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**APPENDIX C**

**Phase I Environmental  
Site Assessment**



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
UPPER WELLINGTON STREET  
BETWEEN STONE CHURCH ROAD AND LIMERIDGE ROAD  
HAMILTON, ONTARIO**

**Submitted to:**

**CITY OF HAMILTON  
PUBLIC WORKS**

**Submitted by:**

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**CA-EI-IM20103037**



## Executive Summary

WSP E&I Canada Limited (WSP) (formerly Wood Environment & Infrastructure Solutions, a division of Wood Canada Limited (Wood (E&I)), was retained by the City of Hamilton (City; the Client) to conduct a Phase I Environmental Site Assessment (ESA) for Upper Wellington Street between Limeridge Road and Stone Church Road in Hamilton, Ontario (the Site). The Client retained WSP (formerly Wood E&I) to provide an evaluation of known and possible environmental issues at the Site in anticipation of road widening activities.

A Phase I ESA is defined as a systematic qualitative process to assess the environmental condition of a Site based on its historical and current use. It is WSP's understanding that the Phase I ESA is not required for the purposes of filing a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*) (as amended by Ontario Regulation 511/09). This Phase I ESA was conducted in conformance with the scope and limitations defined by the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Z768-01 Standard (November 2001, reaffirmed 2016).

Ms. Erica Tudo of Wood (now WSP) conducted a reconnaissance on January 27, 2021, to evaluate possible on-Site issues and assess whether any surrounding land uses may have and/or are currently affecting the environmental condition of the Site. Staff was not accompanied during the reconnaissance. Ground cover conditions at the time of the reconnaissance were wet and snow covered which may have limited staff's observations of some of the ground surface in limited areas of the Site.

The Site is a stretch of municipal roadway extending approximately 1.0-kilometre (km) in length from Limeridge Road to 50 metres (m) south of Stone Church Road in Hamilton, Ontario. The roadway is bordered by residential, institutional/community (fire hall and two churches) and two commercial land uses, Hamilton Builder's Supply located at 164 Limeridge Road East and Husky (retail fuel outlet) located at 221 Limeridge Road East. The ground surface consisted of paved roadway, maintained grass vegetation along the boulevards and a paved sidewalk on the west side of the Site.

Based on a review of the information sources identified above, the Site was developed as a roadway prior to 1934 north of Limeridge Road and south of Stone Church Road.



The Site was surrounded primarily by residential and agricultural land prior to 1934 with community land uses (churches and a fire hall) developed between 1973 and 1986 as well as two commercial land uses (Hamilton Builder's Supply located at 164 Limeridge Road East and Husky RFO located at 221 Limeridge Road East) developed between 1986 and 1995.

Based on a review of the available information sources and observations of current and historical surrounding properties (from publicly accessible locations), the following represents potentially contaminating activities which results in areas of potential environmental concern at the Site:

- Hamilton Builder's Supply located at 164 Limeridge Road East;
- Husky RFO located at 221 Limeridge Road East;
- The Fire Hall located at 1400 Upper Wellington Street;
- The former excess fill receiving site (currently Jerome Park), located adjacent west to the central portion of the Site; and
- Potential salt-impacted soils beneath the roadway and adjacent road allowance due to winter salting activities.

Based on the Phase I ESA completed by WSP (formerly Wood), there is evidence of actual and potential contamination associated with the Site from on-Site and off-Site land uses. An intrusive investigation (i.e., Phase II ESA) is recommended to address the areas of environmental concern with soil and/or ground water sampling to confirm the presence/absence of any contaminants of potential concern associated with the on-Site and off-Site land uses.



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## 1.0 INTRODUCTION

### 1.1 Background

WSP E&I Canada Limited (WSP) (formerly Wood Environment & Infrastructure Solutions, a division of Wood Canada Limited (Wood), was retained by the City of Hamilton (City; the Client) to conduct a Phase I Environmental Site Assessment (ESA) for Upper Wellington Street between Limeridge Road and Stone Church Road in Hamilton, Ontario (the Site). A key plan showing the location of the Site is provided in **Figure 1**. **Figure 2** illustrates the current configuration of the Site. The Client retained WSP (formerly Wood) to provide an evaluation of known and possible environmental issues at the Site in anticipation of road widening activities.

A Phase I ESA is defined as a systematic qualitative process to assess the environmental condition of a Site based on its historical and current use. It is WSP's understanding that the Phase I ESA is not required for the purposes of filing a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*) (as amended by Ontario Regulation 511/09). This Phase I ESA was conducted in conformance with the scope and limitations defined by the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Z768-01 Standard (November 2001, reaffirmed 2016).

### 1.2 Scope of Work

This Phase I ESA was carried out in accordance with the Terms of Reference as provided in WSP's proposal dated July 27, 2020 (RFQ Number: R-02-20). The scope of work for the Phase I ESA consisted of the following tasks:

- Reviewing the historical occupancy of the Site, using available archived and relevant (in WSP's opinion) fire insurance plans (FIPs), aerial photographs and previous environmental reports;
- Reviewing the current use of the Site and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Site;
- Conducting a "walk-through" visual assessment (i.e., Site reconnaissance) of the Site and building facilities to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated Site representatives as a resource for current and historical Site information, as well as to provide WSP staff with unrestricted access to all areas of the Site and Site buildings;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available. It should be noted that responses from these agencies might not be received prior to completion of the report. The





Client would be notified when a response is received and any additional costs to obtain these records;

- Obtaining an Environmental Risk Information Services (ERIS) database report for the Site;
- Reviewing previous reports available for the Site; and
- Preparing a report of our findings.

A search of land title and assessment rolls was not conducted as a part of this investigation. A search of land ownership is unlikely to contribute any useful information regarding the environmental condition at the Site as the Site is currently a municipal roadway with no municipal address. Additionally, a search of municipal and business directories was not completed due to the COVID-19 pandemic, as libraries that hold these documents were closed for the duration of the assessment.

Ms. Erica Tudo of Wood (now WSP) conducted a reconnaissance on January 27, 2021, to evaluate possible on-Site issues and assess whether any surrounding land uses may have and/or are currently affecting the environmental condition of the Site. Staff was not accompanied by the Client during the reconnaissance. Ground cover conditions at the time of the reconnaissance were wet and snow covered which may have limited staff's observations of some of the ground surface in limited areas of the Site. Staff contacted the Client to conduct an interview regarding the Site. In a letter dated April 1, 2021, the Client indicated that they had no records of any spill events occurring at the Site and no records of any former landfill sites within 500 m of the Site. It should be noted that the spill records are only accurate from 1991 until present and the landfill records are only accurate from 1974 until present.

Correspondence with the Client is included in **Appendix A**.

Other contacts were made as required to evaluate the existing/historical Site operations including the following:

Name	Agency or Company	Position
Sherees Thompson	Technical Standards and Safety Association (TSSA)	Public Information Agent

TSSA was contacted to obtain information related to the environmental conditions of the Site. Records of the interviews and/or correspondence provided by the TSSA are provided in **Appendix A**.

WSP (formerly Wood) did not conduct any intrusive investigations in completing the scope of work. No sampling and/or analyses of soil, sediment, water, liquid, gas or air was performed at or near the Site. This Phase I ESA report is not to be construed as a regulatory compliance audit or review. Although Section 6.0 of this report discusses designated substances and hazardous materials normally reviewed as part of a Phase I ESA including asbestos containing materials (ACMs), lead, mercury, ozone-depleting substances (ODS), polychlorinated biphenyls (PCBs) and mould, the review was performed at a cursory level for the Site. No sampling or analytical testing for designated substances and/or hazardous materials was performed. This report therefore should not be construed as a designated substance or hazardous materials survey or assessment.



## 2.0 SITE DESCRIPTION

### 2.1 Site Location

The Site consists of Upper Wellington Street between Limeridge Road 50 metres (m) south of and Stone Church Road in Hamilton, Ontario (**Figure 1**). The roadway is bordered by residential, community (fire hall and two churches) and two commercial land uses, Hamilton Builder's Supply located at 164 Limeridge Road East and Husky (retail fuel outlet) located at 221 Limeridge Road East. For the purposes of this report, Upper Wellington Street is referenced to be in a north/south direction.

### 2.2 Site Occupancy

The Site is currently used as a municipal roadway. The roadway is bordered by residential, parkland, community (fire hall and two churches) and two commercial land uses, Hamilton Builder's Supply located at 164 Limeridge Road East and Husky RFO located at 221 Limeridge Road East.

### 2.3 Site Features

The Site is a stretch of municipal roadway extending approximately 1.0 kilometre (km) in length from Limeridge Road to 50 m south of Stone Church Road. The ground surface consisted of paved roadway, maintained grass vegetation along the boulevards and a paved sidewalk on the west side of the Site.

Selected photographs of the Site and surrounding land use are presented in **Appendix B**.

### 2.4 Site Services

There are no buildings or other improvements on the Site. As such, there are no current services connected to the Site, however it is assumed that services to the surrounding properties are within the road allowance. Stormwater flows overland and drains to the ground surface. There is an overhead hydro line on the west side of the Site and numerous pole mounted transformers were observed.

### 2.5 Physical Setting

The Site lies at an approximate elevation of 208 to 218 metres above sea level (mASL). The UTM coordinates at the approximate centre of the Site are 591153 east and 4785000 north (NAD 83 UTM 17T). The topography across the Site and surrounding properties is relatively flat with the highest point being the in centre of the Site. The Hamilton Harbor (portion of Lake Ontario) is located approximately 6.0 km north of the Site.

According to the **2010 Surficial Geology of Southern Ontario Miscellaneous Release – Data 128 REV**, published by the **Ontario Geological Survey (OGS)**, the geology near the Site is interpreted to consist of fine textured glaciolacustrine deposits consisting of silt and clay, minor sand and gravel, massive to well laminated.



The **2007 Paleozoic Geology of southern Ontario Miscellaneous Release – Data 219**, published by the **Armstrong, D.K. and Dodge, J.E.P. of the OGS**, describes the bedrock in the southern portion of the Site to consist of dolostone; sucrosic, fossiliferous, locally biohermal, locally bituminous of the Guelph formation and the northern portion of the Site to consist of dolostone, limestone, argillaceous dolostone, locally cherty, locally bituminous of the Lockport Formation.

The regional ground water flow direction, based on topographic features, is expected to be generally to the north towards Lake Ontario. Locally, however, the shallow ground water flow may be influenced by underground utility trenches, conduits, and structures, variations in soil type, and minor fluctuations in topography.



### 3.0 ADJACENT LAND USES

WSP (formerly Wood) reviewed the current land uses of neighbouring properties from publicly accessible locations to assess possible environmental impacts to the Site that may arise from off-Site operations. As noted in Section 2.0, properties in the general area surrounding the Site are mixed residential, community and commercial land use.

Properties surrounding the Site are summarized as follows:

#### North of the Site

North of the Site was the continuation of Upper Wellington Street.

#### East of the Site

East of the Site was residential and community (churches) land use.

#### South of the Site

South of the Site was residential land and vacant/parkland use.

#### West of the Site

West of the Site was residential, community (fire hall), parkland and commercial (Hamilton Builder's Supply and Husky RFO) land use.

#### Summary of Findings

In summary, based on observations of these surrounding properties (from publicly accessible locations), the surrounding properties primarily consisted of residential, community, parkland and commercial land uses and do not represent a significant environmental concern to the Site with the following exceptions: [OBJ]

- Hamilton Builder's Supply located at 164 Limeridge Road East; and
- Husky RFO located at 221 Limeridge Road East

## 4.0 RECORDS REVIEW

The historical occupancy of the Site and the surrounding properties were reviewed using reasonably available public information consisting of, but not limited to, archived aerial photographs, and FIPs. The historical information reviewed was obtained from the following sources:

- Aerial photographs, available through ERIS for the years for the years 1934, 1953, 1963, 1973 and 1986
- Aerial photographs for the years 1995, 2005, 2014 and 2019, available online through City of Hamilton's Interactive Mapping available at:  
<https://spatialsolutions.hamilton.ca/hamiltonmap/index.html>
- FIPs available online through McMaster University at <https://library.mcmaster.ca/collections/fire-insurance-plans>

### 4.1 Aerial Photographs

A review of selected aerial photographs was conducted to determine the general history of the development of the Site and surrounding properties. In some cases, available aerial photography may be at a scale that precludes a detailed interpretation of the Site and surrounding area. The following significant information was inferred from the aerial photographs reviewed concerning the Site and its surrounding properties:

Date	Site	Surrounding Properties
1934	The Site appears to be a fully developed roadway extending north of Limeridge Road and south of Stone Church Road.	The properties surrounding the Site appear to be in agricultural, residential and vacant land use.
1953	No significant changes observed.	Increased residential developments surrounding the southern portion of the Site.
1963	No significant changes observed.	Increased residential developments on the properties surrounding the southern portion of the Site.
1973	No significant changes observed.	No significant changes observed.
1986	No significant changes observed.	No significant changes observed with the exception of the inferred community land uses (churches) on the properties east side of the Site and the fire hall on the property located southwest side of the Site.
1995	No significant changes observed.	Significant residential developments on the properties surrounding the Site as well as the commercial development at the southwest corner of the intersection of Upper Wellington Street and Limeridge Road East. Development of the inferred Lincoln M. Alexander Parkway is noted at the northern portion. Additionally, the inferred RFO at 211 Limeridge Road East is present.
2005	No significant changes observed.	An inferred park land use is present at the northern portion of the Site along the east side of the street.



Date	Site	Surrounding Properties
2014	No significant changes observed.	Additional residential developments are noted surrounding the Site.
2019	No significant changes observed.	No significant changes observed.

Aerial photographs are presented in **Appendix C**.

## 4.2 City Directories

City directories were not available through ERIS due to the temporary closure of libraries that house these documents as a result of the COVID-19 pandemic.

## 4.3 Fire Insurance Plans

FIPs available through McMaster University did not provide coverage for the Site.

## 4.4 Company Records

No company records pertaining to the Site were provided to WSP (formerly Wood).

## 4.5 Previous Environmental Site Assessments and Geotechnical Reports

No previous environmental site assessments and geotechnical reports pertaining to the Site were provided to WSP (formerly Wood). However, previous environmental site assessment and related reports were provided to WSP regarding Jerome Park. Relevant information from those reports is described below in Section 5.1.

## 4.6 Summary of Historical Records Review

### Site History

Based on a review of the information sources identified above, the Site was developed as a roadway prior to 1934 north of Limeridge Road and south of Stone Church Road.

It is unknown whether or not pesticides and herbicides had been previously used on-site prior to its development as a roadway. Agricultural practices have generally involved the storage and use of pesticides and herbicides and the storage of fuel for machinery. In addition to organochlorine pesticides, lead and arsenic are commonly associated with agricultural sprays and may remain at residual levels in the soil, however since the roadway was developed and the topsoil would have been removed, this is no longer a potential environmental concern at the Site.



### Surrounding Land Use

Based on a review of the information sources identified above, the Site was surrounded primarily by residential and agricultural land prior to 1934 with community land uses (churches and a fire hall) developed between 1973 and 1986 as well as two commercial land uses (Hamilton Builder's Supply located at 164 Limeridge Road East and Husky RFO located at 221 Limeridge Road East) developed between 1986 and 1995.

Based on the historical review there were no significant environmental issues identified with surrounding land uses that would result in a direct impact to the Site with the exception of the following:

- Hamilton Builder's Supply located at 164 Limeridge Road East; and
- Husky RFO located at 221 Limeridge Road East



## 5.0 CONSULTATION AND REGULATORY AGENCY FILES AND DATABASE REVIEW

The City of Hamilton and Technical Standards and Safety Authority were contacted, and various databases and documents were reviewed to further assess the environmental condition of the Site.

### 5.1 City of Hamilton

As previously mentioned in Section 1.2, WSP (formerly Wood) contacted the Client to conduct an interview regarding the Site. In a letter dated April 1, 2021, the Client indicated that they had no records of any spill events occurring at the Site and no records of any former landfill sites within 500 m of the Site. It should be noted that the spill records are only accurate from 1991 until present and the landfill records are only accurate from 1974 until present.

Previous reports completed by MTE Consultants Inc. (formerly including Frontline Environmental Management Inc.) for the Client regarding Jerome Park were provided to WSP (formerly Wood). The reports included a Supplemental Phase II ESA (dated January 25, 2006), a Risk Assessment report (dated April 3, 2009), a Fall 2009 Groundwater Sampling Results letter (dated January 8, 2010), and a Health and Safety Plan for the Jerome Park Redevelopment (dated October 22, 2010). According to the 2009 Risk Assessment report, Jerome Park was formerly a quarry. Following quarry operations it was an excess fill receiving site. Fill materials included soil and construction/demolition debris, and for a short time it was also a snow dump site. The 2009 Risk Assessment report also states that various metals and polycyclic aromatic hydrocarbons (PAHs) soil exceedances of the then-applicable Ministry of the Environment (MOE) Table 3 parkland use standards were found at the Jerome Park property. The exceedances were found during the 2006 Supplemental Phase II ESA and other previous investigations completed at the same site. In addition, risk management measures included, but weren't limited to the removal of small piles of asphalt and other debris, and placement of geotextile and soil cap to protect on-site and off-site receptors from access to the impacted soil at Jerome Park. Furthermore, a five-year annual groundwater monitoring program was recommended as a risk management measure. No groundwater exceedances were noted in the 2010 Groundwater Sampling Results letter.

