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A REPORT TO GREAT GULF HOMES LIMITED

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PROPOSED RESIDENTIAL SUBDIVISION

**6611 SECOND LINE WEST
CITY OF MISSISSAUGA**

Reference No. 1512-S086E

January 26, 2016

DISTRIBUTION

3 Copies - Great Gulf Homes Limited



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One must understand that the mandate of Soil Engineers Ltd. is to obtain readily available past and present information pertinent to the Phase One Property for a Phase One Environmental Site Assessment only. No other warranty or representation, expressed or implied, as to the accuracy of the information is included or intended by this assessment. Site conditions, environmental or otherwise, are not static, and this report documents site conditions observed at the time of the site reconnaissance.

It should be noted that the information supplied in this report is not sufficient to obtain approval for disposal of excess soil or materials generated during construction.



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1.0 **EXECUTIVE SUMMARY**

Soil Engineers Ltd. was retained to carry out a Phase One Environmental Site Assessment (Phase One ESA) for a property at 6611 Second Line West, in the City of Mississauga, hereinafter referred to as the “Phase One Property”.

The purpose of the study is to identify any potential environmental concern associated with the Phase One Property. The findings from our research of documents pertaining to the Phase One Property, interviews with persons knowledgeable of the Phase One Property, and an environmental site reconnaissance, together with our assessment, are presented in this report.

The Phase One Property has been used for residential purposes since 1953. The neighbouring properties consist mainly of residential buildings and wooded areas to the north, residential properties to the south and east; and natural conservation area to the west.

The Phase One ESA has revealed the following items of environmental concern attendant to the subject site:

- Fill materials of unknown environmental quality are located on the Phase One Property.
- Some truck trailers have been noted on the Phase One Property.
- An underground storage tank (UST) was located on the Phase One Property.

It is recommended that a Phase Two Environmental Site Assessment (Phase Two ESA) be conducted to assess the above concerns.



2.0 INTRODUCTION

Soil Engineers Ltd. has carried out a Phase One Environmental Site Assessment (Phase One ESA), as defined by the Environmental Protection Act (EPA), Ontario Regulation (O. Reg.) 153/04, as amended by O. Reg. 366/05, O. Reg. 66/08, O. Reg. 511/09, O. Reg. 245/10, O. Reg. 179/11, O. Reg. 269/11 and O. Reg. 333/13, hereinafter referred to as O. Reg. 153/04.

2.1 Phase One Property Information

The Phase One Property, as shown on the Site Location Plan, Drawing No.1, is located on the north side of Highway 401 and east of Second Line West, in the City of Mississauga. The municipal address of the Phase One Property is 6611 Second Line West, in the City of Mississauga.

The property Identification Numbers (PIN) is 13213-3809 (LT) as shown on the Property Index Map (Block 13213), Drawing No.2.

The Phase One Property is a former Part of Lot 9, Concession 2, West of Hurontario Street, Mississauga. The property description is presented in the following Table:

Municipal Address and Tax Assessment Roll Number	PIN	Description
6611 Second Line West	13213-3809	PT LT 9, CON 2 WEST OF HURONTARIO ST, PART 1, 43R27945; MISSISSAUGA

The Phase One Property is rectangular in shape, encompassing an approximate area of 0.81 ha (2.0 ac). The UTM coordinates for the approximate centroid of the Phase One Property are (17T) 603535 m E and 4830457 m N, as obtained from Google Earth which utilizes a 1983 North American Datum.



Municipal Property Assessment Corporation (MPAC)

On January 18, 2016, a Residential Detail Level 1 Report for a property at 6611 Second Line West was purchased. The Phase One Property is described as a single-family detached (not on water). The building on the Phase One Property was built in 1953. A copy of the report is presented in Appendix 'A'.

2.2 **Contact Information**

This Phase One ESA was commissioned to address any environmental concern in association with a proposed residential development in accordance with our proposal dated December 11, 2015 as approved via E-mail, by Mr. Shaun Joffe, of Great Gulf Homes Limited on December 14, 2015.

Our client can be contacted at:

Great Gulf Homes Limited
3751 Victoria Park Avenue
Toronto, Ontario
M1W 3Z4

Attention: Mr. Shaun Joffe

The current owner of the Phase One Property can be contacted at:

705306 Ontario Limited
R.R. #6
Mississauga, Ontario



3.0 SCOPE OF INVESTIGATION

The general objectives of a Phase One ESA, as defined by Part VII of O. Reg. 153/04 of the EPA, are the following:

- To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One Property.
- To determine the need for a Phase Two ESA.
- To provide a basis for carrying out any required Phase Two ESA.
- To provide adequate preliminary information about the environmental conditions in the land or water on, in or under the Phase One Property, in order to conduct a risk assessment following the completion of a Phase Two ESA, if required.

A Phase One ESA generally consists of the following components:

- A records review.
- Interviews.
- Site reconnaissance.
- An evaluation of the information gathered from the records review, interviews and site reconnaissance.
- Completion of a Phase One Environmental Site Assessment report.
- The submission of the Phase One Environmental Assessment report to the commissioner of the report.

A residential development is proposed for the Phase One Property. It is anticipated that the new development will be provided with municipal services meeting urban standards.



4.0 **RECORDS REVIEW**

4.1 **General**

(i) **Phase One Study Area**

Except where noted, the Phase One Study Area generally consists of the Phase One Property plus all properties that are located, wholly or partially, within 250 m beyond the perimeter boundaries of the Phase One Property.

(ii) **First Developed Use**

The first developed use of a site is defined by O. Reg. 153/04 as the earlier of either the first use in or after 1875 that resulted in the development of a building or a structure on the property, or the first potentially contaminating use or activity on the property.

On January 18, 2016, a Historical Map published in 1880 was located at the McGill University Digital Mapping website. A copy of the map is presented on Drawing No. 3, showing the Phase One Property was owned by M. Scott in 1880.

(iii) **Fire Insurance Plans**

The Phase One Property has been used for residential purposes. Plans and Fire Insurance Maps were last published by CGI Information Systems and Management Consultants Inc. in the mid-1970s and did not cover agricultural areas. No fire insurance plan is available for the Phase One Property.



(iv) **Chain of Title**

A land title search was conducted for the Phase One Property at the Peel Land Registry Office on January 18, 2016.

The Parcel Register and the information from the land title research are listed in Appendix 'B'. Please note that the earliest obtainable records for the Phase One Property are from 1826. The first records indicate that the Phase One Property is on the Lot 9, Concession 2, West Hurontario Street, in Mississauga, patented to David Treanor by the Crown in 1826.