A copy of the city correspondence is provided in **Appendix A**.

### 5.2 Technical Standards and Safety Authority

Fuel storage at industrial facilities in Ontario is regulated by the *Technical Standards and Safety Act 2000* (*TSS Act*). The *TSS Act* has consolidated the seven acts that the TSSA previously administered, including the *Gasoline Handling Act* and the *Energy Act*. Under the *TSS Act*, the *Liquid Fuel Handling Regulation*, *Liquid Fuel Handling Code* and the *Environmental Management Protocol* (also known as GA1/99) have replaced the *Gasoline Handling Act*, *The Gasoline Handling Code* and *GH13* (1993 Environmental Cleanup Guideline). The *TSS Act* applies to all storage tank systems utilized for the storage and handling of gasoline, diesel and fuel oil. According to discussions with a representative of the TSSA - Fuels Safety Division, underground storage tanks (USTs) and aboveground storage tanks (ASTs) installed under the *Liquid Fuel*





*Handling Regulation, Liquid Fuel Handling Code* require registration with the TSSA. Fuel oil tanks utilized in residential buildings also require registration with the TSSA.

The TSSA was contacted by email and requested to supply any available information concerning the presence of petroleum storage tanks, fuel spill records, accidents, or fuel-related incidents, which may be registered on the subject, or surrounding properties. The TSSA responded by email on January 28, 2021, and indicated that the following records were found for the surrounding properties:

- 221 Limeridge Road East (Husky RFO), located approximately 35 m northwest of the northern end of the Site, was listed as an active cylinder exchange, an active gasoline station and expired propane cylinder handling facility as well as having four (4) expired and two (2) active liquid fuel tanks;
- 164 Limeridge Road East (Hamilton Builder's Supply), located approximately 20 m west of the northern end of the Site, was listed as an expired propane refill centre and expired propane tank facility; and
- 1400 Upper Wellington Road (firehall), located adjacent to the west of the southern portion of the Site, was listed as an expired private fuel outlet and had one (1) expired liquid fuel tank.

Since the Site has no municipal address, records of fuel storage tanks, fuel spill records, accidents, or fuel-related incidents at the Site could not be requested directly.

Due to the close proximity of these addressed, these operations could potentially impact the environmental condition of the Site.

A copy of the TSSA correspondence is provided in **Appendix A**.

## 5.3 Ministry of the Environment Conservation and Parks

Since the Site has no municipal address, records of environmental regulatory non-compliance at the Site could not be requested directly.

WSP (formerly Wood) accessed the MECP's *Access Environment* website on January 26, 2021, to search for information on Environmental Compliance Approvals (ECAs) (formerly known as Certificate of Approvals {CofAs}), Renewable Energy Approvals (REAs) and registrations on the Environmental Activity and Sector Registry (EASR), which may be listed to the Site. No records were identified for the Site, however numerous Certificate for Approvals were identified at several of the immediate surrounding properties for municipal and private sewage works. These records do not represent a concern to the environmental condition of the Site.

## 5.4 Provincial Database/Inventory Records

### 5.4.1 Brownfields Environmental Site Registry

The MECP on-line Brownfields Environmental Site Registry was accessed on January 26, 2021, to determine if any RSCs have been filed under Part XV.1 under the *Environmental Protection Act* (EPA) for



the Site or any of the surrounding properties since October 1, 2004. A search of the registry indicated that there are no RSCs filed for the Site and surrounding properties.

#### **5.4.2 Environmental Risk Information Services Ltd. (ERIS)**

ERIS is a national service that provides site specific environmental and property-use information. An ERIS report contains detailed government and private sector records concerning possible environmental liabilities associated with a property and the surrounding neighbourhoods.

An ERIS database report (project number 21012600147) was obtained by WSP (formerly Wood) on January 29, 2021. No records were on file for the Site, however there were 49 records for the surrounding properties. WSP (formerly Wood) reviewed the results of the ERIS report and based on type of record, the separation distances from the Site and/or the inferred ground water direction (north towards Lake Ontario), operations at these properties do not pose a significant environmental impact at the Site.

The ERIS report is provided in **Appendix D**.

### **5.5 Summary of Regulatory Database Review**

Based on the findings of the regulatory database review available at the time of report preparation, no significant environmental concerns were identified associated with the Site or surrounding properties.



## 6.0 SITE VISIT AND INTERVIEWS

The findings documented in this section are based on a combination of observations made by WSP (formerly Wood) personnel at the time of the reconnaissance, as well as information provided by individuals contacted as part of the interview process.

### 6.1 General Site Conditions and Housekeeping

In general, the Site appeared to be well maintained. WSP (formerly Wood) did not observe significant amounts of debris, staining, outdoor chemical storage or uncontrolled waste storage on-Site at the time of the reconnaissance.

### 6.2 Air Emissions

WSP (formerly Wood) did not observe the presence of air emission sources at the time of the reconnaissance that could possibly affect the environmental condition of the Site (i.e., building surfaces and/or surficial soils). No significant environmental issues regarding air emissions at the Site have been identified based on the nature of the emission sources observed during the reconnaissance.

### 6.3 Chemical Storage and Handling

No chemical storage was observed at the Site during the reconnaissance. The Site would be salted during the winter months; however, no salt is stored on the Site.

WSP (formerly Wood) is not aware of any chemical spills having occurred at the Site. No evidence of chemical spills, accidental releases or significant staining was observed that would indicate the occurrence of major environmental events (such as spills) that may have significantly affected the quality of the subsurface.

### 6.4 Designated Substances

Individual designated substance regulations have been developed for eleven chemical contaminants and are enforced by the Ministry of Labour (MOL) under the Occupational Health and Safety Act (OHSA). Special regulations were made to prohibit, regulate, restrict, limit, or control worker exposure to designated substances due to their toxic nature. The designated substances identified in OHSA include:

Asbestos	Vinyl Chloride
Arsenic	Benzene
Lead	Coke Oven Emissions
Ethylene Oxide	Acrylonitrile
Mercury	Isocyanates
Silica	



Given the nature of the Site, WSP (formerly Wood) has focussed on the following designated substances.

#### **6.4.1 Asbestos**

Asbestos is a generic term that refers to a group of naturally occurring fibrous mineral silicates. The ability of asbestos to withstand high temperatures as well as its tensile strength, spinnability, resistance to chemicals and other properties have resulted in hundreds of applications. Friable asbestos refers to materials, which can be readily crumbled using hand pressure, separating asbestos fibres from the binding materials with which they are associated. Non-friable material refers to asbestos, which is associated with a binding agent (such as tar or cement), that prevents the ready release of airborne fibres. Friable asbestos is commonly found in boiler and pipe insulation. Non-friable or bound asbestos is typically found in roofing tars, floor and drywall compound, plaster and precast asbestos cement products commonly referred to as "transite".

As there were no buildings, structures or other important improvements present at the Site at the time of the reconnaissance, ACMs are unlikely to be present, however ACMs may be present in the asphalt, water pipes, sanitary sewers or storm sewers associated with the Site.

#### **6.4.2 Lead**

Lead is a heavy metal, which is typically found in the following three forms:

- Metallic lead used to make water distribution pipes, electrical batteries, lead solder, and electric cable sheathes;
- Inorganic compounds often occurring as components of products, such as insecticides, pigments, paints, and glass; and
- Organic lead compounds, the most commonly known of which are tetramethyl lead and tetraethyl lead, used as antiknock additives to gasoline.

The presence of lead-containing paints (LCPs) in buildings represents the most significant hazard of all the above noted lead containing products where persons, notably small children, may ingest peeling or flaking LCPs. The generation of airborne lead containing dust created during renovation, demolition, or construction activities (i.e., during sanding and grinding), or like actions on deteriorated painted surfaces also comprises a potential health concern.

In 1976, the federal government passed the Hazardous Products (Liquid Coating Materials) Regulations under the Hazardous Products Act limiting the amount of lead for interior paints to 0.5%. Exterior and commercial paints could still contain lead. In 1991, members of the Canadian Paint and Coatings Association agreed to voluntarily eliminate all added lead from their products. In November 2010, under the Canadian Hazardous Products Act, the Federal Government issued revisions to the Surface Coating Materials Regulations SOR/2005-109, which limits the amount of lead permissible in paints and other surface coating materials to 0.009% lead by dry weight (i.e., 90 micrograms per gram [µg/g]).

There are currently no structures or buildings at the Site, therefore no potential concerns regarding LCPs or other potential sources of lead were observed during the Site reconnaissance.

### **6.4.3 Mercury**

Minor amounts of mercury are commonly found in a variety of building materials including mercury vapour lamps and thermostats and other electrical control switches. Mercury vapour is suspected to be present in fluorescent and high intensity discharge (HID) lamps. Mercury is suspected to be present in thermostats.

As there were no buildings, structures or other important improvements present at the Site at the time of the reconnaissance, mercury is unlikely to be present.

## **6.5 Mechanical Equipment**

Mechanical equipment including piston type elevators, vehicle hoists, loading dock lifts, and compactors comprise typical hydraulically operated devices. Such equipment contains hydraulic oils, which are operated under high pressures and can be released into the environment because of leaks or equipment failure.

No hydraulically driven mechanical equipment was observed by WSP (formerly Wood) at the time of the reconnaissance.

## **6.6 Methane**

Methane is a colourless and odourless gas commonly formed by the decomposition of organic material. Methane is a large component of natural gas associated with active and closed waste disposal sites. Natural sources of methane include marshes, swamps, bogs, fens or coal and/or peat deposits. Potential risks associated with methane include explosion hazards where methane enters closed spaces and concentrations exceed the lower explosive limit.

Based on observations made at the time of the reconnaissance, significant amounts of fill materials are not inferred to have historically been placed on the Site. Furthermore, the Site is not near (i.e., within 1 km) any active or closed landfill sites according to the city letter dated April 1, 2021. However, according to the 2009 Risk Assessment and other previous reports, Jerome Park was formerly an excess fill receiving site. Methane gas is not inferred to be a significant environmental issue at the Site due to the fill material placed at Jerome Park, because municipal wastes were not reported to have been deposited there.

## **6.7 Mould**

Moulds (also known as “fungi”) are present everywhere in the natural environment, indoors and outdoors. Exposure to mould may occur indoors on water damaged building materials during occupancy, building maintenance and/or repair operations. The most common types of moulds are generally not hazardous. However, some moulds may be problematic to some people.

As there were no buildings, structures or other important improvements present at the Site at the time of the reconnaissance, there are no issues related to mould.



## **6.8 Odour**

During the reconnaissance, WSP (formerly Wood) did not identify any strong, pungent or noxious odours attributable to the Site.

## **6.9 Ozone-Depleting Substances**

ODSs include any substances containing chlorofluorocarbon (CFC), hydrochlorofluorocarbon (HCFC), halon or any other material capable of destroying ozone in the atmosphere. ODSs have been used in rigid polyurethane foam and insulation, laminates, aerosols, air conditioners, fire extinguishers, cleaning solvents and the sterilization of medical equipment. Federal regulations introduced in 1995 required the elimination of production and import of CFCs by January 1, 1996 (subject to certain essential uses) and a freeze on the production and import of HCFC-22 by January 1, 1996. These regulations also require the complete elimination of HCFC-22 by the year 2020.

As there were no buildings, structures or other important improvements present at the Site at the time of the reconnaissance, WSP (formerly Wood) does not anticipate ODS to be present.

## **6.10 Pesticides and Herbicides**

WSP (formerly Wood) did not observe any pesticides or herbicides stored at the Site during the reconnaissance. It is unknown whether or not pesticides and herbicides had been previously used on-site in the boulevards.

## **6.11 Polychlorinated Biphenyls**

PCBs were most commonly used in capacitors, transformers, circuit breakers, switchgears and lamp ballasts as synthetic insulating materials. The use of PCBs in electrical equipment was prohibited on July 1, 1980. However, PCBs may be present in older hydraulic equipment still in use after the July 1, 1980, cut-off date.

### **6.11.1 Electrical Transformers**

As noted in Section 2.0, electrical service is not provided to the Site, however an overhead hydro line on the west side of the Site and numerous pole mounted transformers were observed which service the properties along the Site.

### **6.11.2 Light Ballasts**

As there were no buildings, structures or other important improvements present at the Site at the time of the reconnaissance, light fixtures were not present.

## 6.12 Radioactive Materials

The Canadian Nuclear Safety Commission (CNSC), formerly the Atomic Energy Control Board, under the Nuclear Safety and Control Act, is responsible for the management and licensing of radioactive materials, to ensure that the use of nuclear energy does not pose undue risk to health, safety, security and the environment. The CNSC achieves regulatory control of nuclear facilities and nuclear materials through a comprehensive licensing system, which is administered through the cooperation of federal and provincial government departments such as health, environment, transport and labour.

Radioactive materials or equipment (labelled as such) was not observed at the Site. No testing for the presence of radioactive material was undertaken.

## 6.13 Radon

Radon is a naturally occurring gas produced by the decay of Uranium-238 that tends to concentrate in formations of granite, sandstone, coal, phosphate and uranium deposits. Radon is colourless, odourless and tasteless and tends to percolate up through soil where it may enter and accumulate in basements of buildings through foundation cracks and joints. Because the existence of radon is dependent upon geological factors, it is more of a regional concern than site-specific.

The concentration of radon daughters is measured in units of working level (WL), which is a measure of the potential alpha particles energy per litre of air. The annual exposure limit for the public is 0.01 WL with the annular occupational exposure limit being 4.0 WL. In homes and other non-occupational settings, the maximum permissible annual average concentration of radon daughters caused by the operation of a nuclear facility is 0.02 WL. Health Canada recommends 0.1 WL as an upper limit.

The location of the Site was evaluated against the locations of a soil radon gas study published by the Ontario Geological Survey (OGS) entitled *"Soil Radon Gas Study of Southern Ontario"* (OGS, Open File Report 5847, 1993). The city and the location of the Site are not within the four main study areas investigated by the OGS. WSP (formerly Wood) is not aware of other records of the presence or emission of radon gas in the immediate area of the Site.

Based on the information obtained from the previously referenced sources, WSP (formerly Wood) does not suspect radon gas to be a significant environmental issue at the Site.

## 6.14 Site In-Filling

The Site is generally graded even with the surrounding properties and significant amounts of fill material is inferred not to be present at the Site.

## 6.15 Spills, Surface Staining and Stressed Vegetation

WSP (formerly Wood) conducted a walk-around of the Site to identify any areas of significant surface staining, stressed vegetation or any other potential indicators of surface spills or leaks. WSP (formerly



Wood) did not observe evidence of chemical spills, accidental releases or stressed vegetation present at the Site at the time of reconnaissance.

## **6.16 Storage Tanks**

### **6.16.1 Aboveground Storage Tanks**

WSP (formerly Wood) did not observe any ASTs at the Site during the reconnaissance nor were there any identified in the historical review or by the Site representatives.

### **6.16.2 Underground Storage Tanks**

WSP (formerly Wood) did not observe any USTs at the Site during the reconnaissance nor were there any identified in the historical review or by the Site representatives.

## **6.17 Urea Formaldehyde Foam Insulation**

Urea formaldehyde foam insulation (UFFI) is a thermal insulation material that is pumped into interstitial spaces between the walls of buildings where it hardens to form a solid layer of insulation. The sale and installation of UFFI was banned for health-related reasons because of the formation of formaldehyde gas, which is released from the UFFI to the building interior.

As there were no buildings, structures or other important improvements present at the Site at the time of the reconnaissance, WSP (formerly Wood) does not anticipate UFFI to be present.

## **6.18 Waste Management**

### **6.18.1 Liquid Waste**

The generation, storage or disposal of liquid wastes was not observed at the Site at the time of the reconnaissance. As mentioned in the ERIS report the Site was not listed as a registered liquid industrial waste generator.

### **6.18.2 Solid Waste**

The Site is not listed in the ERIS report as a registered generator of solid hazardous waste. The generation of solid waste was not observed at the Site at the time of the reconnaissance.

## **6.19 Wells**

Ontario Regulation 903 (*O. Reg. 903*) (amended to *O. Reg. 128/03*) sets the standards for the construction, maintenance and abandonment of water wells and licensing of water well contractors and technicians in the province of Ontario. Under the regulation, any well that is not being used or maintained for future use, as a well must be abandoned in accordance with the procedures set forth in the regulation. This regulation also applies to monitoring and test wells such as those routinely installed for environmental and/or





geotechnical testing purposes. Artesian or flowing wells must also be abandoned unless a device can be installed to prevent the well from flowing. *O. Reg. 903* also applies to dry wells or to wells that permit the movement of natural gas or other contaminants between subsurface formations or between formations and the ground surface. *O. Reg. 903* does not apply to oil and gas wells.

### **6.19.1 Water Wells**

The safety of drinking water in the province of Ontario is legislated under the Drinking Water Systems Regulation (known as *O. Reg. 170/03; amended to O. Reg. 165/04*) made under the *Safe Drinking Water Act*. The regulation defines requirements for the following types of systems that supply potable water in the province: “large municipal non-residential systems”, “large municipal residential systems”, “large non-municipal non-residential systems”, “non-municipal seasonal residential systems”, “non-municipal year-round residential systems” and “public facilities”.