Throughout the years, the ownership of the Phase One Property changed several times. The latest transaction for the Phase One Property is shown below:

PIN	Instrument No.	Year	Transfer from	Transfer to
13213-3809	RO822560	1987	K.C and G. B. Embree	705306 Ontario Limited

(v) **Environmental Reports**

We are not aware of any previous environmental report.

4.2 **Environmental Source Information**

(i) **Ministry of the Environment and Climate Change (MOECC)**

Waste Disposal Sites

Active and closed landfill sites located in excess of 1.0 km from the Phase One Property are considered to have no significant potential environmental impact on the



Phase One Property. On January 4, 2016, Soil Engineers Ltd. reviewed the Ontario Ministry of the Environment and Climate Change (MOECC) “Waste Disposal Site Inventory”, dated June 1991. There was no record of either active or closed waste disposal site within 1 km of the Phase One Property.

Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario

On January 4, 2016, Soil Engineers Ltd. reviewed the MOECC “Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario”, dated November 1988, and the “Inventory of Coal Gasification Plant Waste Sites in Ontario”, dated April 1987. There was no record of any coal gasification plant, coal tar distillation plant, creosote plant, etc., at or within the vicinity of the Phase One Property. There was no facility of this nature located within 1 km from the Phase One Property.

Polychlorinated Biphenyl (PCB) Waste Storage Sites

The MOECC “Ontario Inventory of PCB Storage Sites”, dated 1995, was reviewed on January 4, 2016. The Phase One Property is not listed as a PCB waste storage site, and no PCB waste storage site is located at any of the neighbouring properties within the Phase One Study Area.

MOECC Waste Generator

On January 5, 2016, the MOECC Waste Generator Registration database files, dated 2000, 2008 and 2013, were reviewed. The Phase One Property and Phase One Study Area are not listed as waste generators under Regulation 558 of the EPA.



Records of Site Condition

On January 16, 2016, the MOECC's public Brownfields Environmental Site Registry was checked for Records of Site Condition (RSCs) filed within 0.5 km of the centroid of the Phase One Property. One RSC was filed for a property at 200 m to the north of the Phase One Property.

MOECC Freedom of Information

A request for documented environmental concerns and citations pertaining to the Phase One Property was forwarded to the MOECC Freedom of Information Office on January 18, 2016. No response has been received at the time of writing this report. In the event that their response suggests cause for concern, it will be forwarded together with an assessment of its significance.

(ii) **Environment Canada**

National Pollutant Release Inventory (NPRI)

On January 4, 2016, the Environment Canada National Pollutant Release Inventory (NPRI) database files were reviewed. The Phase One Property is not registered in the NPRI database. In addition, no property within the Phase One Study Area is listed in the NPRI database.

National PCB Inventory

On January 4, 2016, the Environment Canada PCB Inventory database, dated 1994, was reviewed. The Phase One Property is not registered in the National PCB Inventory database. In addition, no property within the Phase One Study Area is listed in the database.



(iii) **Other Sources**

Municipal Freedom of Information

A request for documented environmental concerns and citations pertaining to the Phase One Property was forwarded to the City of Mississauga, on January 18, 2016. No response has been received at the time of writing this report. In the event that their response suggests cause for concern, it will be forwarded together with an assessment of its significance.

Technical Standards & Safety Authority (TSSA)

The use of underground storage tanks (USTs) containing petroleum products in Ontario is regulated by the Ministry of Consumer and Commercial Relations (MCCR) under various legislative instruments, including the Gasoline Handling Act and Energy Act. Above-ground and underground storage tanks that contain petroleum products are required by law to be registered with the MCCR, and the Technical Standards & Safety Authority (TSSA) is responsible for keeping records of all these tanks. Customer Services of the TSSA was contacted on January 4, 2016 regarding possible registration, size and age of USTs at the Phase One Property. TSSA informed us that no UST was registered for the Phase One Property. It should be noted that TSSA records are only reliable from 1987 to the present.

Environmental Risk Information Service (ERIS) Database Report

ERIS Ltd. provides reports that compile information from both government and private databases of interest to the environmental field. An ERIS Database Report No. 20151221032, of December 23, 2015, is provided in Appendix 'C'.



The note-worthy records pertaining to the Phase One Property and the Phase One Study Area are briefly discussed in the following section:

Water Well Information System (WWIS)

This database describes locations and characteristics of water wells found within the province of Ontario in accordance with Regulation 903. Based on ERIS Database Report, four (4) water wells are located within the Phase One Study Area. One (1) well is located on the Phase One Property and three (3) wells were installed within the Phase One Study Area. All water wells are used for domestic purpose.

4.3 Physical Setting Sources

(i) **Aerial Photographs**

Aerial photographs were found at the Mississauga interactive online map and Google Earth on January 16, 2016. Aerial photographs from the years 1954, 1966, 1977, 1985, 1995, 2003 and 2015 were located for the Phase One Property. The aerial photographs indicate that the Phase One Property has been used for residential purposes since 1954. Some trailers are shown in the 2003 aerial photograph. The neighbouring properties were used for agricultural purposes prior early 2000. Residential subdivision appears on the neighbouring properties in 2003 and 2015 aerial photographs. There are roadways (i.e. Harmony Hill and Second Line West) adjacent to the Phase One Property on 2003 and 2015 aerial photographs. Some vehicles are shown at the northeast section of the Phase One Property on 2015 aerial photograph. The aerial photographs are presented in Appendix 'D'.



(ii) **Topography, Hydrology, Geology**

Maps of the area were located at the Ministry of Natural Resources Canada Website and the Toporama Digital Mapping Website on January 6, 2016. An Ontario Base Map and a Topographic Map were available, showing the land features at those years. The maps are presented on Drawing Nos. 4 and 5, respectively. Based on the maps, a creek is flowing from north to south to the west of the Phase One Property. Based on the topographic map, the elevation of the area descends towards the southwest to the Fletcher's Creek. Based on the topography of the area, precipitation runoff is expected to flow to the southwest towards Fletcher's Creek as well as the inferred shallow groundwater. There are roadways (i.e. Harmony Hill and Second Line West) located adjacent to the Phase One Property.

Surface and Bedrock Geology maps of the area were sourced from Ontario Geological Survey 1997 and 1993, on January 16, 2016. The Phase One Property is located on the Halton Hill Deposits, which predominantly consist of silt to silty clay matrix, high in matrix carbonate content and clast poor. Based on the Bedrock Geology Map, the Phase One Property is located on the Georgian Bay formation. The formation rock consists of shale, limestone, dolostone and siltstone. Copies of the maps are presented on Drawing Nos. 6 and 7, respectively.