No water wells were observed at the Site by WSP (formerly Wood) during the reconnaissance. A search of the MECP Well Records Database conducted by WSP (formerly Wood) on January 26, 2021, showed no records for the Site, however several water well records for domestic (potable) and monitoring ground water wells were noted at the immediate surrounding properties.

### **6.19.2 Other Wells**

No test wells, disposal wells, oil wells, or gas wells were observed at the Site by WSP (formerly Wood) during the reconnaissance. Additionally, no other wells were noted for the Site, however a few monitoring wells and domestic drinking water wells were noted on some of the surrounding properties in the ERI report.

## **6.20 Other Observations**

Exposure to bird/bat droppings, rodent excreta and raccoon droppings can cause adverse health effects in humans. As a result, accumulation of this material should be kept to the lowest practical level.

Visible bird/bat droppings, evidence of rodent excreta or raccoon droppings were not observed during the reconnaissance.

Based on the reconnaissance there were no other observations of any environmental significance regarding the Site.



## 7.0 Conclusions and Recommendations

The Site is a stretch of municipal roadway extending approximately 1.0 km in length from Limeridge Road to 50 m south of Stone Church Road in Hamilton, Ontario. The roadway is bordered by residential, community (fire hall and two churches) and two commercial land uses, Hamilton Builder's Supply located at 164 Limeridge Road East and Husky (retail fuel outlet) located at 221 Limeridge Road East. The ground surface consisted of paved roadway, maintained grass vegetation along the boulevards and a paved sidewalk on the west side of the Site.

Based on a review of the information sources identified above, the Site was developed as a roadway prior to 1934 north of Limeridge Road and south of Stone Church Road.

The Site was surrounded primarily by residential and agricultural land prior to 1934 with community land uses (churches and a fire hall) developed between 1973 and 1986 as well as two commercial land uses (Hamilton Builder's Supply located at 164 Limeridge Road East and Husky RFO located at 221 Limeridge Road East) developed between 1986 and 1995.

Based on a review of the available information sources and observations of current and historical surrounding properties (from publicly accessible locations), the following represents potentially contaminating activities which results in areas of potential environmental concern at the Site:

- Hamilton Builder's Supply located at 164 Limeridge Road East;
- Husky RFO located at 221 Limeridge Road East;
- The Fire Hall located at 1400 Upper Wellington Street;
- The former excess fill receiving site (currently Jerome Park), located adjacent west to the central portion of the Site; and
- Potential salt-impacted soils beneath the roadway and adjacent road allowance due to winter salting activities.

Based on the Phase I ESA completed by WSP (formerly Wood), there is evidence of actual and potential contamination associated with the Site from on-Site and off-Site land uses. An intrusive investigation (i.e., Phase II ESA) is recommended to address the areas of environmental concern.



## 8.0 Assessor Qualifications

The report was prepared and reviewed by the undersigned, employees of WSP (formerly Wood). WSP is one of the world's leading professional services firms, uniting our engineering, advisory and science-based expertise to make a positive impact. The qualifications of the assessors involved in the preparation of this report are provided in **Appendix E**.



## 9.0 Closure

This report was prepared for the exclusive use of the City of Hamilton and is intended to provide a Phase I ESA on the municipal roadway located at Upper Wellington Street between Limeridge Road and Stone Church Road in Hamilton, Ontario at the time of the Site visit. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from WSP will be required. With respect to third parties, WSP has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the Phase I ESA of the property conducted by WSP (formerly Wood). It is based solely on the conditions of the Site encountered at the time of the Site visit on January 27, 2021, supplemented by a review of historical information and data obtained by WSP (formerly Wood) as described in this report, and discussion with representatives of the Site, as reported herein. Except as otherwise maybe specified, WSP disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to WSP after the time during which WSP conducted the Phase I ESA.

In evaluating the property, WSP (formerly Wood) has relied in good faith on information provided by other individuals noted in this report. WSP (formerly Wood) has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the Site representatives. WSP accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

WSP makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This Report is also subject to the further Standard Limitations contained in **Appendix F**.



We trust that the information presented in this report meets your current requirements. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

Respectfully Submitted,

**WSP E&I Canada Limited**

Prepared by:

A handwritten signature in blue ink, reading 'DMazachowsky'.

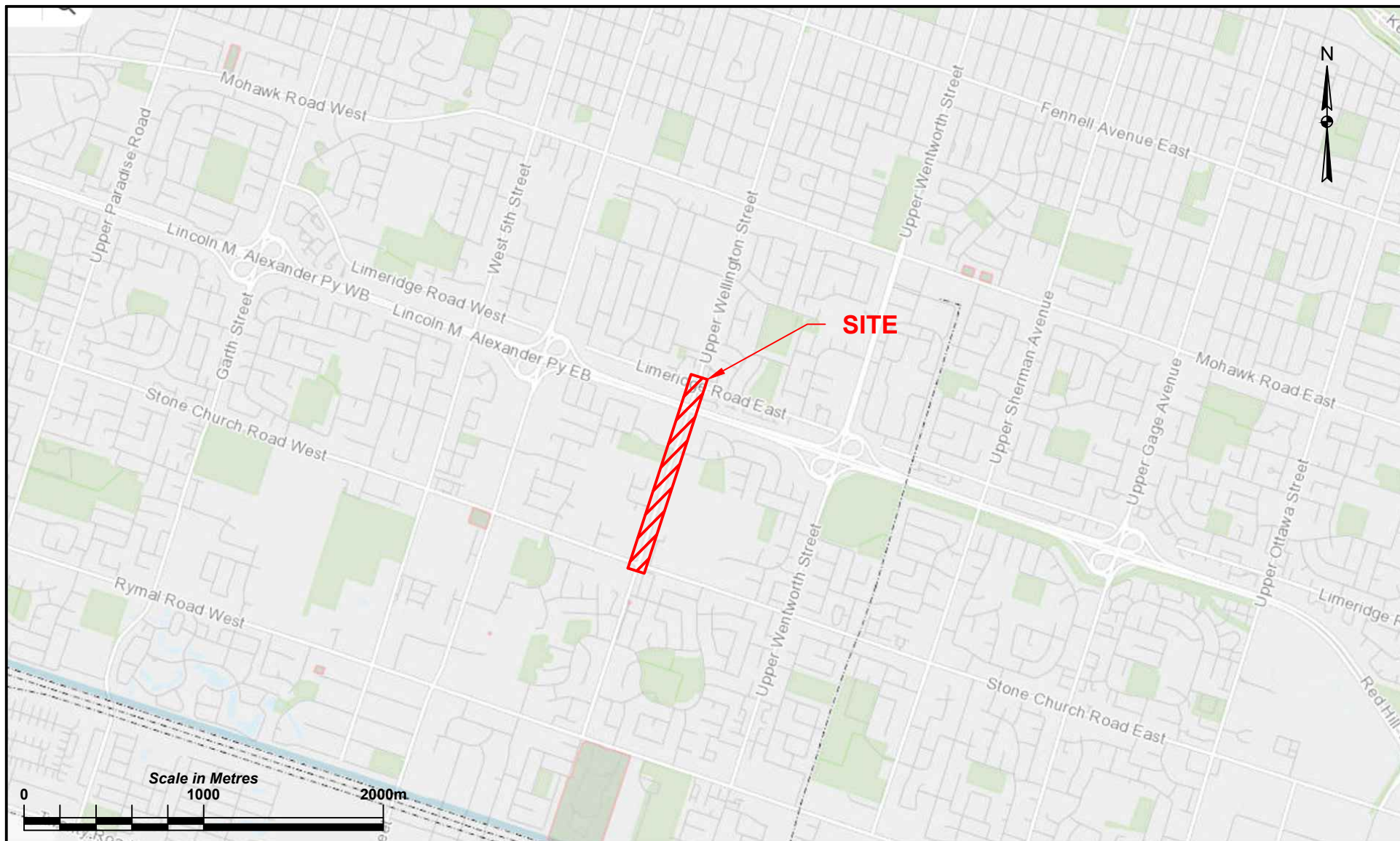
Deanna Mazachowsky, B.A., EP  
Environmental Scientist

Reviewed by:

A handwritten signature in blue ink, reading 'Patrick Shriner'.



Patrick Shriner, P. Geo.  
Associate Environmental Geoscientist

## Figures




REFERENCE: Base plan provided by CITY OF HAMILTON, HAMILTON MAPS, <https://spatialsolutions.hamilton.ca/hamiltonmap/index.html>

FOR ILLUSTRATION PURPOSES ONLY, ALL LOCATIONS APPROXIMATE.

CLIENT:  City of Hamilton	LEGEND:  Site Location	DWN BY: DN CHK'D BY: PS DATUM: NAD83 PROJECTION: UTM Zone 17 SCALE: As Shown	PROJECT: PHASE I ENVIRONMENTAL SITE ASSESSMENT UPPER WELLINGTON STREET, HAMILTON, ONTARIO (BETWEEN STONE CHURCH ROAD EAST & LIMERIDGE ROAD EAST) TITLE: SITE LOCATION PLAN	REV. NO.: A DATE: FEBRUARY 2021 PROJECT NO.: IM20103037 NO.: FIGURE 1
				





CLIENT:  City of Hamilton	LEGEND:	DWN BY: DN	PROJECT:  PHASE I ENVIRONMENTAL SITE ASSESSMENT UPPER WELLINGTON STREET, HAMILTON, ONTARIO (BETWEEN STONE CHURCH ROAD EAST & LIMERIDGE ROAD EAST)	REV. NO.: A
		CHK'D BY: PS		DATE: FEBRUARY 2021
DATUM: NAD83		PROJECT NO.: IM20103037		
PROJECTION: UTM Zone 17		NO.: FIGURE 2		
SCALE: As Shown				
				



**Appendix A**

**Regulatory Correspondence**

April 1, 2021

City of Hamilton  
Public Works, Engineering Services  
Hamilton, ON  
L8R 2K3

Dear: Janelle Trant, Project Manager Capital Infrastructure Planning

**Re: Information Request – Upper Wellington right-of-way, between Limeridge Road East and Stone Church Road East**

In response to your request for information of February 23, 2021 regarding the above-noted property, we wish to inform you:

- a) Our files, which are only accurate from 1991 to the present, indicate no record of violations of the City of Hamilton Sewer Use By-law 14-090, or previous spill events originating from the above-noted site.
- b) Our records of former municipal landfill sites, which are only accurate from 1974 to the present, do not list the above-noted property within a 500m of a former landfill site.

In view of the limited information available to us, if the interested party wishes to completely satisfy themselves that the site was not used for the disposal of waste, we recommend that they utilize the services of a licensed and qualified geotechnical agency to carry out site testing to confirm existing subterranean conditions.

For further information on other issues, which are beyond the jurisdiction of the City of Hamilton, we suggest your firm contact:

Ministry of the Environment, Conservation and Parks  
West Central Region, Hamilton Regional Office  
119 King Street West, 12th Floor  
Hamilton ON L8P 4Y7  
(905) 521-7640

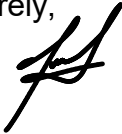
Cont'd...

April 1, 2021

**Re: Information Request – Upper Wellington right-of-way, between Limeridge Road East and Stone Church Road East**

Should you have any questions or require clarification regarding this matter, please contact me in writing.

Sincerely,

A handwritten signature in black ink, appearing to be 'Hector Quintero', written over a horizontal line.

Hector Quintero  
Superintendent, Environmental Monitoring & Enforcement  
Compliance & Regulations Section, Hamilton Water Division  
Public Works

Copy to: R. Conley, Senior Project Manager, Landfills

LY

## Mazachowsky, Deanna

---

**From:** Mazachowsky, Deanna  
**Sent:** Tuesday, January 26, 2021 2:32 PM  
**To:** Trant, Janelle  
**Cc:** Shriner, Patrick D  
**Subject:** RE: Upper Wellington Street Phase I ESA

Hi Janelle,  
Not a problem. Thanks for getting back to me so quickly.  
Deanna

---

**From:** Trant, Janelle <Janelle.Trant@hamilton.ca>  
**Sent:** Tuesday, January 26, 2021 2:16 PM  
**To:** Mazachowsky, Deanna <deanna.mazachowsky@woodplc.com>  
**Cc:** Shriner, Patrick D <patrick.shriner@woodplc.com>  
**Subject:** RE: Upper Wellington Street Phase I ESA

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Deanna,

Thanks for following up. Unfortunately we do not yet have that information, but are working on it. It may take some time to obtain it, so I will provide an update as soon as I have more information or a better idea of when it will be available. Apologies for the delay.

Thanks,  
Janelle

### Janelle Trant

Project Manager - Capital Infrastructure Planning  
Public Works  
Engineering Services, City of Hamilton  
(905) 546-2424 Ext.4101



---

**From:** Mazachowsky, Deanna [<mailto:deanna.mazachowsky@woodplc.com>]  
**Sent:** Tuesday, January 26, 2021 11:29 AM  
**To:** Trant, Janelle <[Janelle.Trant@hamilton.ca](mailto:Janelle.Trant@hamilton.ca)>  
**Cc:** Shriner, Patrick D <[patrick.shriner@woodplc.com](mailto:patrick.shriner@woodplc.com)>  
**Subject:** Upper Wellington Street Phase I ESA

Good morning Janelle,  
I am currently working on the Phase I ESA report for Upper Wellington Street in Hamilton.  
Are you able to provide me with any records pertaining to the environmental quality of the site?  
Thank you,  
Deanna

## Mazachowsky, Deanna

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** Thursday, January 28, 2021 1:56 PM  
**To:** Mazachowsky, Deanna  
**Subject:** RE: TSSA Search - IM20103037

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon,

Thank you for your request for confirmation of public information.

I have searched the below noted addresses and I have located the following record:

Inst Numb	Context	Address	City	Provinc	Postal Cod	Inststat
64516572	-	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	Active
9627723	FS Facility	164 LIMERIDGE RD W	HAMILTON	ON	L9C 2V2	EXPIR
9819558	FS Facility	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	Active
9860076	FS Facility	164 LIMERIDGE RD W	HAMILTON	ON	L9C 2V2	EXPIR
10003391	FS Facility	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	EXPIR
10779034	FS Propane Tank	164 LIMERIDGE RD W	HAMILTON	ON	L9C 2V2	EXPIR
10778835	FS Liquid Fuel Tank	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	EXPIR
64749599	FS Liquid Fuel Tank	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	Active
10778853	FS Liquid Fuel Tank	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	EXPIR
10778875	FS Liquid Fuel Tank	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	EXPIR
10778892	FS Liquid Fuel Tank	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	EXPIR
64749598	FS Liquid Fuel Tank	221 LIMERIDGE RD E	HAMILTON	ON	L9A 2S6	Active

Inst Number	Context	Address	City	Province	Postal Code	Inst
9362704	FS Facility	1400 UPPER WELLINGTON ST	HAMILTON	ON	L9A 3S9	EXI
10782749	FS Liquid Fuel Tank	1400 UPPER WELLINGTON ST	HAMILTON	ON	L9A 3S9	EXI

For a further search in our archives, or for copies of documents, please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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

Thanks,



**Sherees Thompson | Public Information Agent**

Facilities  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: [sthompson@tssa.org](mailto:sthompson@tssa.org)  
[www.tssa.org](http://www.tssa.org)

---

**From:** Mazachowsky, Deanna <deanna.mazachowsky@woodplc.com>  
**Sent:** January 26, 2021 10:32 AM  
**To:** Public Information Services <publicinformationservices@tssa.org>  
**Subject:** TSSA Search - IM20103037

**[CAUTION]:** This email originated outside the organisation.

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

Good morning,

Can you please inform me of any spills, fuel storage tanks, complaints or issues with the following addresses in Hamilton, Ontario:

Limeridge Road East  
164  
221  
209

Upper Wellington Street  
1430  
1400  
1411  
1355

Thank you,  
Deanna

**Deanna Mazachowsky, B.A., EP.**

Environmental Scientist

Direct: (905) 687 6616 x39

Mobile: (905) 329 5940

110 James Street, Suite 301, St. Catharines, ON, L2R 7E8

[deanna.mazachowsky@woodplc.com](mailto:deanna.mazachowsky@woodplc.com)

[www.woodplc.com](http://www.woodplc.com)



# **Appendix B**

## **Photographs**



**Photo 1:**

View of the Site from the northwest (Upper Wellington St. & Limeridge Rd. E.).

**Date:**

January 27, 2021

**Direction:**

Southeast



**Photo 2:**

HUSKY retail fuel outlet on the west side of Site.

**Date:**

January 27, 2021

**Direction:**

Northwest





**Photo 3:**  
Hamilton Builders' Supply on the west side of Site.

**Date:**  
January 27, 2021

**Direction:**  
Southwest



**Photo 4:**  
View of the Site facing south.

**Date:**  
January 27, 2021

**Direction:**  
South



**Photo 5:**  
View of the  
residential properties  
west of the Site.

**Date:**  
January 27, 2021

**Direction:**  
West



**Photo 6:**  
View of the  
residential properties  
east of the Site.

**Date:**  
January 27, 2021

**Direction:**  
North





**Photo 7:**

View of the parkland  
west of the Site.