A watershed map provided by Credit Valley Conservation Authority shows that the Phase One Property is located within the Norval to Port Credit Sub-watershed. A copy of the Watershed Map can be found on Drawing No. 8.

Based on information acquired through the Bedrock Cross Section Viewer (Ontario Geological Survey, 2010) on October 28, 2015, the depth to bedrock at the Phase One Property is approximately 143 metres below ground surface.



(iii) **Fill Material**

A geotechnical investigation was conducted by Soil Engineers Ltd. in 2002. Based on the report, fill materials are present on the Phase One Property. The geotechnical report reference number is 0210-S44.

(iv) **Water Bodies and Areas of Natural Significance**

Ministry of Natural Resources

On January 16, 2016, Soil Engineers Ltd. reviewed the OMNR Natural Heritage Information Centre (NHIC) database files as well as the Ministry of Natural Resource Natural Feature Map for listings of the various classes of natural areas located within the vicinity of the Phase One Property. An Area of Natural Scientific Interest (ANSI) is located within 30 m from the Phase One Property. In addition, a wooded area and a tributary of a creek are located to the north and west of the Phase One Property, respectively. A copy of the Environmental Map is shown in Drawing No. 9.

Planning Authorities

The Province of Ontario passed the Clean Water Act in 2006. Peel Region is the regional authority protecting sources of drinking water in the area of the Phase One



Property. The Peel Region website was checked on January 16, 2016. The Phase One Property is not located within a wellhead protection area.

(v) **Well Records**

The MOECC help desk at Water Well Ontario was contacted on January 4, 2016 regarding the Phase One Property and the surrounding area (320 m radius from the centre of the Phase One Property). We have not received any response from the MOECC help desk at the time of writing this report. However, based on our search, there is one water well on the Phase One Property and three (3) wells are located within the Phase One Study Area. They include domestic and monitoring wells. A copy of the Well Record for the wells located within the Phase One Study Area is presented in Appendix 'E'.

4.4 **Occupancy Search**

An occupancy search for the Phase One Study Area was conducted on January 6, 2016. The City Directories were reviewed at the Toronto Reference Library, and the business directory (i.e. Yellow Page) on the internet was reviewed for the targeted neighbouring properties. No commercial or industrial properties are located within the Phase One Study Area.

4.5 **Records Review Summary**

A summary of the relevant information disclosed by our record review, as January 18, 2016, are given below:

- Based on the previous geotechnical investigation report, some fill materials are on the Phase One property.
 - Based on the age of the building, hazardous materials may be present in the building.
- (Sources: MPAC Report)



- The Phase One Property is adjacent to roadways (i.e. Harmony Hill and Second Line West). (Sources: Historical Map, Aerial Photographs)
- An ANSI is located within 30 m from the Phase One Property. In addition, a wooded area and a tributary of a creek are located to the north and west of the Phase One Property, respectively. (Source: Ministry of Natural Resource)



5.0 INTERVIEWS

On January 9 and 12, 2016, a questionnaire regarding the Phase One Property was given to the current tenant and owner, respectively, to be completed and returned. Copies of the completed questionnaires are included in Appendix 'F'.

5.1 Summary of Interviews

Based on our interview, following items are revealed:

- The owner has been owned the Phase One Property since 1987.
- The Phase One Property was used as a parking for employee's retailers.
- A Phase One was conducted for the Phase One Property.
- A septic tank is located in the front yard.
- Some demolition debris has been on site for few days and then was removed off site.



6.0 SITE RECONNAISSANCE

6.1 General

A visual inspection of the readily accessible areas of the subject site was conducted by our representative, Mr. Gimy Gamboa, G.I.T. Env. Tech., on January 8, 2016, to determine the general environmental conditions of the Phase Two Property and surrounding area. The weather conditions at the timing of the site reconnaissance are outlined in table below.

Condition at the time of Site Reconnaissance

Date	Weather Condition	Temperature	Duration of Visit	Precipitation Conditions
Friday January 8, 2016	Partly Cloudy	2.0 °C	1 hr 45 min 10:00 - 11:45 a.m.	None

The photographs taken during the site reconnaissance are presented in Appendix 'G'.

The Phase One Property is located at 6611 Second Line West, in the City of Mississauga. At the time of the site inspection, one (1) residential building and an attached parking garage were located on the northeast portion of the Phase One Property. The southwest portion of the Phase One Property covered with grass and some trees. Access to the Phase One Property is through a driveway from the southwest side of the Phase One Property, which is adjacent to second Line West. A chain link fence was observed on the east and southeast of the Phase One Property. North and southwest boundaries of the Phase One Property are limited to trees and shrubs. The Phase One Property is used for seasonal trailers parking. Two (2) compressors, three (3) trailers and two (2) cars are observed during the site inspection. No stains or leaks are visible on the ground surface. A propane storage tank is observed on the south next to the building.

The neighbouring properties consist mainly of residential buildings and wooded areas to the north, residential properties to the south and east; and natural conservation area to the west.



The ground surface at the Phase One Property is characterized by an elevated flat topography in the east section changing to a slope descending to the southwest in the west section. At the time of inspection a trench is noted on the northern border of the Phase One Property. No body of water was observed on the Phase One Property. But a creek is located to the west side of the Second Line West within a natural conservation area. Based on this information, the precipitation runoff as well as the groundwater flow is expected to flow southwest.

There is no visible sign of any underground storage tank (UST), excavated pit, sump or area where fill or debris material were placed or graded on the Phase One Property. However, Mr. Diethard Boettcher, the current owner of the Phase One Property, mentioned that an UST was removed from the front yard of the building, more than 10 years ago. There is no noticeable nuisance odour, stained soil, or stressed vegetation observed in any area of the Phase One Property. There is no evidence to suggest that materials of environmental concern are disposed on the Phase One Property.

6.2 Specific Observations at Phase One Property

(i) **Building Inspection**

There is one residential building and a parking garage on the north section of the Phase One Property. The exposed exteriors of the buildings consist of modern cement stucco and bricks. The roof consists of asphalt shingles. The building is equipped with a gas furnace located in the basement and an AC unit in the front of the building. The building is serviced with municipal water and a septic system.



(ii) **Hazardous Materials**

Asbestos-Containing Materials

Asbestos-containing materials (ACMs) were widely used in building construction until the mid- to late 1970s, primarily for the good insulation and fire retardant properties of asbestos. The health risks associated with asbestos occur when asbestos fibres are released from various materials into the ambient air.

Based on the age of the building, it is possible that ACM are used at the buildings construction.