**Date:**

January 27, 2021

**Direction:**

Southwest



**Photo 8:**

View of the Site from  
the northwest (Upper  
Wellington St. &  
Stone Church Rd.  
E.).

**Date:**

January 27, 2021

**Direction:**

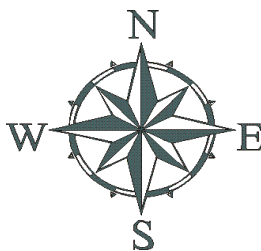
Southeast

# **Appendix C**

## **Aerial Photographs**



**1934 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

Not to Scale

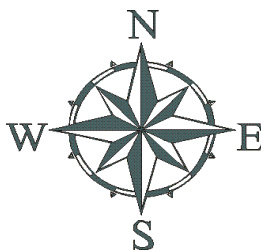
**Date:**

Feb-21





**1953 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

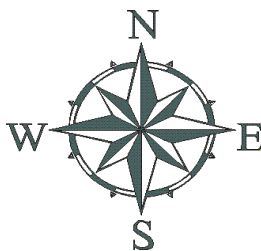
Not to Scale

**Date:**

Feb-21



**1963 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

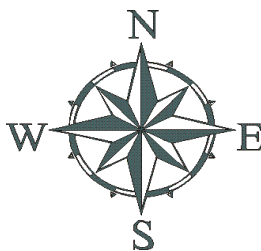
Not to Scale

**Date:**

Feb-21



**1973 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

Not to Scale

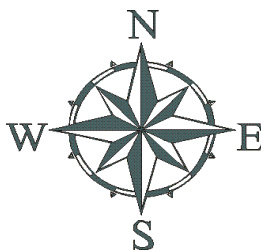
**Date:**

Feb-21





**1986 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

Not to Scale

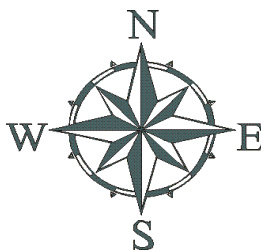
**Date:**

Feb-21





**1995 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

Not to Scale

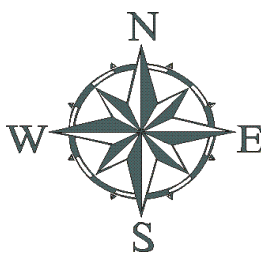
**Date:**

Feb-21





**2005 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

Not to Scale

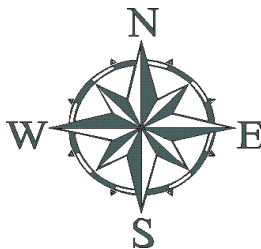
**Date:**

Feb-21





**2014 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

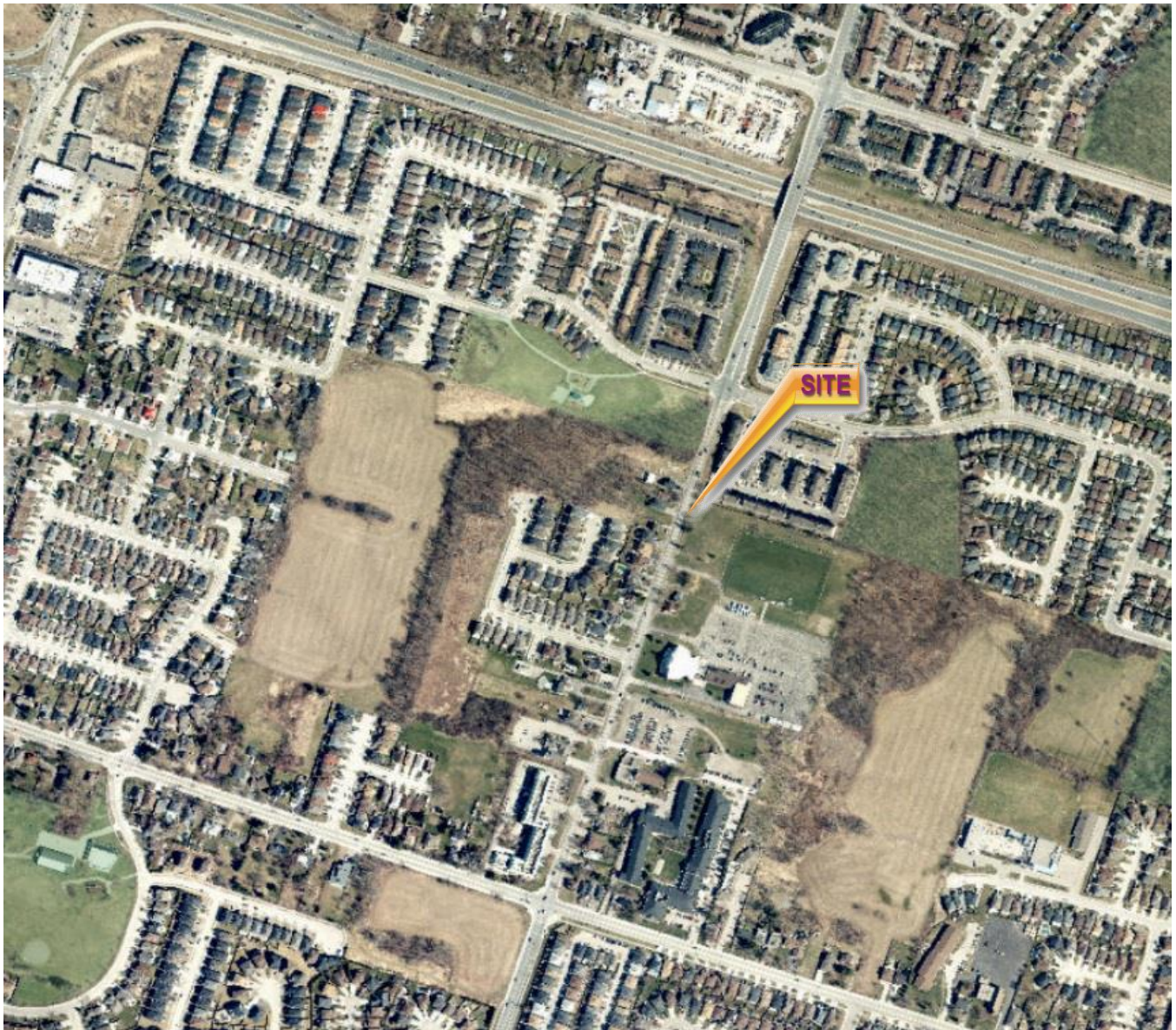
**Scale:**

Not to Scale

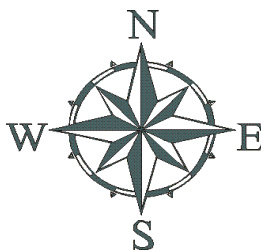
**Date:**

Feb-21





**2019 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Upper Wellington Road, Hamilton**

**Project No.:**

IM20103037

**Scale:**

Not to Scale

**Date:**

Feb-21

# **Appendix D**

## **ERIS Report**



# DATABASE REPORT

<b>Project Property:</b>	<i>Phase I ESA Upper Wellington Street Hamilton ON</i>
<b>Project No:</b>	<i>IM20103037</i>
<b>Report Type:</b>	<i>Quote - Custom-Build Your Own Report</i>
<b>Order No:</b>	<i>21012600147</i>
<b>Requested by:</b>	<i>Wood Environment &amp; Infrastructure Solutions, Inc.</i>
<b>Date Completed:</b>	<i>January 29, 2021</i>



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# Executive Summary

## **Property Information:**

**Project Property:** *Phase I ESA  
Upper Wellington Street Hamilton ON*

**Project No:** *IM20103037*

## **Order Information:**

**Order No:** *21012600147*

**Date Requested:** *January 26, 2021*

**Requested by:** *Wood Environment & Infrastructure Solutions, Inc.*

**Report Type:** *Quote - Custom-Build Your Own Report*

## **Historical/Products:**

**Aerial Photographs** *Aerials - National Collection*

## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.00km</b>	<b>Total</b>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	9	0	9
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	2	2
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	2	0	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	2	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	1	1
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	1	1
FSTH	Fuel Storage Tank - Historic	Y	0	1	1
GEN	Ontario Regulation 347 Waste Generators Summary	Y	1	16	17
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.00km</b>	<b>Total</b>
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	3	1	4
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	4	2	6
<b>Total:</b>			20	29	49

## 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>
<a href="#"><u>1</u></a>	WWIS		lot 13 con 7 ON  <i>Well ID:</i> 6800074	NNW/0.0	-2.58	<a href="#"><u>22</u></a>
<a href="#"><u>2</u></a>	EHS		1350-1354 Upper Wellington Street Hamilton ON L9A 3S9	SW/0.0	1.04	<a href="#"><u>24</u></a>
<a href="#"><u>3</u></a>	WWIS		lot 13 con 7 ON  <i>Well ID:</i> 6800069	SSW/0.0	1.95	<a href="#"><u>24</u></a>
<a href="#"><u>4</u></a>	WWIS		ON  <i>Well ID:</i> 6804404	SSW/0.0	0.97	<a href="#"><u>27</u></a>
<a href="#"><u>5</u></a>	CA	PRIMECAN HOLDINGS INC.- PT.LOT 13/CONC.7	UPPER WELLINGTON ST/TOWERCREST HAMILTON CITY ON	NNE/0.0	-5.29	<a href="#"><u>29</u></a>
<a href="#"><u>6</u></a>	CA	456941 Ontario Ltd.	1370 Upper Wellington Street Hamilton ON	SSW/0.0	0.81	<a href="#"><u>29</u></a>
<a href="#"><u>6</u></a>	ECA	456941 Ontario Ltd.	1370 Upper Wellington St Hamilton ON L8P 4W7	SSW/0.0	0.81	<a href="#"><u>30</u></a>
<a href="#"><u>6</u></a>	ECA	456941 Ontario Ltd.	1370 Upper Wellington St Hamilton ON L8P 4W7	SSW/0.0	0.81	<a href="#"><u>30</u></a>

<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>
<a href="#"><u>7</u></a>	WWIS		261 STONE CHURCH Hamilton ON  <i>Well ID: 7309881</i>	SSW/0.0	-1.26	<a href="#"><u>30</u></a>
<a href="#"><u>8</u></a>	SPL	TRANSPORT TRUCK	UPPER WELLINGTON AVE AT RED HILL EXPRESSWAY. MOTOR VEHICLE (OPERATING FLUID) HAMILTON CITY ON	NNE/0.0	-7.11	<a href="#"><u>32</u></a>
<a href="#"><u>9</u></a>	CA	SPALLACCI & SONS	UPPER WELLINGTON/LIMERIDGE RD. HAMILTON CITY ON	NNE/0.0	-8.30	<a href="#"><u>33</u></a>
<a href="#"><u>9</u></a>	CA	HAMILTON BAPTIST NON-PROFIT HOMES PH.3	LIMERIDGE RD. UPPER WELLINGTON HAMILTON CITY ON	NNE/0.0	-8.30	<a href="#"><u>33</u></a>
<a href="#"><u>9</u></a>	CA	HAMILTON BAPTIST NON-PROFIT HOMES PH. 3	UPPER WELLINGTON ST. LIMERIDGE HAMILTON CITY ON	NNE/0.0	-8.30	<a href="#"><u>34</u></a>
<a href="#"><u>9</u></a>	CA	R.M. OF HAMILTON-WENTWORTH	UPPER WELLINGTON ST./LIMERIDGE HAMILTON CITY ON	NNE/0.0	-8.30	<a href="#"><u>34</u></a>
<a href="#"><u>9</u></a>	CA	HAMILTON BAPTIST NON-PROFIT HOMES PH. 3	LIMERIDGE RD. UPPER WELLINGTON HAMILTON CITY ON	NNE/0.0	-8.30	<a href="#"><u>34</u></a>
<a href="#"><u>9</u></a>	CA	SPALLACCI & SONS	UPPER WELLINGTON/LIMERIDGE RD. HAMILTON CITY ON	NNE/0.0	-8.30	<a href="#"><u>34</u></a>
<a href="#"><u>9</u></a>	GEN	BOT (OUT OF BUS) 05-962	UPPER WELLINGTON ST. N. OF LIMERIDGE RD. HAMILTON C/O 1224 SPEERS ROAD OAKVILLE ON L6L 2X4	NNE/0.0	-8.30	<a href="#"><u>35</u></a>

<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>
<a href="#"><u>9</u></a>	SPL		Corner of Wellington St. and Lime Ridge St. Hamilton ON	NNE/0.0	-8.30	<a href="#"><u>35</u></a>
<a href="#"><u>10</u></a>	CA	R.M. OF HAMILTON- WENTWORTH-UP. WELLINGTON	UPPER WELLINGTON ST/STONE CHUR HAMILTON CITY ON	SSW/0.0	-3.21	<a href="#"><u>36</u></a>
<a href="#"><u>11</u></a>	SPL	ADVANCE EXCAVATING	UPPER WELLINGTON ST. (ACCESS FROM STONE CHURCH ROAD) MOTOR VEHICLE (OPERATING FLUID) HAMILTON CITY ON	SSW/0.0	-3.21	<a href="#"><u>36</u></a>

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<a href="#">12</a>	GEN	Barton Retirement Inc.	1430 Upper Wellington St.,, Hamilton ON L9A 5H3	SSW/2.7	-3.25	<a href="#">36</a>
<a href="#">12</a>	EASR	Barton Retirement Inc	1430 UPPER WELLINGTON ST HAMILTON ON L9A 5H3	SSW/2.7	-3.25	<a href="#">37</a>
<a href="#">12</a>	EHS		1430 Upper Wellington St Hamilton ON L9A 5H3	SSW/2.7	-3.25	<a href="#">37</a>
<a href="#">13</a>	WWIS		1411 UPPER WELLINGTON ST Hamilton ON <b>Well ID:</b> 7319530	SSW/3.3	-1.92	<a href="#">37</a>
<a href="#">14</a>	SPL		1355 Upper Wellington St Hamilton ON	SSW/3.5	0.81	<a href="#">40</a>
<a href="#">14</a>	GEN	BETHEL GOSPEL TABERNACLE INC.	1355 Upper Wellington Street Hamilton ON L9A 3S8	SSW/3.5	0.81	<a href="#">41</a>
<a href="#">15</a>	EHS		1411 Upper Wellington St Hamilton ON L9A 3S8	SSW/3.5	-1.54	<a href="#">41</a>
<a href="#">15</a>	RSC	SHALOM MANOR LONG TERM CARE HOME	1411 UPPER WELLINGTON STREET, HAMILTON, ON L9A 3S9 Hamilton ON	SSW/3.5	-1.54	<a href="#">41</a>
<a href="#">16</a>	PRT	CITY OF HAMILTON PUBLIC WORKS FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON L9A 3S9	SSW/4.3	-1.26	<a href="#">43</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Street Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">43</a>
<a href="#">16</a>	WWIS		lot 13 con 7 ON <b>Well ID:</b> 6800077	SSW/4.3	-1.26	<a href="#">43</a>
<a href="#">16</a>	FSTH	CITY OF HAMILTON DIRECTOR, FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON L9A 3S9	SSW/4.3	-1.26	<a href="#">45</a>



<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>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">46</a>
<a href="#">16</a>	DTNK	CITY OF HAMILTON DIRECTOR; FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON	SSW/4.3	-1.26	<a href="#">46</a>
<a href="#">16</a>	DTNK	CITY OF HAMILTON DIRECTOR; FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON	SSW/4.3	-1.26	<a href="#">46</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">47</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">47</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">47</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">47</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">47</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON	SSW/4.3	-1.26	<a href="#">48</a>
<a href="#">16</a>	EXP	CITY OF HAMILTON DIRECTOR, FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA ON	SSW/4.3	-1.26	<a href="#">48</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">48</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">49</a>
<a href="#">16</a>	GEN	City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">49</a>
<a href="#">16</a>	GEN	City of Hamilton Hamilton Emergency Services	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#">49</a>

<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>
<a href="#"><u>16</u></a>	GEN	Hamilton, Corporation of the City of	1400 UPPER WELLINGTON STREET Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#"><u>50</u></a>
<a href="#"><u>16</u></a>	GEN	Hamilton, Corporation of the City of	1400 UPPER WELLINGTON STREET Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#"><u>50</u></a>
<a href="#"><u>16</u></a>	GEN	City of Hamilton Hamilton Emergency Services	1400 Upper Wellington Hamilton ON L9A 3S9	SSW/4.3	-1.26	<a href="#"><u>50</u></a>
<a href="#"><u>16</u></a>	FST	CITY OF HAMILTON DIRECTOR, FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA ON	SSW/4.3	-1.26	<a href="#"><u>50</u></a>

## Executive Summary: Summary By Data Source

### **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 9 CA site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
PRIMECAN HOLDINGS INC.-PT.LOT 13/CONC.7	UPPER WELLINGTON ST/TOWERCREST HAMILTON CITY ON	0.0	<a href="#"><u>5</u></a>
456941 Ontario Ltd.	1370 Upper Wellington Street Hamilton ON	0.0	<a href="#"><u>6</u></a>
SPALLACCI & SONS	UPPER WELLINGTON/LIMERIDGE RD. HAMILTON CITY ON	0.0	<a href="#"><u>9</u></a>
R.M. OF HAMILTON-WENTWORTH	UPPER WELLINGTON ST./LIMERIDGE HAMILTON CITY ON	0.0	<a href="#"><u>9</u></a>
SPALLACCI & SONS	UPPER WELLINGTON/LIMERIDGE RD. HAMILTON CITY ON	0.0	<a href="#"><u>9</u></a>
HAMILTON BAPTIST NON-PROFIT HOMES PH. 3	LIMERIDGE RD. UPPER WELLINGTON HAMILTON CITY ON	0.0	<a href="#"><u>9</u></a>
HAMILTON BAPTIST NON-PROFIT HOMES PH.3	LIMERIDGE RD. UPPER WELLINGTON HAMILTON CITY ON	0.0	<a href="#"><u>9</u></a>
HAMILTON BAPTIST NON-PROFIT HOMES PH. 3	UPPER WELLINGTON ST.LIMERIDGE HAMILTON CITY ON	0.0	<a href="#"><u>9</u></a>
R.M. OF HAMILTON-WENTWORTH-UP.WELLINGTON	UPPER WELLINGTON ST/STONE CHUR HAMILTON CITY ON	0.0	<a href="#"><u>10</u></a>

## **DTNK - Delisted Fuel Tanks**

A search of the DTNK database, dated Jul 31, 2020 has found that there are 2 DTNK site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CITY OF HAMILTON DIRECTOR; FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON	4.3	<a href="#"><u>16</u></a>
CITY OF HAMILTON DIRECTOR; FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON	4.3	<a href="#"><u>16</u></a>

## **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011-Dec 31, 2020 has found that there are 1 EASR site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Barton Retirement Inc	1430 UPPER WELLINGTON ST HAMILTON ON L9A 5H3	2.7	<a href="#"><u>12</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 2 ECA site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
456941 Ontario Ltd.	1370 Upper Wellington St Hamilton ON L8P 4W7	0.0	<a href="#"><u>6</u></a>
456941 Ontario Ltd.	1370 Upper Wellington St Hamilton ON L8P 4W7	0.0	<a href="#"><u>6</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 3 EHS site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1350-1354 Upper Wellington Street Hamilton ON L9A 3S9	0.0	<a href="#"><u>2</u></a>
	1430 Upper Wellington St Hamilton ON L9A 5H3	2.7	<a href="#"><u>12</u></a>
	1411 Upper Wellington St Hamilton ON L9A 3S8	3.5	<a href="#"><u>15</u></a>

### **EXP - List of Expired Fuels Safety Facilities**

A search of the EXP database, dated Jul 31, 2020 has found that there are 1 EXP site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF HAMILTON DIRECTOR, FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA ON	4.3	<a href="#"><u>16</u></a>

### **FST - Fuel Storage Tank**

A search of the FST database, dated Jul 31, 2020 has found that there are 1 FST site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF HAMILTON DIRECTOR, FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA ON	4.3	<a href="#"><u>16</u></a>

### **FSTH - Fuel Storage Tank - Historic**

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 1 FSTH site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF HAMILTON DIRECTOR, FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON L9A 3S9	4.3	<a href="#"><u>16</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 17 GEN site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
BOT (OUT OF BUS) 05-962	UPPER WELLINGTON ST. N. OF LIMERIDGE RD. HAMILTON C/O 1224 SPEERS ROAD OAKVILLE ON L6L 2X4	0.0	<a href="#"><u>9</u></a>
Barton Retirement Inc.	1430 Upper Wellington St.,, Hamilton ON L9A 5H3	2.7	<a href="#"><u>12</u></a>
BETHEL GOSPEL TABERNACLE INC.	1355 Upper Wellington Street Hamilton ON L9A 3S8	3.5	<a href="#"><u>14</u></a>
City of Hamilton Hamilton Emergency Services	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
Hamilton, Corporation of the City of	1400 UPPER WELLINGTON STREET Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
Hamilton, Corporation of the City of	1400 UPPER WELLINGTON STREET Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton Hamilton Emergency Services	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON	4.3	<a href="#"><u>16</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>
City of Hamilton	1400 Upper Wellington Street Hamilton ON L9A 3S9	4.3	<a href="#"><u>16</u></a>

### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CITY OF HAMILTON PUBLIC WORKS FLEET SERVICES	1400 UPPER WELLINGTON HAMILTON ON L9A 3S9	4.3	<a href="#"><u>16</u></a>

### **RSC - Record of Site Condition**

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2020 has found that there are 1 RSC site(s) within approximately 0.00 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
SHALOM MANOR LONG TERM CARE HOME	1411 UPPER WELLINGTON STREET, HAMILTON, ON L9A 3S9 Hamilton ON	3.5	<a href="#"><u>15</u></a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 4 SPL site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TRANSPORT TRUCK	UPPER WELLINGTON AVE AT RED HILL EXPRESSWAY. MOTOR VEHICLE (OPERATING FLUID) HAMILTON CITY ON	0.0	<a href="#"><u>8</u></a>
	Corner of Wellington St. and Lime Ridge St. Hamilton ON	0.0	<a href="#"><u>9</u></a>
ADVANCE EXCAVATING	UPPER WELLINGTON ST. (ACCESS FROM STONE CHURCH ROAD) MOTOR VEHICLE (OPERATING FLUID) HAMILTON CITY ON	0.0	<a href="#"><u>11</u></a>
	1355 Upper Wellington St Hamilton ON	3.5	<a href="#"><u>14</u></a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Apr 30, 2020 has found that there are 6 WWIS site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 7 ON  <i>Well ID:</i> 6800074	0.0	<a href="#"><u>1</u></a>
	lot 13 con 7 ON  <i>Well ID:</i> 6800069	0.0	<a href="#"><u>3</u></a>
	ON  <i>Well ID:</i> 6804404	0.0	<a href="#"><u>4</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	261 STONE CHURCH Hamilton ON  <i>Well ID:</i> 7309881	0.0	<a href="#"><u>7</u></a>
	1411 UPPER WELLINGTON ST Hamilton ON  <i>Well ID:</i> 7319530	3.3	<a href="#"><u>13</u></a>
	lot 13 con 7 ON  <i>Well ID:</i> 6800077	4.3	<a href="#"><u>16</u></a>



## Map : 0.005 Kilometer Radius

Order Number: 21012600147

Address: Upper Wellington Street, Hamilton, ON



<span style="border: 2px solid red; padding: 2px;"> </span> Project Property	<span style="border-bottom: 3px double black; width: 20px; display: inline-block;"></span> Expressway	<span style="border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span> Industrial and Resource - Regions	<span style="background-color: #808000; width: 20px; height: 10px; display: inline-block;"></span> National Park
<span style="border: 2px dashed red; padding: 2px;"> </span> Buffer Outline	<span style="border-bottom: 2px solid red; width: 20px; display: inline-block;"></span> Principal Highway	<span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> Main Line	<span style="background-color: #6b8e23; width: 20px; height: 10px; display: inline-block;"></span> Provincial or Territorial Park
<span style="color: yellow;">▲</span> Eris Sites with Higher Elevation	<span style="border-bottom: 2px solid orange; width: 20px; display: inline-block;"></span> Secondary Highway	<span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> Sidetrack	<span style="background-color: #4caf50; width: 20px; height: 10px; display: inline-block;"></span> Other Park
<span style="color: orange;">■</span> Eris Sites with Same Elevation	<span style="border-bottom: 2px solid black; width: 20px; display: inline-block;"></span> Major Road	<span style="border-bottom: 1px solid blue; width: 20px; display: inline-block;"></span> Transit Line	<span style="background-color: #2e7d32; width: 20px; height: 10px; display: inline-block;"></span> Golf Course or Driving Range
<span style="color: red;">▼</span> Eris Sites with Lower Elevation	<span style="border-bottom: 1px solid gray; width: 20px; display: inline-block;"></span> Local road	<span style="border-bottom: 1px dashed gray; width: 20px; display: inline-block;"></span> Abandoned Line	<span style="background-color: #5e814c; width: 20px; height: 10px; display: inline-block;"></span> Park or Sports Field
<span style="color: gray;">○</span> Eris Sites with Unknown Elevation	<span style="border-bottom: 1px solid green; width: 20px; display: inline-block;"></span> Trail		<span style="background-color: #4db6ac; width: 20px; height: 10px; display: inline-block;"></span> Other Recreation Area
	<span style="border-bottom: 2px solid gray; width: 20px; display: inline-block;"></span> Proposed Road		
	<span style="border-bottom: 1px dashed gray; width: 20px; display: inline-block;"></span> Ferry Route/Ice Road		





**Aerial** Year: 2015

**Address: Upper Wellington Street, Hamilton, ON**

Source: ESRI World Imagery

Order Number: 21012600147



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79°54'W

79°52'30"W

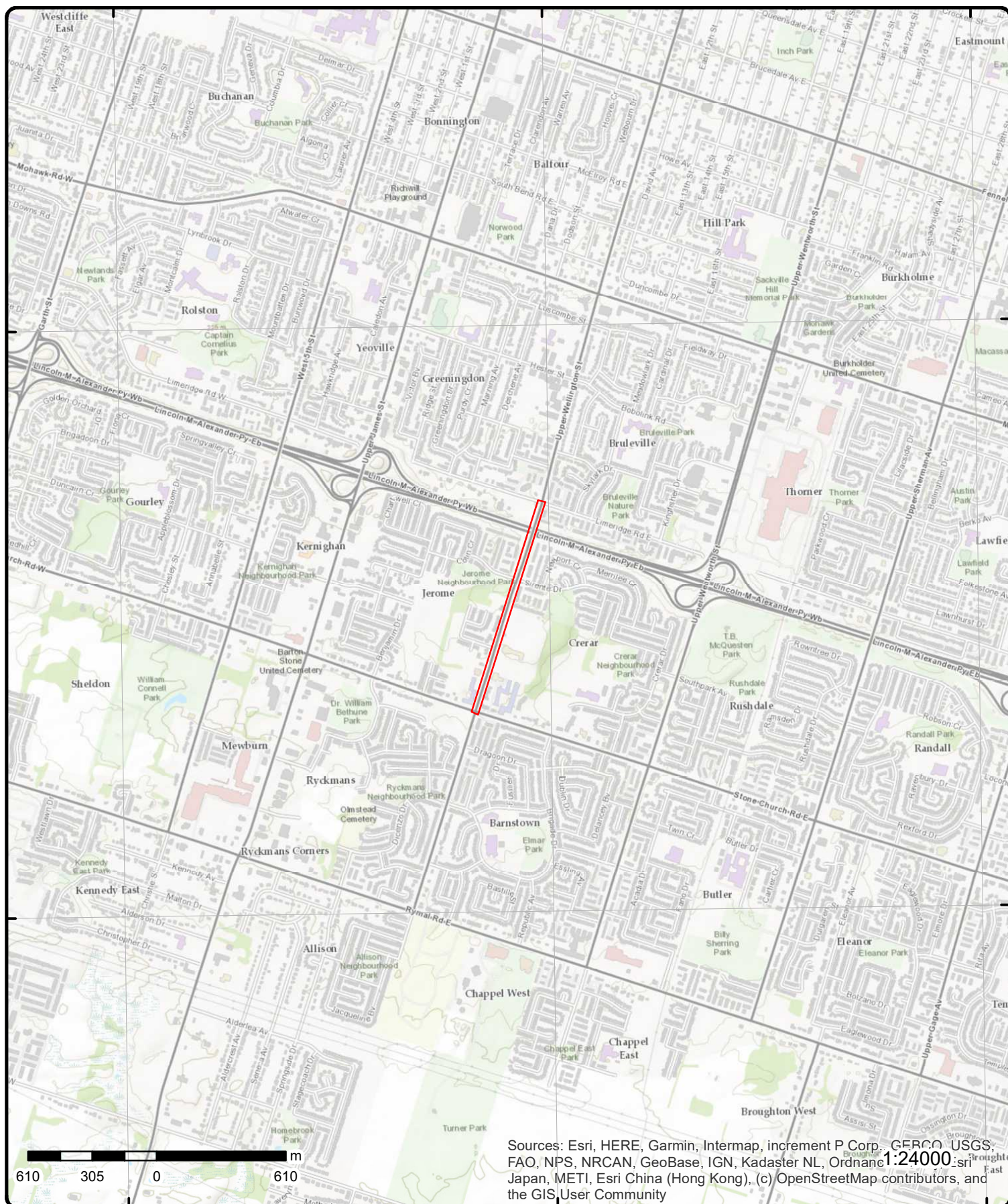
79°51'W

43°13'30"N

43°13'30"N

43°12'N

43°12'N



# Topographic Map

Address: Upper Wellington Street, ON

Source: ESRI World Topographic Map

Order Number: 21012600147



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<a href="#">1</a>	1 of 1	NNW/0.0	216.4 / -2.58	lot 13 con 7 ON	WWIS
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<b>Well ID:</b>	6800074	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	10/18/1957
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1643
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	WENTWORTH
<b>Elevation (m):</b>		<b>Municipality:</b>	HAMILTON CITY (BARTON)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	013
<b>Well Depth:</b>		<b>Concession:</b>	07
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/680\6800074.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/680\6800074.pdf)

## Bore Hole Information

<b>Bore Hole ID:</b>	10477625	<b>Elevation:</b>	218.488555
<b>DP2BR:</b>	6	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	591177.4
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4785113
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	7/5/1957	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

## Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	932663605
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		6			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932663606			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		6			
<b>Formation End Depth:</b>		33			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966800074			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11026195			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930779602			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		6			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930779603			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		33			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:	996800074				
Pump Set At:					
Static Level:	13				
Final Level After Pumping:	30				
Recommended Pump Depth:					
Pumping Rate:	1				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	No				
<u>Water Details</u>					
Water ID:	933968606				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	33				
Water Found Depth UOM:	ft				
<a href="#">2</a>	1 of 1	SW/0.0	220.1 / 1.04	1350-1354 Upper Wellington Street Hamilton ON L9A 3S9	EHS
Order No:	20090716016			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Site Report			Client Prov/State:	ON
Report Date:	7/20/2009			Search Radius (km):	0.25
Date Received:	7/16/2009			X:	-79.877819
Previous Site Name:				Y:	43.212585
Lot/Building Size:	2 acres				
Additional Info Ordered:	Fire Insur. Maps and/or Sire Plans; Title Searches; Aerial Photos; City Directory				
<a href="#">3</a>	1 of 1	SSW/0.0	221.0 / 1.95	lot 13 con 7 ON	WWIS
Well ID:	6800069			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/21/1952
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1620
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	WENTWORTH
Elevation (m):				Municipality:	HAMILTON CITY (BARTON)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	013
Well Depth:				Concession:	07
Overburden/Bedrock:				Concession Name:	CON



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/680\6800069.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10477620			Elevation:	220.405456
DP2BR:	6			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	591135.4
Code OB Desc:	Bedrock			North83:	4784978
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	3/6/1952			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932663591				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	6				
Formation End Depth:	29				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932663590				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	6				
Formation End Depth UOM:	ft				
<u>Method of Construction &amp; Well</u>					
Use					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<hr/>					
<b>Method Construction ID:</b>		966800069			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
 <b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11026190			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
 <b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930779593			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		29			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
 <b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930779592			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		6			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
 <b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996800069			
<b>Pump Set At:</b>					
<b>Static Level:</b>		18			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		No			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933968601			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:	24				
Water Found Depth UOM:	ft				

<a href="#">4</a>	1 of 1	SSW/0.0	220.0 / 0.97	ON	WWIS
Well ID:	6804404			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/12/1963
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2803
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction				County:	WENTWORTH
Method:				Municipality:	HAMILTON CITY
Elevation (m):				Site Info:	
Elevation Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Flowing (Y/N):				UTM Reliability:	
Flow Rate:					
Clear/Cloudy:					

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/680\6804404.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/680\6804404.pdf)

#### Bore Hole Information

Bore Hole ID:	10481865	Elevation:	220.393493
DP2BR:	6	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	591163.3
Code OB Desc:	Bedrock	North83:	4784966
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/16/1963	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	932676387
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	6