Polychlorinated Biphenyls

Polychlorinated biphenyls (PCBs) commonly are used in electrical equipment such as transformers, capacitors, and in the ballasts of fluorescent and high-intensity discharge (HID) light fixtures. The use of PCBs in newly manufactured electrical equipment was discontinued in 1979.

Based on the age of the buildings, it is possible that PCBs are present in the electrical equipment at the Phase One Property.

Urea-Formaldehyde Foam Insulation

Urea-formaldehyde foam insulation (UFFI) was commonly used in the mid-1970s for insulation in buildings and was discontinued in 1980.

Based on the age of the buildings, it is possible that UFFI may have been used in building materials. However, no UFFI was observed at all accessible locations within the building.



Ozone-Depleting Substances

Sources of ozone-depleting substances (ODSs) are found in the form of chlorofluorocarbons (CFCs) used in air-conditioning units and refrigeration systems.

It should be noted that sources of ODSs are likely limited to minor quantities present in the air-conditioning system and/or refrigeration/freezer units, and they do not pose an environmental risk if the units are properly serviced and maintained. The air-conditioning units, and/or refrigeration/freezer units appeared to be in good condition and no leakage was noticed during the site inspection.

Lead

Lead was commonly used in plumbing pipes and solder, and in the manufacture of paint as a drying agent and for pigmentation. The use of lead has been reduced, and was phased out of use in plumbing solder during the 1980s and from pipes during the 1990s. The use of lead in the manufacture of new paint was phased out during the 1970s for interior house paint and during the late 1990s for exterior paint.

Painted surfaces were observed throughout the building. Based on the age of the building, it is possible that lead-based paints may have been used for exterior of buildings in the past. However, no deteriorated paint surface was observed at accessible locations within the building.

Mercury

Mercury is generally a component of thermometers, thermostats and fluorescent lighting tubes. Our visual inspections of the Phase One Property indicate that these items were in use. Provided that these items remain intact, they are safe in their present form.



Silica

Silica is a natural material found in rocks and masonry units. Our visual inspections indicate that these materials were used in the construction of the buildings. As long as these materials remain in their solid form and do not show signs of deterioration (or dusting), they remain safe.

(iii) Underground Storage Tanks (USTs)

There is no vent or filler pipe visible to indicate the presence of any underground storage tank (UST) at the Phase One Property. However, Mr. Diethard Boettcher, the current owner of the Phase One Property mentioned that an UST was removed more than 10 years ago. It was located at the front yard of the building on the Phase One Property.

(iv) Above-Ground Storage Tanks (ASTs)

There is one propane above-ground storage tank (AST) at the Phase One Property, which is located right south of the building.

(v) Substance Containers

Our representative checked for the presence of substance containers such as oil drums, used oil containers, gasoline jerry cans, paint cans, etc. At the time of our inspection, no substance container was observed at the Phase One Property except for some small containers with household chemicals and oil on a shelf inside the parking garage.

(vi) Waste Management and Maintenance Practices

Domestic waste in the form of general mixed and recyclable refuse is disposed off the Phase One Property by the City of Mississauga Waste Management Services.



(vii) **Air Quality and Noise**

During our inspections, there was no offensive odour or detectable source of air emissions that may impact the ambient air quality at the Phase One Property. No unexpected noise level greater than the ambient was noted at the Phase One Property. In this case, ambient conditions include the traffic on Harmony Hill and Second Line West.

(viii) **Water Wells**

A representative from SEL found a water well at the Phase One Property, located at the back of the building. The UTM coordinates of the water well is 17T 603546 m E and 4830257 m N.

(ix) **Phase One Study Area Inspection**

Based on our visual inspection of the publicly accessible areas, the neighbouring properties in the Phase One Study Area consist mainly of residential properties in all directions and an Area of Natural and Scientific Interest to the west. No unexpected noise or odour level was noted emanating from these properties during our inspection.

(x) **Enhanced Property Investigation**

No enhanced property investigation was conducted since no garage, bulk liquid dispensing facility (gasoline outlet) or dry cleaning equipment (clause 32 (1) (b)) were identified at the Phase One Property during the inspection, and no such facility was located at the Phase One Property in the past, based on our record search.



6.3 Summary of Site Reconnaissance

Our site reconnaissance on January 8, 2016 has revealed the following noteworthy items pertaining to the Phase One Property:

- The Phase One Property is adjacent to two roadways, Second Line West and Harmony Hill.
- A natural conservation area is located to the west of Second Line West.
- Based on the age of the building, hazardous materials may be present in the building.
- During the site visit, the owner mentioned that an underground storage tank (UST) was located on the Phase One Property, and was removed 10 years ago.
- A propane AST is located to the south of the building.



7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

The review of records indicates that the Phase One Property has been used for residential purposes.

A description of the major uses of the Phase One Property and the year in which they appear to have commenced is listed in the Table of Current and Past Uses presented in Appendix 'H'.

7.2 Discussion of Environmental Items

Based on our record review, interviews and site reconnaissance, as of January 18, 2016, the following information pertaining to the environmental condition of the Phase One Property have been disclosed by the Phase One ESA.

- Based on the previous geotechnical investigation report, some fill materials are on the Phase One Property.
- Based on the site inspection and our interview, some truck trailers have been noted on the Phase One Property.
- There is a septic tank and a well on the Phase One Property. (Source: Site inspection and interview)
- An underground storage tank (UST) was removed from the Phase One Property, 10 years ago. (Source: Interview)
- Based on the age of the building, hazardous materials may be present in the building. (Sources: MPAC Report and site inspection)
- The Phase One Property is adjacent to roadways (i.e. Harmony Hill and Second Line West). (Sources: Historical Map, aerial photographs and site inspection).
- An ANSI is located within 30 m from the Phase One Property. In addition, a wooded area and a tributary of a creek are located to the north and west of the Phase One Property, respectively. (Source: Ministry of Natural Resource)



(i) **Potentially Contaminating Activity Classification**

A Potentially Contaminating Activity (PCA) is defined by O. Reg. 153/04 as a use or an activity, as per Table 2 of Schedule “D”, that is occurring or has occurred in a Phase One Study Area.

We have evaluated the risk associated with each of the specific items in the above list to determine the potential for the activity to impact the environmental condition of the subject site.

Fill Material

Based on our previous geotechnical investigation in 2002, some fill materials of unknown environmental quality are on the Phase One Property. This is a PCA with a high environmental concern.

Truck Trailers

Based on the site inspection and our interview, some truck trailers have been noted on the Phase One Property. This item is identified as a PCA with medium to high potential of environmental concern.

Underground Storage Tank (UST)

Based on our interview, an underground storage tank (UST) was removed 10 years ago. However, no documentation is available. Therefore, this is considered as a PCA with high environmental concern.

(ii) **Designated Substances**

It should be noted that suspected hazardous materials were identified within the on-site buildings. Since the buildings are not part of the new development, the designated substances



need to be dealt with prior to any demolition of the structures as part of the Occupational Health and Safety Act. The designated substances and mold are not a part of this environmental assessment.

(iii) **Other Environmental Items**

Water Wells and Septic Systems

Domestic wells and septic systems that are noted and not in use, must be properly decommissioned. A copy of the work orders should be retained for future reference.

Adjacent Roadways

The Phase One Property is adjacent to roadways (i.e. Harmony Hill and Second Line West). This is of concern due to the de-icing chemicals used during the winter season which may result in higher than usual levels for the Sodium Adsorption Ratio (SAR) and Electrical Conductivity (EC) of the soil. If the soil remains in situ, it is considered to meet the standards through clause 48(3) of O. Reg. 153/04. However, should the material be displaced, it will no longer qualify for this exemption and must be managed accordingly.

Water Bodies and Areas of Natural Significance (ANSI)

Based on the record review, an ANSI is located within 30 m from the Phase One Property. In addition, a wooded area and a tributary of a creek are located to the north and west of the Phase One Property, respectively.



7.3 **Areas of Potential Environmental Concern (APEC)**

Based on our review of the activities identified at the subject site and Phase One Study Area, the Areas of Potential Environmental Concern associated with the Potentially Contaminating Activity (PCA) are provided in Appendix 'I'.

7.4 **Phase One Conceptual Site Plan**

A Phase One Conceptual Site Plan illustrating the findings and results of the assessment is presented in Drawing No. 10.



8.0 **CONCLUSION**

Soil Engineers was retained by Great Gulf Homes Limited to carry out a Phase One Environmental Site Assessment (ESA) for a property 6611 Second Line West, in the City of Mississauga, in support of a proposed residential Development. The Phase One Property has been used for residential purposes. The neighbouring properties consist mainly of residential buildings to the north and along Harmony Hill to the east, residential buildings and wooded areas to the south and west.

8.1 **Phase Two Environmental Site Assessment Recommendation**

Based on the information obtained through our record review, interviews and the visual observations recorded during our site reconnaissance, the Phase One ESA has revealed the following items that require further consideration through a Phase Two ESA:

- Fill materials of unknown environmental quality are located on the Phase One Property.
- Some truck trailers have been parked on the Phase One Property.
- An underground storage tank (UST) was located on the Phase One Property.

Accordingly, a Phase Two ESA is recommended to assess the environmental characteristics of the soils and groundwater.

8.2 **RSC Requirements**

Based on the type of development proposed for the Phase One Property, an RSC is not required to be filed in accordance with O. Reg. 153/04. However, local and regional governments may require an RSC as part of the approval process.



Please note that if there is intent to file an RSC, in accordance with O. Reg. 153/04, the most current activity conducted in the Phase One ESA must be within 18 months of the date of filing.

8.3 ESA, Body of Water, ANSI

It should be noted that an ANSI is located within 30 m from the Phase One Property. In addition, a wooded area and a tributary of a creek are located to the north and west of the Phase One Property, respectively.

8.4 O. Reg. 511/09 and Fill

Due to the potential economic consequences associated with the fill requirements should an RSC be filed for this site, we recommend that all site works proceed prior to the filing of any RSC.

8.5 Legal Requirements

If an RSC has been submitted and filed, the property owner must retain a copy of this report for at least 7 years in accordance with O. Reg. 153/04, Section 18.

The objectives and requirements as set out in the Ontario Regulation 153/04 as amended, for a Phase One Environmental Site Assessment, were applied in carrying out the environmental site assessment and the preparation of this report.

SOIL ENGINEERS LTD.

for 

Laila Torabansari, M.Sc.

LT/GG


Dr. Giorgio Garofalo, P.Geo., QP_{ESA}





9.0 REFERENCES

Information in the Public Domain

Environment Canada National PCB Inventory (1994)

Environmental Protection Act (EPA). Part VII of Ontario Regulation 511/09. The Ontario Ministry of the Environment (MOE) (Amended 2009)

MOECC Brownfield's Environmental Site Registry

MOECC Inventory of Coal Gasification Plant Waste Sites in Ontario (April, 1987)

MOECC Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario (November 1988)

MOECC Ontario Inventory of PCB Storage Sites (2000)

MOECC Waste Disposal Site Inventory (June 1991)

MOECC Waste Generator Registration Database Files (2000, 2008 and 2013)

MOECC Water Well Ontario (2016)

Ontario Ministry of Natural Resources (OMNR). OMNR Natural Heritage Information Centre (NHIC) (2016)

Service Ontario, Land Registry Offices 65. Historical Land Titles Search

Service Ontario, Land Registry Offices 65. Land Transfers

Service Ontario, Land Registry Offices 65. Parcel Registries for Property Identifiers

Information from Commercial Databases

EcoLog ERIS. Report Number 20151221032 dated December 23, 2015.



References of Plans and Drawings

Ministry of Natural Resources and Forestry, 2015

York Region Registry Office (No. 65). Property Index Map.

Historical Atlas of Peel County © 1880 Walker & Miles
1880 Historical Map

Soil Engineers Ltd., Ministry of Natural Resources
2003 Ontario Base Map

Contour, Ontario Ministry of Natural Resources and Forestry
Topographic Map, 2015

Ontario Geological Survey 1997, Surface Geology of Ontario; Ontario Geological Survey,
Miscellaneous Released- Data 0014
Surface Geology Map

Bedrock Geology of Ontario, 1993, Data Set 6

Credit Valley Conservation Authority, 2009

Water Course, Ontario Ministry of Natural Resources and Forestry, 2015

The Regional Municipality of Mississauga, 2015



10.0 **GLOSSARY**

ACM:	Asbestos-Containing Materials
ANSI:	Area of Natural and Scientific Interest
APEC:	Area of Potential Environmental Concern
AST:	Above-ground Storage Tank
CFC:	Chlorofluorocarbons
ERIS:	Environmental Risk Information Service Ltd.
ESA:	Environmentally Sensitive Area
HVAC:	Heating, Ventilating and Air-Conditioning system
MCCR:	Ministry of Consumer and Commercial Relations
MNRF:	Ministry of Natural Resources and Forestry
MOE:	Ministry of the Environment (now MOECC)
MOECC:	Ministry of the Environment and Climate Change
MPAC:	Municipal Property Assessment Corporation
NPRI:	National Pollutant Release Inventory
OBM:	Ontario Base Map
ODS:	Ozone-Depleting Substances
PCA:	Potentially Contaminating Activity
PCB:	Polychlorinated Biphenyls
Phase One ESA:	Phase One Environmental Site Assessment
Phase Two ESA:	Phase Two Environmental Site Assessment
SEL:	Soil Engineers Ltd.
TSSA:	Technical Standards & Safety Authority
UFFI:	Urea-Formaldehyde Foam Insulation
UST:	Underground Storage Tank
UTM:	Universal Transverse Mercator