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932676388			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		6			
<b>Formation End Depth:</b>		53			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966804404			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11030435			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930787366			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		6			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930787367			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		53			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996804404			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Set At:</b> <b>Static Level:</b> 43 <b>Final Level After Pumping:</b> 48 <b>Recommended Pump Depth:</b> 52 <b>Pumping Rate:</b> 5 <b>Flowing Rate:</b> <b>Recommended Pump Rate:</b> 3 <b>Levels UOM:</b> ft <b>Rate UOM:</b> GPM <b>Water State After Test Code:</b> 1 <b>Water State After Test:</b> CLEAR <b>Pumping Test Method:</b> 1 <b>Pumping Duration HR:</b> 1 <b>Pumping Duration MIN:</b> 0 <b>Flowing:</b> No					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933973013 <b>Layer:</b> 1 <b>Kind Code:</b> 1 <b>Kind:</b> FRESH <b>Water Found Depth:</b> 46 <b>Water Found Depth UOM:</b> ft					
<a href="#"><u>5</u></a>	1 of 1	NNE/0.0	213.7 / -5.29	PRIMECAN HOLDINGS INC.-PT.LOT 13/CONC.7 UPPER WELLINGTON ST/TOWERCREST HAMILTON CITY ON	CA
<b>Certificate #:</b> 7-0616-92- <b>Application Year:</b> 92 <b>Issue Date:</b> 7/2/1992 <b>Approval Type:</b> Municipal water <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#"><u>6</u></a>	1 of 3	SSW/0.0	219.8 / 0.81	456941 Ontario Ltd. 1370 Upper Wellington Street Hamilton ON	CA
<b>Certificate #:</b> 6111-6QXGQ2 <b>Application Year:</b> 2006 <b>Issue Date:</b> 6/24/2006 <b>Approval Type:</b> Municipal and Private Sewage Works <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">6</a>	2 of 3	SSW/0.0	219.8 / 0.81	456941 Ontario Ltd. 1370 Upper Wellington St Hamilton ON L8P 4W7	ECA
<div> <div> <b>Approval No:</b> 6111-6QXGQ2  <b>Approval Date:</b> 2006-06-24  <b>Status:</b> Approved  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b>  <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS  <b>Address:</b> 1370 Upper Wellington St  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2001-6QRR6T-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2001-6QRR6T-14.pdf</a> </div> <div> <b>MOE District:</b>  <b>City:</b>  <b>Longitude:</b>  <b>Latitude:</b>  <b>Geometry X:</b>  <b>Geometry Y:</b> </div> </div>					
<a href="#">6</a>	3 of 3	SSW/0.0	219.8 / 0.81	456941 Ontario Ltd. 1370 Upper Wellington St Hamilton ON L8P 4W7	ECA
<div> <div> <b>Approval No:</b> 7787-6QXGV3  <b>Approval Date:</b> 2006-06-24  <b>Status:</b> Approved  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b>  <b>Approval Type:</b> ECA-Municipal Drinking Water Systems  <b>Project Type:</b> Municipal Drinking Water Systems  <b>Address:</b> 1370 Upper Wellington St  <b>Full Address:</b>  <b>Full PDF Link:</b> </div> <div> <b>MOE District:</b>  <b>City:</b>  <b>Longitude:</b>  <b>Latitude:</b>  <b>Geometry X:</b>  <b>Geometry Y:</b> </div> </div>					
<a href="#">7</a>	1 of 1	SSW/0.0	217.8 / -1.26	261 STONE CHURCH Hamilton ON	WWIS
<div> <div> <b>Well ID:</b> 7309881  <b>Construction Date:</b>  <b>Primary Water Use:</b> Monitoring  <b>Sec. Water Use:</b>  <b>Final Well Status:</b> Observation Wells  <b>Water Type:</b>  <b>Casing Material:</b>  <b>Audit No:</b> Z284100  <b>Tag:</b>  <b>Construction Method:</b>  <b>Elevation (m):</b>  <b>Elevation Reliability:</b>  <b>Depth to Bedrock:</b>  <b>Well Depth:</b>  <b>Overburden/Bedrock:</b>  <b>Pump Rate:</b>  <b>Static Water Level:</b>  <b>Flowing (Y/N):</b>  <b>Flow Rate:</b>  <b>Clear/Cloudy:</b> </div> <div> <b>Data Entry Status:</b>  <b>Data Src:</b>  <b>Date Received:</b> 4/26/2018  <b>Selected Flag:</b> Yes  <b>Abandonment Rec:</b>  <b>Contractor:</b> 7360  <b>Form Version:</b> 7  <b>Owner:</b>  <b>Street Name:</b> 261 STONE CHURCH  <b>County:</b> WENTWORTH    <b>Municipality:</b> HAMILTON CITY  <b>Site Info:</b>  <b>Lot:</b>  <b>Concession:</b>  <b>Concession Name:</b>  <b>Easting NAD83:</b>  <b>Northing NAD83:</b>  <b>Zone:</b>  <b>UTM Reliability:</b> </div> </div>					
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7309881.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7309881.pdf</a>			

#### Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	1007030657			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	591095
Code OB Desc:				North83:	4784759
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/12/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007250585				
Layer:	1				
Color:					
General Color:					
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007250586				
Layer:	2				
Color:					
General Color:					
Mat1:	26				
Most Common Material:	ROCK				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	2				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1007250593				
Layer:	1				
Plug From:	8				
Plug To:	0				
Plug Depth UOM:	ft				
 <u>Method of Construction &amp; Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Method Construction ID:</b>		1007250592			
<b>Method Construction Code:</b>		B			
<b>Method Construction:</b>		Other Method			
<b>Other Method Construction:</b>		AUGER			
 <b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007250584			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
 <b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1007250589			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		10			
<b>Casing Diameter:</b>		2			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
 <b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007250590			
<b>Layer:</b>		1			
<b>Slot:</b>		.10			
<b>Screen Top Depth:</b>		10			
<b>Screen End Depth:</b>		25			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		2			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		1007250588			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
 <b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007250587			
<b>Diameter:</b>		6			
<b>Depth From:</b>		0			
<b>Depth To:</b>		25			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<hr/>					
<a href="#"><u>8</u></a>	1 of 1	NNE/0.0	211.9 / -7.11	TRANSPORT TRUCK UPPER WELLINGTON AVE AT RED HILL EXPRESSWAY. MOTOR VEHICLE (OPERATING FLUID) HAMILTON CITY ON	SPL



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	87527  6/24/1993  PIPE/HOSE LEAK           POSSIBLE Soil contamination LAND       6/24/1993  EQUIPMENT FAILURE			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b>  <b>Site Municipality:</b> 16101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> REG OF HAM/WENTWORTH <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>				TRANSPORT TRUCK-UNKNOWN QTY HYDRAULIC OIL TO ROAD,REG ON SITE.	
<u>9</u>	1 of 8	NNE/0.0	210.7 / -8.30	<b>SPALLACCI &amp; SONS</b> <b>UPPER WELLINGTON/LIMERIDGE RD.</b> <b>HAMILTON CITY ON</b>	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<u>9</u>	2 of 8	NNE/0.0	210.7 / -8.30	<b>HAMILTON BAPTIST NON-PROFIT HOMES PH.3</b> <b>LIMEDRIDGE RD.UPPER WELLINGTON</b> <b>HAMILTON CITY ON</b>	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">9</a>	3 of 8	NNE/0.0	210.7 / -8.30	HAMILTON BAPTIST NON-PROFIT HOMES PH. 3 UPPER WELLINGTON ST./LIMERIDGE HAMILTON CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		3-1972-88-88 10/24/1988 Municipal sewage Approved			
<a href="#">9</a>	4 of 8	NNE/0.0	210.7 / -8.30	R.M. OF HAMILTON-WENTWORTH UPPER WELLINGTON ST./LIMERIDGE HAMILTON CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		7-0004-93-93 1/13/1993 Municipal water Approved			
<a href="#">9</a>	5 of 8	NNE/0.0	210.7 / -8.30	HAMILTON BAPTIST NON-PROFIT HOMES PH. 3 LIMERIDGE RD. UPPER WELLINGTON HAMILTON CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		7-1675-88-88 10/24/1988 Municipal water Approved			
<a href="#">9</a>	6 of 8	NNE/0.0	210.7 / -8.30	SPALLACCI & SONS UPPER WELLINGTON/LIMERIDGE RD. HAMILTON CITY ON	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Certificate #:</b> 7-0264-87- <b>Application Year:</b> 87 <b>Issue Date:</b> 3/20/1987 <b>Approval Type:</b> Municipal water <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#"><u>9</u></a>	7 of 8	NNE/0.0	210.7 / -8.30	<b>BOT (OUT OF BUS) 05-962</b> <b>UPPER WELLINGTON ST. N. OF LIMERIDGE RD.</b> <b>HAMILTON C/O 1224 SPEERS ROAD</b> <b>OAKVILLE ON L6L 2X4</b>	GEN
<b>Generator No:</b> ON0652212 <b>Status:</b> <b>Approval Years:</b> 92,93,94,95,96,97,98 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 3192 <b>SIC Description:</b> CONSTRTUCTION EQUIP.  <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 213 <b>Waste Class Desc:</b> PETROLEUM DISTILLATES  <b>Waste Class:</b> 252 <b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS					
<a href="#"><u>9</u></a>	8 of 8	NNE/0.0	210.7 / -8.30	<b>Corner of Wellington St. and Lime Ridge St.</b> <b>Hamilton ON</b>	SPL
<b>Ref No:</b> 7134-6YZRKY <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Other Discharges <b>Incident Event:</b> <b>Contaminant Code:</b> 15 <b>Contaminant Name:</b> HYDRAULIC OIL <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Not Anticipated <b>Nature of Impact:</b> Other Impact(s) <b>Receiving Medium:</b> Land <b>Receiving Env:</b> <b>MOE Response:</b> Deferred Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 3/5/2007 <b>Dt Document Closed:</b> 5/3/2007 <b>Incident Reason:</b> Unknown - Reason not determined <b>Site Name:</b> Road Side<UNOFFICIAL> <b>Site County/District:</b>					
<b>Discharger Report:</b> <b>Material Group:</b> Oil <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other Motor Vehicle <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b>  <b>Site Municipality:</b> Hamilton <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Hamilton: Spill of hydraulic oil to road, cleaned up <b>Contaminant Qty:</b> Unknown other - see incident description					
<a href="#">10</a>	1 of 1	SSW/0.0	215.8 / -3.21	R.M. OF HAMILTON-WENTWORTH-UP. WELLINGTON UPPER WELLINGTON ST/STONE CHUR HAMILTON CITY ON	CA
<b>Certificate #:</b> 3-1785-90- <b>Application Year:</b> 90 <b>Issue Date:</b> 10/1/1990 <b>Approval Type:</b> Municipal sewage <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">11</a>	1 of 1	SSW/0.0	215.8 / -3.21	ADVANCE EXCAVATING UPPER WELLINGTON ST. (ACCESS FROM STONE CHURCH ROAD) MOTOR VEHICLE (OPERATING FLUID) HAMILTON CITY ON	SPL
<b>Ref No:</b> 87535 <b>Site No:</b> <b>Incident Dt:</b> 6/24/1993 <b>Year:</b> <b>Incident Cause:</b> OTHER CONTAINER LEAK <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> NOT ANTICIPATED <b>Nature of Impact:</b> <b>Receiving Medium:</b> LAND <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 6/24/1993 <b>Dt Document Closed:</b> <b>Incident Reason:</b> UNKNOWN <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> ADVANCE EXCAVATING-DIESELFUEL TO DRIVEWAY & ROAD FROM CONSTRUCTION TRUCK <b>Contaminant Qty:</b>					
<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> 16101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>					
<a href="#">12</a>	1 of 3	SSW/2.7	215.8 / -3.25	Barton Retirement Inc. 1430 Upper Wellington St.,, Hamilton ON L9A 5H3	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Generator No:</b> ON7717932 <b>Status:</b> <b>Approval Years:</b> 02,03,04 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 252 <b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS					
<a href="#">12</a>	2 of 3	SSW/2.7	215.8 / -3.25	<b>Barton Retirement Inc</b> <b>1430 UPPER WELLINGTON ST</b> <b>HAMILTON ON L9A 5H3</b>	EASR
<b>Approval No:</b> R-002-8628887679 <b>Status:</b> REGISTERED <b>Date:</b> 2016-08-25 <b>Record Type:</b> EASR <b>Link Source:</b> MOFA <b>Project Type:</b> Standby Power System <b>Full Address:</b> <b>Approval Type:</b> EASR-Standby Power System <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2024215">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2024215</a>					
<b>SWP Area Name:</b> Hamilton <b>MOE District:</b> Hamilton <b>Municipality:</b> HAMILTON <b>Latitude:</b> 43.20944444 <b>Longitude:</b> -79.87972222 <b>Geometry X:</b> <b>Geometry Y:</b>					
<a href="#">12</a>	3 of 3	SSW/2.7	215.8 / -3.25	<b>1430 Upper Wellington St</b> <b>Hamilton ON L9A 5H3</b>	EHS
<b>Order No:</b> 20291700086 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 22-SEP-20 <b>Date Received:</b> 17-SEP-20 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.8797349 <b>Y:</b> 43.2095822					
<a href="#">13</a>	1 of 1	SSW/3.3	217.1 / -1.92	<b>1411 UPPER WELLINGTON ST</b> <b>Hamilton ON</b>	WWIS
<b>Well ID:</b> 7319530 <b>Construction Date:</b> <b>Primary Water Use:</b> Monitoring <b>Sec. Water Use:</b> <b>Final Well Status:</b> Observation Wells <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> Z294622 <b>Tag:</b> A254146 <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b>					
<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 10/4/2018 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 7190 <b>Form Version:</b> 7 <b>Owner:</b> <b>Street Name:</b> 1411 UPPER WELLINGTON ST <b>County:</b> WENTWORTH <b>Municipality:</b> HAMILTON CITY (BARTON) <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:					
PDF URL (Map):					
<b><u>Bore Hole Information</u></b>					
Bore Hole ID:	1007291636			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	591098
Code OB Desc:				North83:	4784743
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/17/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	1007560878				
Layer:	3				
Color:	1				
General Color:	WHITE				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	2				
Formation End Depth:	36				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	1007560876				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:	77				
Mat2 Desc:	LOOSE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	.5				
Formation End Depth UOM:	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
Formation ID:	1007560877				
Layer:	2				
Color:	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		34			
Mat2 Desc:		TILL			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		.5			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1007560887			
Layer:		3			
Plug From:		25			
Plug To:		36			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1007560885			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		1007560886			
Layer:		2			
Plug From:		1			
Plug To:		25			
Plug Depth UOM:		ft			
 <u>Method of Construction &amp; Well</u> <u>Use</u>					
Method Construction ID:		1007560884			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1007560874			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1007560881			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		31			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing Diameter:		1.5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		1007560882			
Layer:		1			
Slot:		.01			
Screen Top Depth:		31			
Screen End Depth:		36			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		1.5			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1007560875			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
 <u>Water Details</u>					
Water ID:		1007560880			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		25			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1007560879			
Diameter:		3			
Depth From:		0			
Depth To:		36			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<hr/>					
<u>14</u>	1 of 2	SSW/3.5	219.8 / 0.81	1355 Upper Wellington St Hamilton ON	SPL
Ref No:	8522-A585JC			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	12/14/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:				Agency Involved:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b>  <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	35 NATURAL GAS (METHANE)          No 12/14/2015   Weather Conditions Bethel Gospel Tabernacle Church<UNOFFICIAL>   TSSA: church gas service blown off, made safe 0 other - see incident description			<b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b>  <b>Source Type:</b>	1355 Upper Wellington St     Hamilton          TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<a href="#">14</a>	2 of 2	SSW/3.5	219.8 / 0.81	<b>BETHEL GOSPEL TABERNACLE INC.</b> 1355 Upper Wellington Street Hamilton ON L9A 3S8	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>  <b>Detail(s)</b>  <b>Waste Class:</b> <b>Waste Class Desc:</b>	ON8701556 Registered As of Jul 2020       212 L Aliphatic solvents and residues			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada
<a href="#">15</a>	1 of 2	SSW/3.5	217.5 / -1.54	1411 Upper Wellington St Hamilton ON L9A 3S8	EHS
<b>Order No:</b> <b>Status:</b> <b>Report Type:</b> <b>Report Date:</b> <b>Date Received:</b> <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>	20121107028 C Standard Select Report 16-NOV-12 07-NOV-12 2.36A Title Searches; City Directory			<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> <b>Search Radius (km):</b> <b>X:</b> <b>Y:</b>	Hamilton Wentworth ON .25 -79.878308 43.210058
<a href="#">15</a>	2 of 2	SSW/3.5	217.5 / -1.54	<b>SHALOM MANOR LONG TERM CARE HOME</b> 1411 UPPER WELLINGTON STREET, HAMILTON, ON L9A 3S9 Hamilton ON	RSC
<b>RSC ID:</b> <b>RA No:</b> <b>RSC Type:</b> <b>Curr Property Use:</b> <b>Ministry District:</b> <b>Filing Date:</b>	226332 Phase 1 and 2 RSC Community Hamilton District Office 2020/01/09			<b>Cert Date:</b> <b>Cert Prop Use No:</b> <b>Intended Prop Use:</b> <b>Qual Person Name:</b> <b>Stratified (Y/N):</b> <b>Audit (Y/N):</b>	Residential MELISSA KING