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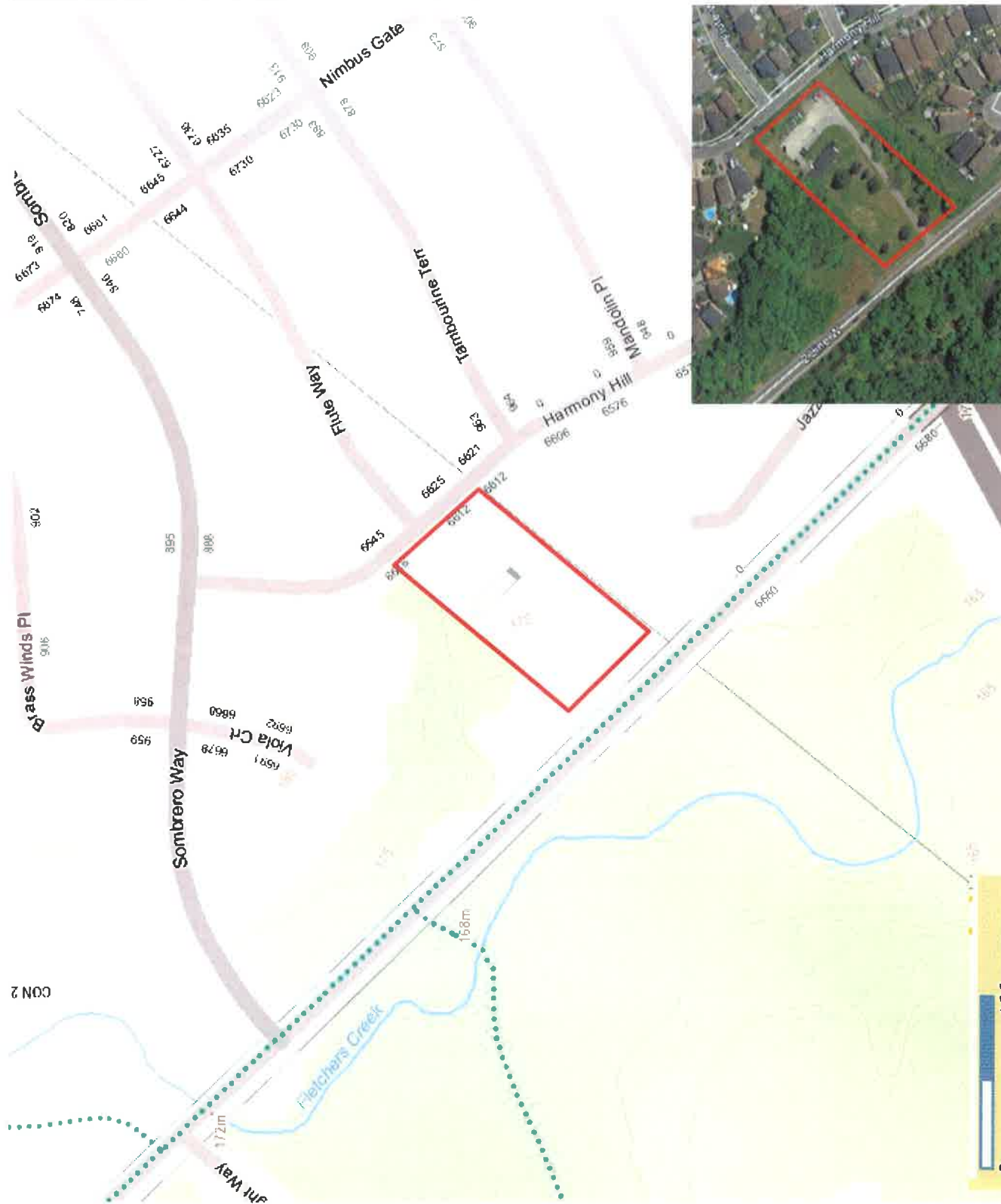
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DRAWINGS

REFERENCE NO. 1512-S086E

		 Approximate Boundary of the Phase One Property	
		Title Site Location Plan	
Project Proposed Residential Development 6611 Second Line West City of Mississauga		Reference No. 1512-S086E	
Date January 18, 2016		Scale Refer to Plan	
Drawing No. 1			



Source: Ministry of Natural Resources and Forestry
 © 2015 Queen's Printer for Ontario
 Google Earth
 © 2015 Imagery



Approximate Boundary
of the Phase One
Property



Soil Engineers Ltd.

Title

Property Index Map

Project

Proposed Residential
Development
6611 Second Line West
City of Mississauga

Reference No.