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Date Ack:</b> <b>Date Returned:</b> <b>Restoration Type:</b> <b>Soil Type:</b> <b>Criteria:</b> <b>CPU Issued Sect</b> <b>1686:</b> <b>Asmt Roll No:</b> <b>Prop ID No (PIN):</b> <b>Property Municipal Address:</b> <b>Mailing Address:</b> <b>Latitude &amp; Longitude:</b> <b>UTM Coordinates:</b> <b>Consultant:</b> <b>Legal Desc:</b> <b>Measurement Method:</b> <b>Applicable Standards:</b> <b>RSC PDF:</b>		<b>Entire Leg Prop. (Y/N):</b> <b>Accuracy Estimate:</b> <b>Telephone:</b> <b>Fax:</b> <b>Email:</b>			
		2518070841027400000 16942-0406 (LT) 1411 UPPER WELLINGTON STREET, HAMILTON, ON L9A 3S9			
<b>Document(s) Detail</b>					
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		17HX028 CSM for RSC 2019-11-22 final.pdf			
<b>Document Type:</b>		Phase 2 Conceptual Site Model			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121356&amp;fileName=17HX028+CSM+for+RSC+2019-11-22++final.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121356&amp;fileName=17HX028+CSM+for+RSC+2019-11-22++final.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		ON874173.pdf			
<b>Document Type:</b>		Certificate of Status			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121360&amp;fileName=ON874173.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121360&amp;fileName=ON874173.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		17HX028 Table of Current and Past Uses.pdf			
<b>Document Type:</b>		Table of Current and Past Property Use			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121357&amp;fileName=17HX028+Table+of+Current+and+Past+Uses.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121357&amp;fileName=17HX028+Table+of+Current+and+Past+Uses.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		2019-05-17-Agent Authorization Letter.pdf			
<b>Document Type:</b>		Proof of the owner's authorization			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121354&amp;fileName=2019-05-17-Agent+Authorization+Letter.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121354&amp;fileName=2019-05-17-Agent+Authorization+Letter.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		2019-05-21 lawyer letter.pdf			
<b>Document Type:</b>		Lawyer's letter consisting of a legal description of the property			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121355&amp;fileName=2019-05-21+lawyer+letter.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121355&amp;fileName=2019-05-21+lawyer+letter.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		17-0260 Oct 2019.pdf			
<b>Document Type:</b>		A Current plan of Survey			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121353&amp;fileName=17-0260+Oct+2019.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121353&amp;fileName=17-0260+Oct+2019.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			
<b>Document Name:</b>		Deed-Transfer for RSC.pdf			
<b>Document Type:</b>		Copy of any deed(s), transfer(s) or other document(s)			
<b>Document Link:</b>		<a href="https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121352&amp;fileName=Deed-Transfer+for+RSC.pdf">https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=121352&amp;fileName=Deed-Transfer+for+RSC.pdf</a>			
<b>Document Heading:</b>		Supporting Documents			



43 [erisinfo.com](http://erisinfo.com) | Environmental Risk Information Services Order No: 21012600147

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	11/20/1957			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932663612			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		3			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932663613			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		3			
<b>Formation End Depth:</b>		61			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966800077			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11026198			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930779609			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		61			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930779608			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		3			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		996800077			
Pump Set At:					
Static Level:		32			
Final Level After Pumping:		41			
Recommended Pump Depth:					
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933968609			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		61			
Water Found Depth UOM:		ft			
<hr/>					
<a href="#">16</a>	4 of 21	SSW/4.3	217.8 / -1.26	CITY OF HAMILTON DIRECTOR, FLEET SERVICES 1400 UPPER WELLINGTON HAMILTON ON L9A 3S9	FSTH
License Issue Date:		5/25/2001			
Tank Status:		Licensed			
Tank Status As Of:		August 2007			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
 <u>--Details--</u>					
Status:		Active			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Year of Installation:</b> <b>Corrosion Protection:</b> <b>Capacity:</b> <b>Tank Fuel Type:</b>		1988			
		40914			
		Liquid Fuel Single Wall UST - Diesel			
<a href="#">16</a>	5 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON4038913		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
		07,08			
		621911			
		Ambulance (except Air Ambulance) Services			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">16</a>	6 of 21	SSW/4.3	217.8 / -1.26	CITY OF HAMILTON DIRECTOR; FLEET SERVICES 1400 UPPER WELLINGTON HAMILTON ON	DTNK
<b><u>Delisted Expired Fuel Safety Facilities</u></b>					
<b>Instance No:</b>		9362704			
<b>Status:</b>		EXPIRED			
<b>Instance ID:</b>		385254			
<b>Instance Type:</b>		FS Facility			
<b>Description:</b>		Fuels Safety Private Fuel Outlet - Self Serve			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b>					
<b>Original Source:</b>		EXP			
<b>Record Date:</b>		Up to Mar 2012			
<a href="#">16</a>	7 of 21	SSW/4.3	217.8 / -1.26	CITY OF HAMILTON DIRECTOR; FLEET SERVICES 1400 UPPER WELLINGTON HAMILTON ON	DTNK
<b><u>Delisted Expired Fuel Safety Facilities</u></b>					
<b>Instance No:</b>		10782758			
<b>Status:</b>		EXPIRED			
<b>Instance ID:</b>		39291			
<b>Instance Type:</b>		FS Piping			
<b>Description:</b>		FS Piping			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Expired Date:</b> <b>Original Source:</b> <b>Record Date:</b>					
		EXP Up to Mar 2012			
<a href="#">16</a>	8 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON4038913 <b>Status:</b> <b>Approval Years:</b> 2009 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 621911 <b>SIC Description:</b> Ambulance (except Air Ambulance) Services <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">16</a>	9 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON4038913 <b>Status:</b> <b>Approval Years:</b> 2010 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 621911 <b>SIC Description:</b> Ambulance (except Air Ambulance) Services <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">16</a>	10 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON4038913 <b>Status:</b> <b>Approval Years:</b> 2011 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 621911 <b>SIC Description:</b> Ambulance (except Air Ambulance) Services <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">16</a>	11 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON4038913 <b>PO Box No:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> 2012 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 621911 <b>SIC Description:</b> Ambulance (except Air Ambulance) Services					
<b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<a href="#">16</a>	12 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON	GEN
<b>Generator No:</b> ON4038913 <b>Status:</b> <b>Approval Years:</b> 2013 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 621911 <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<a href="#">16</a>	13 of 21	SSW/4.3	217.8 / -1.26	CITY OF HAMILTON DIRECTOR, FLEET SERVICES 1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA ON	EXP
<b>Instance No:</b> 10782749 <b>Status:</b> EXPIRED <b>Instance ID:</b> <b>Instance Type:</b> <b>Instance Creation Dt:</b> 11/27/1990 <b>Instance Install Dt:</b> 11/27/1990 <b>Item:</b> <b>Item Description:</b> FS Liquid Fuel Tank <b>Facility Type:</b> FS LIQUID FUEL TANK <b>Overfill Prot Type:</b> NULL <b>Creation Date:</b> 7/5/2009 1:20:59 AM <b>Expired Date:</b> <b>Manufacturer:</b> NULL <b>Source:</b> FS Liquid Fuel Tank <b>Description:</b> UNDERGROUND TANK <b>Serial No:</b> NULL <b>Ulc Standard:</b> NULL <b>Facility Location:</b> 1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA					
<b>Model:</b> NULL <b>Quantity:</b> 1 <b>Unit of Measure:</b> EA <b>Fuel Type2:</b> NULL <b>Fuel Type3:</b> NULL <b>Piping Steel:</b> <b>Piping Galvanized:</b> <b>Tank Single Wall St:</b> <b>Piping Underground:</b> <b>Tank Underground:</b> <b>Panam Related:</b> NULL <b>Panam Venue Nm:</b> NULL					
<a href="#">16</a>	14 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON4038913 <b>Status:</b> <b>Approval Years:</b> 2015					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	No No 621911 621911			<b>Co Admin:</b> <b>Phone No Admin:</b>	
<u>Detail(s)</u>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	15 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON4038913 No 2016 No No 621911 621911			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada CO_OFFICIAL
<u>Detail(s)</u>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	16 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON4038913 No 2014 No No 621911 621911			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada CO_OFFICIAL
<u>Detail(s)</u>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 PATHOLOGICAL WASTES			
<a href="#">16</a>	17 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton Hamilton Emergency Services 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON4038913 Registered As of Dec 2018 No No No 621911			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada
<u>Detail(s)</u>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 P Pathological wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">16</a>	18 of 21	SSW/4.3	217.8 / -1.26	Hamilton, Corporation of the City of 1400 UPPER WELLINGTON STREET Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON9494211 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<u>Detail(s)</u>					
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<a href="#">16</a>	19 of 21	SSW/4.3	217.8 / -1.26	Hamilton, Corporation of the City of 1400 UPPER WELLINGTON STREET Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON9494211 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2020 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<u>Detail(s)</u>					
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<a href="#">16</a>	20 of 21	SSW/4.3	217.8 / -1.26	City of Hamilton Hamilton Emergency Services 1400 Upper Wellington Hamilton ON L9A 3S9	GEN
<b>Generator No:</b> ON4038913 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2020 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<u>Detail(s)</u>					
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<a href="#">16</a>	21 of 21	SSW/4.3	217.8 / -1.26	CITY OF HAMILTON DIRECTOR, FLEET SERVICES	FST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
				1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA ON	
<b>Instance No:</b>	10782749			<b>Manufacturer:</b>	
<b>Status:</b>				<b>Serial No:</b>	
<b>Cont Name:</b>				<b>Ulc Standard:</b>	
<b>Instance Type:</b>				<b>Quantity:</b>	
<b>Item:</b>	FS LIQUID FUEL TANK			<b>Unit of Measure:</b>	
<b>Item Description:</b>	FS Liquid Fuel Tank			<b>Fuel Type:</b>	Diesel
<b>Tank Type:</b>	Liquid Fuel Single Wall UST			<b>Fuel Type2:</b>	NULL
<b>Install Date:</b>	11/27/1990			<b>Fuel Type3:</b>	NULL
<b>Install Year:</b>	1988			<b>Piping Steel:</b>	
<b>Years in Service:</b>				<b>Piping Galvanized:</b>	
<b>Model:</b>	NULL			<b>Tanks Single Wall St:</b>	
<b>Description:</b>				<b>Piping Underground:</b>	
<b>Capacity:</b>	40914			<b>Num Underground:</b>	
<b>Tank Material:</b>	Fiberglass (FRP)			<b>Panam Related:</b>	
<b>Corrosion Protect:</b>				<b>Panam Venue:</b>	
<b>Overfill Protect:</b>					
<b>Facility Type:</b>	FS Liquid Fuel Tank				
<b>Parent Facility Type:</b>					
<b>Facility Location:</b>					
<b>Device Installed Location:</b>	1400 UPPER WELLINGTON HAMILTON L9A 3S9 ON CA				

#### Fuel Storage Tank Details

**Owner Account Name:** CITY OF HAMILTON DIRECTOR, FLEET SERVICES

# Unplottable Summary

Total: **33** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	DOVER CONSTRUCTION & CONSULTANTS INC.	LIMERIDGE RD.E. EASEMENT	HAMILTON CITY ON	
CA	DOVER CONSTRUCTION & CONSULTANTS INC.	LIMERIDGE RD.E. EASEMENT	HAMILTON CITY ON	
CA	SCARLETT HOMES LTD.	WELLING.PH.1/STONE CHURCH RD.E	HAMILTON CITY ON	
CA	SCARLETT HOMES LTD.	WELLING.PH.1/STONE CHURCH RD.E	HAMILTON CITY ON	
CA	SCARLETT HOMES LTD.	STONE CHURCH RD.E., PT.LOT 13	HAMILTON ON	
CA	SCARLETT HOMES LTD.	STONE CHURCH RD.E., PT.LOT 13	HAMILTON ON	
CA	WELLINGTON CHASE INC.	STONE CHURCH RD. PH. 2	HAMILTON CITY ON	
CA	MUNICIPAL NON-PROFIT HOUSING CORP.	TOWNHOUSE ON LIMERIDGE RD.	HAMILTON CITY ON	
CA	LOS ANDES OF HAMILTON CO-OPERATIVE INC.	STONE CHURCH RD.	HAMILTON CITY ON	
CA	WELLINGTON CHASE INC. PHASE 1 STAGE 1	STONE CHURCH RD.	HAMILTON CITY ON	
CA	R.M. OF HAMILTON-WENTWORTH	STONE CHURCH RD. WATER P.S.	HAMILTON CITY ON	
CA	CARRIAGE GATE HOMES	SIRENTE DRIVE	HAMILTON CITY ON	
CA	HAMILTON BAPTIST NON-PROFIT HOMES PH. 3	LIMERIDGE RD. UPPER WELLINGTON	HAMILTON CITY ON	
CA	810379 ONTARIO INC.-ELIA HEIGHTS-PH. 1	EASEMENT/STONE CHURCH RD. E.	HAMILTON CITY ON	
CA	WELLINGTON CHASE INC.	STONE CHURCH RD. PH. 2	HAMILTON CITY ON	
CA	NOVOCO ENTERPRISES LIMITED	STONE CHURCH RD. NOVOCO GARDEN	HAMILTON CITY ON	
CA	WEST HIGHLAND MANAGEMENT LTD.	STONECHURCH RD.	HAMILTON CITY ON	



CA	LOS ANDES OF HAMILTON CO- OPERATIVE INC.	STONE CHURCH RD.	HAMILTON CITY ON	
CA	R.M. OF HAMILTON- WENTWORTH	STONECHURCH RD.	HAMILTON CITY ON	
CA	WELLINGTON CHASE INC. PHASE I SUBD.	STONE CHURCH RD.	HAMILTON CITY ON	
CA		Stone Church Road East	Hamilton ON	
CA	Crerar Park, Phase 2	Sirente Drive	Hamilton ON	
CA	Crerar Park, Phase 2	Sirente Drive	Hamilton ON	
CA	456941 Ontario Ltd.		Hamilton ON	
CA	MUNICIPAL NON-PROFIT HOUSING CORP.	TOWNHOUSE ON LIMERIDGE RD.	HAMILTON CITY ON	
CA	REGIONAL MUN. OF HAMILTON-WENTWORTH	STONE CHURCH RD. PUMP STATION	HAMILTON CITY ON	
CONV	668463 ONTARIO INCORPORATED, C.O.B. ADVANCE EXCAVATING		HAMILTON ON	
ECA	The Regional Municipality of Hamilton-Wentworth	Stone Church Road East	Hamilton ON	L8P 4Y5
ECA	456941 Ontario Ltd.		Hamilton ON	L8P 4W7
GEN	Trans Northern Pipelines Inc.	Lot 13, Concession 8	Hamilton ON	L0R 1W0
LIMO	Edgewood Landfill The Corporation of the Regional Municipality of	Hamilton-Wentworth City of Hamilton Edgewood Road. Lot 12, Concession 6 Hamilton	ON	
PTTW	Ducks Unlimited Canada	Lot 12-15, Concession 7-8, Geographic Township of Glanford, City of Hamilton CITY OF HAMILTON	ON	
PTTW	African Lion Safari & Game Farm Ltd.	Lot 13, Concession 7, City of Hamilton CITY OF HAMILTON	ON	

# Unplottable Report

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**Site:** DOVER CONSTRUCTION & CONSULTANTS INC.  
LIMERIDGE RD.E. EASEMENT HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 3-0087-85-006  
**Application Year:** 85  
**Issue Date:** 2/21/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** DOVER CONSTRUCTION & CONSULTANTS INC.  
LIMERIDGE RD.E. EASEMENT HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-0058-85-006  
**Application Year:** 85  
**Issue Date:** 2/21/85  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** SCARLETT HOMES LTD.  
WELLING.PH.1/STONE CHURCH RD.E HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 3-1560-97-  
**Application Year:** 97  
**Issue Date:** 10/22/1997  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** SCARLETT HOMES LTD.  
WELLING.PH.1/STONE CHURCH RD.E HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-1150-97-

**Application Year:** 97  
**Issue Date:** 10/22/1997  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** SCARLETT HOMES LTD.  
STONE CHURCH RD.E., PT.LOT 13 HAMILTON ON

**Database:**  
CA

**Certificate #:** 7-0096-98-  
**Application Year:** 98  
**Issue Date:** 3/5/1998  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** SCARLETT HOMES LTD.  
STONE CHURCH RD.E., PT.LOT 13 HAMILTON ON

**Database:**  
CA

**Certificate #:** 3-0157-98-  
**Application Year:** 98  
**Issue Date:** 3/5/1998  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** WELLINGTON CHASE INC.  
STONE CHURCH RD. PH. 2 HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-1378-88-  
**Application Year:** 88  
**Issue Date:** 8/24/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** MUNICIPAL NON-PROFIT HOUSING CORP.  
TOWNHOUSE ON LIMERIDGE RD. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-0473-87-  
**Application Year:** 87  
**Issue Date:** 4/30/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** LOS ANDES OF HAMILTON CO-OPERATIVE INC.  
STONE CHURCH RD. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-1506-87-  
**Application Year:** 87  
**Issue Date:** 10/1/1987  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** WELLINGTON CHASE INC. PHASE 1 STAGE 1  
STONE CHURCH RD. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-0434-87-  
**Application Year:** 87  
**Issue Date:** 7/17/1987  
**Approval Type:** Municipal water  
**Status:** Revised  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF HAMILTON-WENTWORTH  
STONE CHURCH RD. WATER P.S. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 7-0083-93-  
**Application Year:** 93  
**Issue Date:** 3/9/1993  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**

Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** CARRIAGE GATE HOMES  
SIRENTE DRIVE HAMILTON CITY ON

**Database:**  
CA

Certificate #: 7-0452-89-  
Application Year: 89  
Issue Date: 4/4/1989  
Approval Type: Municipal water  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** HAMILTON BAPTIST NON-PROFIT HOMES PH. 3  
LIMERIDGE RD. UPPER WELLINGTON HAMILTON CITY ON

**Database:**  
CA

Certificate #: 7-1676-88-  
Application Year: 88  
Issue Date: 10/19/1988  
Approval Type: Municipal water  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** 810379 ONTARIO INC.-ELIA HEIGHTS-PH. 1  
EASEMENT/STONE CHURCH RD. E. HAMILTON CITY ON

**Database:**  
CA

Certificate #: 3-1609-90-  
Application Year: 90  
Issue Date: 8/29/1990  
Approval Type: Municipal sewage  
Status: Approved  
Application Type:  
Client Name:  
Client Address:  
Client City:  
Client Postal Code:  
Project Description:  
Contaminants:  
Emission Control:

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**Site:** WELLINGTON CHASE INC.  
STONE CHURCH RD. PH. 2 HAMILTON CITY ON

**Database:**  
CA

Certificate #: 3-1605-88-  
Application Year: 88

**Issue Date:** 8/24/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **NOVOCO ENTERPRISES LIMITED**  
**STONE CHURCH RD. NOVOCO GARDEN HAMILTON CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1825-86-  
**Application Year:** 86  
**Issue Date:** 1/19/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved in 1987  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **WEST HIGHLAND MANAGEMENT LTD.**  
**STONECHURCH RD. HAMILTON CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1434-86-  
**Application Year:** 86  
**Issue Date:** 9/25/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **LOS ANDES OF HAMILTON CO-OPERATIVE INC.**  
**STONE CHURCH RD. HAMILTON CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1817-87-  
**Application Year:** 87  
**Issue Date:** 10/1/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**



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**Site:** R.M. OF HAMILTON-WENTWORTH  
STONECHURCH RD. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 3-0270-87-  
**Application Year:** 87  
**Issue Date:** 3/24/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** WELLINGTON CHASE INC. PHASE I SUBD.  
STONE CHURCH RD. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 3-0527-87-  
**Application Year:** 87  
**Issue Date:** 4/14/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Stone Church Road East Hamilton ON

**Database:**  
CA

**Certificate #:** 3868-4NHNHM  
**Application Year:** 00  
**Issue Date:** 8/24/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Hamilton-Wentworth  
**Client Address:** 71 Main Street West  
**Client City:** Hamilton  
**Client Postal Code:** L8P 4Y5  
**Project Description:** Construction of storm and sanitary sewers on Stone Church Road East.  
**Contaminants:**  
**Emission Control:**

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**Site:** Crerar Park, Phase 2  
Sirente Drive Hamilton ON

**Database:**  
CA

**Certificate #:** 7960-5BJM5Q  
**Application Year:** 02  
**Issue Date:** 6/29/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Stonechurch Holdings Limited  
**Client Address:** 3 Laurel Court, R.R. #1, Jerseyville  
**Client City:** Hamilton

**Client Postal Code:** L0R 1R0  
**Project Description:** Approval is sought for the construction of storm and sanitary sewers on Sirente Drive.  
**Contaminants:**  
**Emission Control:**

---

**Site:** Crerar Park, Phase 2  
Sirente Drive Hamilton ON

**Database:**  
CA

**Certificate #:** 7695-5BJMBN  
**Application Year:** 02  
**Issue Date:** 6/29/02  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Stonechurch Holdings Limited  
**Client Address:** 3 Laurel Court, R.R. #1, Jerseyville  
**Client City:** Hamilton  
**Client Postal Code:** L0R 1R0  
**Project Description:** Approval is sought for the construction of watermain on Sirente Drive.  
**Contaminants:**  
**Emission Control:**

---

**Site:** 456941 Ontario Ltd.  
Hamilton ON

**Database:**  
CA

**Certificate #:** 8472-5NLQFP  
**Application Year:** 2003  
**Issue Date:** 6/18/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** MUNICIPAL NON-PROFIT HOUSING CORP.  
TOWNHOUSE ON LIMERIDGE RD. HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 3-0554-87-  
**Application Year:** 87  
**Issue Date:** 4/30/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** REGIONAL MUN. OF HAMILTON-WENTWORTH  
STONE CHURCH RD. PUMP STATION HAMILTON CITY ON

**Database:**  
CA

**Certificate #:** 8-2047-93-  
**Application Year:** 93  
**Issue Date:** 4/2/1993

**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** EXH. SILENCER/STACK FOR 2000KW GEN-SET  
**Contaminants:** Stoddard Solvent, Nitrogen Oxides  
**Emission Control:** Noise Control - Acoustic Louvre, Muffler, Silencer, Enclosure (Plenum)

---

**Site:** 668463 ONTARIO INCORPORATED, C.O.B. ADVANCE EXCAVATING  
HAMILTON ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** USING A WASTE DISPOSAL SITE WITHOUT A C. OF A.  
**Background:**  
**URL:**

**Location:**  
**Region:** WEST CENTRAL REGION  
**Ministry District:**

#### Additional Details

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 27(B)  
**Act/Regulation/Section:** EPA- -27(B)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 2/7/93  
**Charge Disposition:**  
**Fine:** \$1,000  
**Synopsis:**

---

**Site:** The Regional Municipality of Hamilton-Wentworth  
Stone Church Road East Hamilton ON L8P 4Y5

**Database:**  
ECA

**Approval No:** 3868-4NHNHM  
**Approval Date:** 2000-08-24  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Stone Church Road East  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3788-4NFL63-14.pdf>

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

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**Site:** 456941 Ontario Ltd.  
Hamilton ON L8P 4W7

**Database:**  
ECA

**Approval No:** 8472-5NLQFP  
**MOE District:**

**Approval Date:** 2003-06-18  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8366-5NKPV6-14.pdf>

**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** *Trans Northern Pipelines Inc.*  
*Lot 13, Concession 8 Hamilton ON L0R 1W0*

**Database:**  
**GEN**

**Generator No:** ON3590724  
**Status:** Registered  
**Approval Years:** As of Oct 2019  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

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

**Detail(s)**

**Waste Class:** 146 L  
**Waste Class Desc:** Other specified inorganic sludges, slurries or solids

**Site:** *Edgewood Landfill The Corporation of the Regional Municipality of*  
*Hamilton-Wentworth City of Hamilton Edgewood Road. Lot 12, Concession 6 Hamilton ON*

**Database:**  
**LIMO**

**ECA/Instrument No:** A130504  
**Oper Status 2016:** Closed  
**C of A Issue Date:**  
**C of A Issued to:**  
**Lndfl Gas Mgmt (P):**  
**Lndfl Gas Mgmt (F):**  
**Lndfl Gas Mgmt (E):**  
**Lndfl Gas Mgmt Sys:**  
**Landfill Gas Mntr:**  
**Leachate Coll Sys:**  
**ERC Est Vol (m3):**  
**ERC Volume Unit:**  
**ERC Dt Last Det:**  
**Landfill Type:**  
**Source File Type:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Tot Fill Area (ha):**  
**Tot Site Area (ha):**  
**Footprint:**  
**Tot Apprv Cap (m3):**  
**Contam Atten Zone:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Air Emis Monitor:**  
**Approved Waste Type:**  
**Client Site Name:**  
**ERC Methodology:**  
**Site Name:** Edgewood Landfill  
 The Corporation of the Regional Municipality of Hamilton-Wentworth  
 City of Hamilton

**Natural Attenuation:**  
**Liners:**  
**Cover Material:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Req Coll Lndfl Gas:**  
**Lndfl Gas Coll:**  
**Total Waste Rec:**  
**TWR Methodology:**  
**TWR Unit:**  
**Tot Aprv Cap Unit:**  
**Financial Assurance:**  
**Last Report Year:**  
**MOE Region:**  
**MOE District:**  
**Site County:**  
**Lot:**  
**Concession:**  
**Latitude:**  
**Longitude:**  
**Easting:**  
**Northing:**  
**UTM Zone:**  
**Data Source:**

**Site Location Details:**  
**Service Area:**  
**Page URL:**

---

**Site:** *Ducks Unlimited Canada*  
*Lot 12-15, Concession 7-8, Geographic Township of Glanford, City of Hamilton CITY OF HAMILTON ON*

**Database:**  
*PTTW*

**EBR Registry No:** IA05E0997  
**Ministry Ref No:** 2261-6CYH2S  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** October 12, 2005  
**Proposal Date:** June 23, 2005  
**Year:** 2005  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Ducks Unlimited Canada  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** Kingston Division, 1-614 Norris Court, Kingston Ontario, Canada K7P 2R9  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Lot 12-15, Concession 7-8, Geographic Township of Glanford, City of Hamilton CITY OF HAMILTON

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**Site:** *African Lion Safari & Game Farm Ltd.*  
*Lot 13, Concession 7, City of Hamilton CITY OF HAMILTON ON*

**Database:**  
*PTTW*

**EBR Registry No:** 010-8669  
**Ministry Ref No:** 3836-7YYLU7  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** March 25, 2010  
**Proposal Date:** December 22, 2009  
**Year:** 2009  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** African Lion Safari & Game Farm Ltd.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** Rural Route Delivery 1, Cambridge Ontario, Canada N1R 5S2  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Lot 13, Concession 7, City of Hamilton CITY OF HAMILTON

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

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

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

### **Aggregate Inventory:**

Provincial [AGR](#)

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

**Government Publication Date: Up to Sep 2020**

### **Abandoned Mine Information System:**

Provincial [AMIS](#)

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

**Government Publication Date: 1800-Oct 2018**

### **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

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

**Government Publication Date: 1860s-Present**

### **Aboveground Storage Tanks:**

Provincial [AST](#)

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

**Government Publication Date: May 31, 2014**

### **Automobile Wrecking & Supplies:**

Private [AUWR](#)

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

**Government Publication Date: 1999-Jun 30, 2020**

### **Borehole:**

Provincial [BORE](#)

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

**Government Publication Date: 1875-Jul 2018**



**Certificates of Approval:**

Provincial CA

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

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

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

**Government Publication Date: Jan 2004-Dec 2018**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

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

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

**Government Publication Date: Jul 31, 2020**

**Chemical Manufacturers and Distributors:**

Private CHEM

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

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

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

**Government Publication Date: 1999-Jun 30, 2020**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 -Dec 2020**

**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 2020**

**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-Dec 31, 2020**

**Drill Hole Database:**

Provincial

[DRL](#)

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

**Government Publication Date: 1886 - Sep 2020**

**Delisted Fuel Tanks:**

Provincial

[DTNK](#)

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

**Government Publication Date: Jul 31, 2020**

**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-Dec 31, 2020**

**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-Dec 31, 2020**

**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- Dec 31, 2020**

**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-Oct 31, 2020**

**Environmental Issues Inventory System:**

Federal

[EIIS](#)

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

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

**Emergency Management Historical Event:**Provincial **EMHE**

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

**Government Publication Date: Dec 31, 2016****Environmental Penalty Annual Report:**Provincial **EPAR**

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

**Government Publication Date: Jan 1, 2011 - Dec 31, 2019****List of Expired Fuels Safety Facilities:**Provincial **EXP**

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

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

**Government Publication Date: Jul 31, 2020****Federal Convictions:**Federal **FCON**

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

**Government Publication Date: 1988-Jun 2007\*****Contaminated Sites on Federal Land:**Federal **FCS**

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

**Government Publication Date: Jun 2000-Sep 2020****Fisheries & Oceans Fuel Tanks:**Federal **FOFT**

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

**Government Publication Date: 1964-Sep 2019****Federal Identification Registry for Storage Tank Systems (FIRSTS):**Federal **FRST**

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

**Government Publication Date: May 31, 2018****Fuel Storage Tank:**Provincial **FST**

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

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

**Government Publication Date: Jul 31, 2020**

**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-Jul 31, 2020**

**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 2018**

**TSSA Historic Incidents:**

Provincial

HINC

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

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

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

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

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

**Government Publication Date: Jul 31, 2020**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

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

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Jan 2020**

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

Federal

NATE

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

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

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

**Government Publication Date: Dec 31, 2018**

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

Federal

NDFT

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

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

**National Defense & Canadian Forces Spills:**

Federal

NDSP

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

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

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

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

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

**Government Publication Date: 2008-Sep 30, 2020**

**National Energy Board Wells:**

Federal

NEBP

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

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

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

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

Federal

NPCB

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

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

Federal

NPRI

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

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

Private

OGWE

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

**Government Publication Date: 1988-Aug 31, 2020****Ontario Oil and Gas Wells:**

Provincial

OOGW

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

**Government Publication Date: 1800-Jun 2020****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-Dec 31, 2020****Canadian Pulp and Paper:**

Private

PAP

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

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

Federal

PCFT

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

**Government Publication Date: 1920-Jan 2005\***



**Pesticide Register:**

Provincial PES

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

**Government Publication Date:** Oct 2011-Dec 31, 2020

**Pipeline Incidents:**

Provincial PINC

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

**Government Publication Date:** Oct 31, 2020

**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-Dec 31, 2020

**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 2020

**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-Jun 30, 2020

**Scott's Manufacturing Directory:**

Private SCT

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

**Government Publication Date:** 1992-Mar 2011\*

**Ontario Spills:**

Provincial SPL

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

**Government Publication Date:** 1988-Mar 2020; Jul 2020 - Aug 2020

**Wastewater Discharger Registration Database:**

Provincial

SRDS

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

**Government Publication Date: 1990-Dec 31, 2017**

**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 2019**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial

VAR

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

Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**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-Dec 31, 2020**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

WDSH

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

WWIS

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

**Government Publication Date: Apr 30, 2020**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

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

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

## **Appendix E**

### **Qualifications of the Assessors**



## **QUALIFICATIONS OF THE ASSESSORS**

### **Erica Tudo, B.Sc.**

Environmental Site Assessor

Ms. Tudo is an Environmental Site Assessor with experience conducting Phase I and II Environmental Site Assessments (ESAs) for various clients. The Phase II ESAs have included drilling, groundwater monitoring and sampling, and test pitting. She has been thoroughly trained to conduct Phase I Environmental Site Assessments (ESAs) in accordance with the Phase I ESA standards as defined by Ontario Regulation 153/04 and CAN/CSA Z768-01. Ms. Tudo holds a B.Sc. in Environmental Sciences with an Earth Sciences minor from the University of Waterloo.

### **Deanna Mazachowsky, B.A, EP.**

Environmental Scientist

Ms. Deanna Mazachowsky is an Environmental Scientist with 12 years of experience within the environmental consulting industry with a broad range of experience including the completion of Phase One and Two ESAs as well as remediation programs. Deanna has assisted in the preparation, management and field services associated with drilling, soil sampling, ground water sampling, testpitting, surveying and swab sampling. Remediation programs have included remediation of petroleum, inorganic and VOC impacted soil and ground water resulting from identification and removal of leaking underground storage tanks, landfill site assessment, dry cleaning operations and historic brownfields. Work experience has also included dialogue and liaison with various regulatory authorities, interpretation and reporting of analytical data and proposal and report preparation. Ms. Mazachowsky holds a B.A. in Geography from Brock University in St. Catharines, Ontario and is a registered Environmental Professional (EP) with Eco Canada with a specialization in Site Assessment and Reclamation. Ms. Mazachowsky has been thoroughly trained to conduct Phase I Environmental Site Assessments (ESAs) in accordance with the Phase I ESA standards as defined by Ontario Regulation 153/04 and CAN/CSA Z768-01.



**Patrick Shriner, P.Geo.**

Associate, Environmental Geoscientist

Mr. Shriner is an Associate Environmental Geoscientist in Wood's Niagara (St. Catharines/Thorold) office. Patrick has over 30 years of experience on a wide range of environmental and municipal projects including: environmental site assessment (ESA) and remediation; peer review, designated substances surveys, waste management; landfill investigations and monitoring; hydrogeological investigations; risk assessment and risk management. Patrick is responsible for senior review and Quality Assurance of environmental projects and proposals undertaken by the Niagara office as well as senior technical support for the design, implementation and management of ESAs, site remediation projects, Brownfields clean-up and redevelopment. Patrick has participated in over 750 Phase I ESAs undertaken on behalf of a variety of clients including commercial and industrial manufactures, municipal governments, financial institutions and legal firms. Patrick is a recognized Qualified Person (QP) for ESAs under Ontario Regulation 153/04 – Records of Site Condition (RSC) and has filed several RSCs for a variety of properties across Ontario.



# **Appendix F**

## **Limitations**



### **Limitations**

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of our Proposal dated July 27, 2020;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our Contract; and,
  - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the site and attendant structures. Our conclusions cannot and are not extended to include those portions of the site or structures which were not reasonably available, in WSP's opinion, for direct observation.
4. The environmental conditions at the site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the site with any applicable local, provincial or federal by-laws, orders-in-council, legislative enactments and regulations was not performed.
5. The site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our contract providing for testing. Other substances, or different quantities of substances testing for, may be present on site and may be revealed by different of other testing not provided for in our contract.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, WSP must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of Wood's services during the implementation of any remedial measures will allow WSP to observe compliance with the conclusions and recommendations contained in the report. WSP's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or in part, or any reliance thereon, or decisions made based on any information of conclusions in the report, is the sole responsibility of such third party. WSP accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
10. This report is not to be given over to any third party for any purpose whatsoever without the written permission of WSP.
11. Provided that the report is still reliable, and less than 12 months old, WSP will issue a third-party reliance letter to parties Client identifies in writing, upon payment of the then current fee for such letters. All third parties relying on WSP's report, by such reliance agree to be bound by our proposal and Wood's standard reliance letter. WSP's standard reliance letter indicates that in no event shall WSP be liable for any damages, howsoever arising, relating to third-party reliance on WSP's report. No reliance by any party is permitted without such agreement.