1512-S086E

Date _____

January 18, 2016

Scale

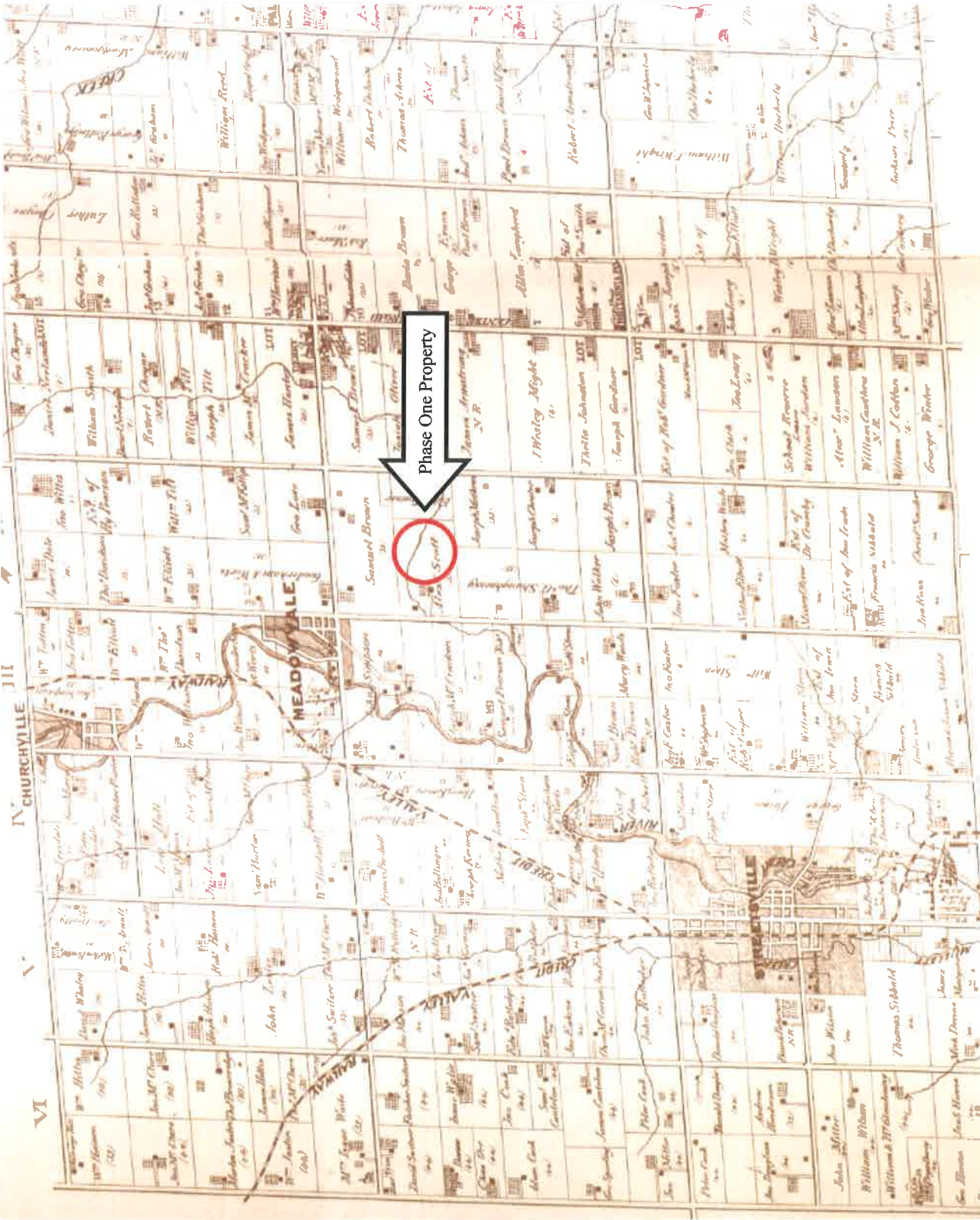
Refer to Plan

Drawing No.

2



90m



Approximate Boundary
of the Phase One
Property

Orchard



Soil Engineers Ltd.

Title

1880 Historical Map

Project

Proposed Residential
Development
6611 Second Line West
City of Mississauga

Reference No.

1512-S086E

Date

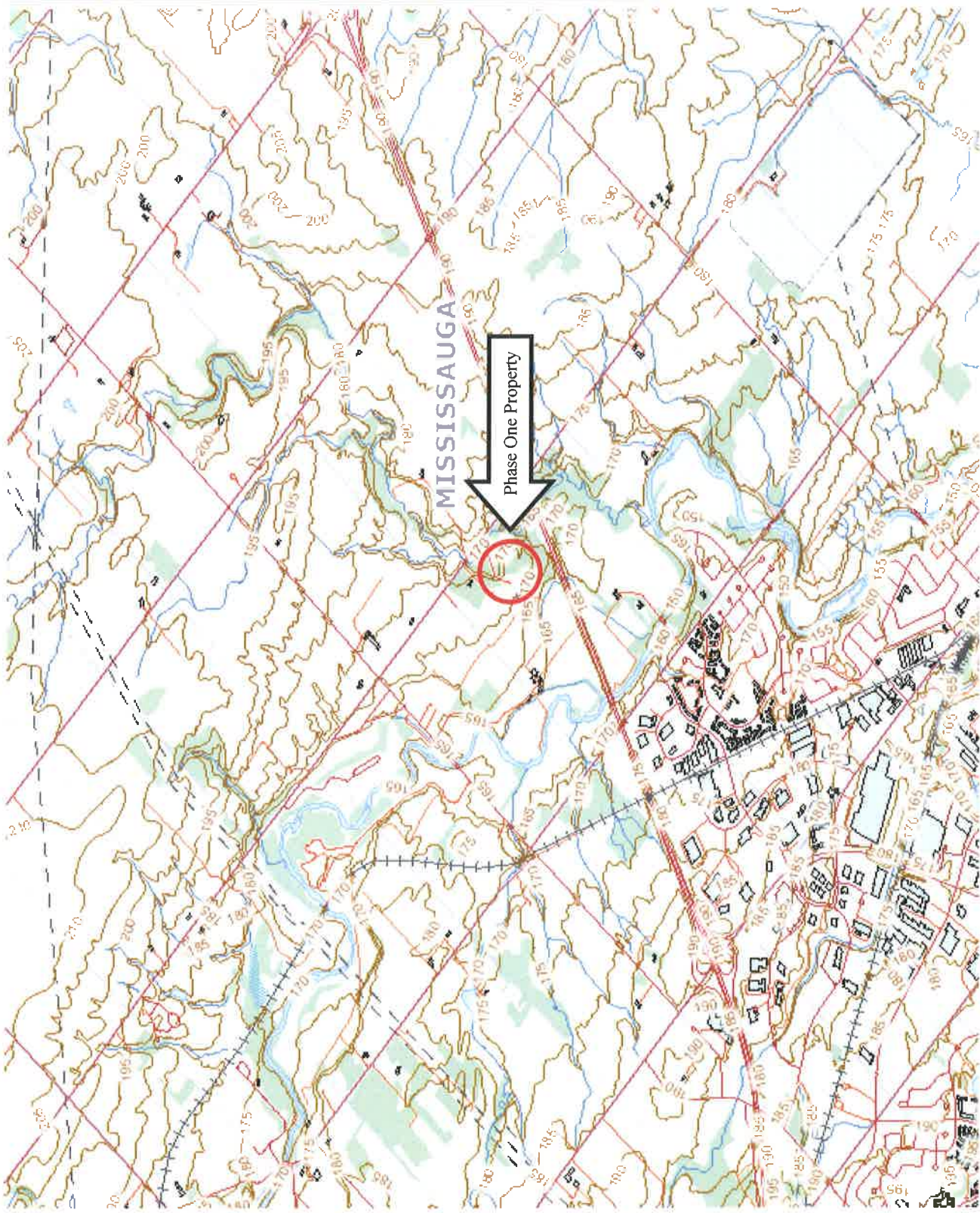
January 18, 2016

Scale

40 chains to 1 inch

Drawing No.

3



Approximate Boundary
of the Phase One
Property



Soil Engineers Ltd.

Title

Ontario Base Map

Project

Proposed Residential
Development
6611 Second Line West
City of Mississauga

Reference No.

1512-S086E

Date

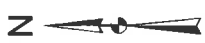
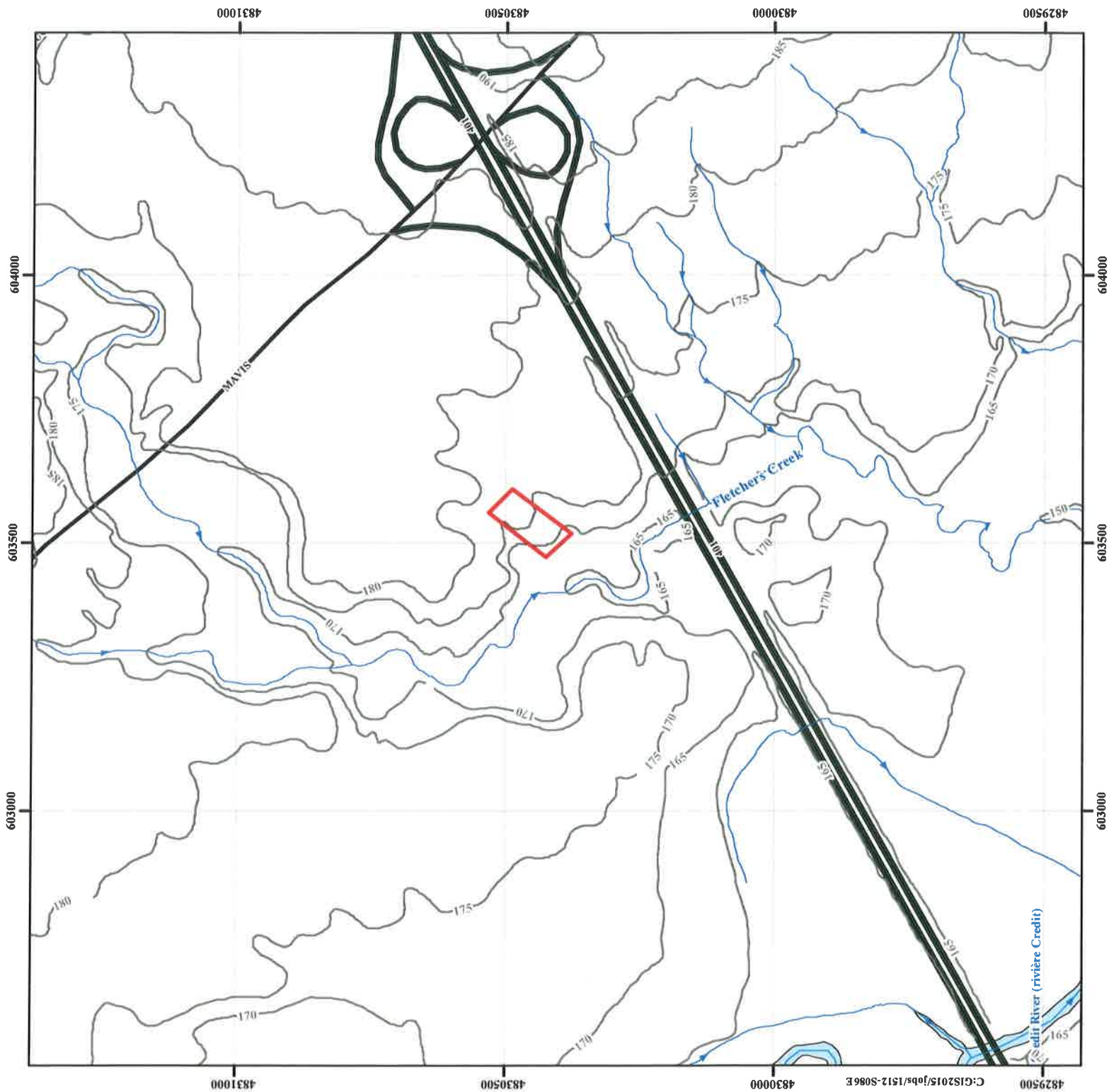
January 18, 2016

Scale

Refer to Plan

Drawing No.

4



Approximate Boundary of
Phase One Property



Topographic Contour (masl)



Watercourse



Express Way



Major Road



Soil Engineers Ltd.

Title: Topographic Map

Project:

Proposed Residential Development
6611 Second Line West
City of Mississauga

Reference No. 1512-S086E

Date: January 6, 2016

Scale:



Drawing No. 5

Source: Contour, Ontario Ministry of Natural Resources and Forestry, 2015
 Queen's Printer for Ontario, 2015
 Source Water Body, Ontario Ministry of Natural Resources and Forestry, 2015
 Queen's Printer for Ontario, 2015
 Source Water Course, Ontario Ministry of Natural Resources and Forestry, 2015
 Queen's Printer for Ontario, 2015



C:\GIS\2015\jobs\1512-S086E




- Approximate Boundary of Phase One Property
- X Bedrock Outcrops
- Halton Till
Material: predominantly silt to silty clay matrix, high in matrix carbonate content and clast poor
- Glaciolacustrine deposits (Silty)
Material: silt and clay, minor sand, basin and quiet water deposits
- Expressway
- Major Road



Soil Engineers Ltd.

Title: Surface Geology Map
Project: Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No. 1512-S086E
Date: January 6, 2016
Scale: 0 75 150 300 450 600 750 Metres
Drawing No. 6

Source: Ontario Geological Survey, 1997,
Surface Geology of Ontario, Ontario Geological Survey,
Miscellaneous Released-Data 001.4








Approximate Location of Phase One Property


Queenston Fm.
Rock Description: Shale, limestone, dolostone, siltstone

Georgian bay Fm.; Blue Mountain Fm.; Billings Fm.; Collingwood Mb.; Eastview Mb.
Rock Description: Shale, limestone, dolostone, siltstone

Expressway

Major Road



Soil Engineers Ltd.

Title: Bedrock Geology Map


Project:

Proposed Residential Development
6611 Second Line West
City of Mississauga

Reference No. 1512-S086E

Date: January 6, 2016

Scale:



Drawing No. 7





Approximate Boundary
of the Phase One
Property



Soil Engineers Ltd.

Title

Watershed Map

Project

Proposed Residential
Development
6611 Second Line West
City of Mississauga

Reference No.

1512-S086E

Date

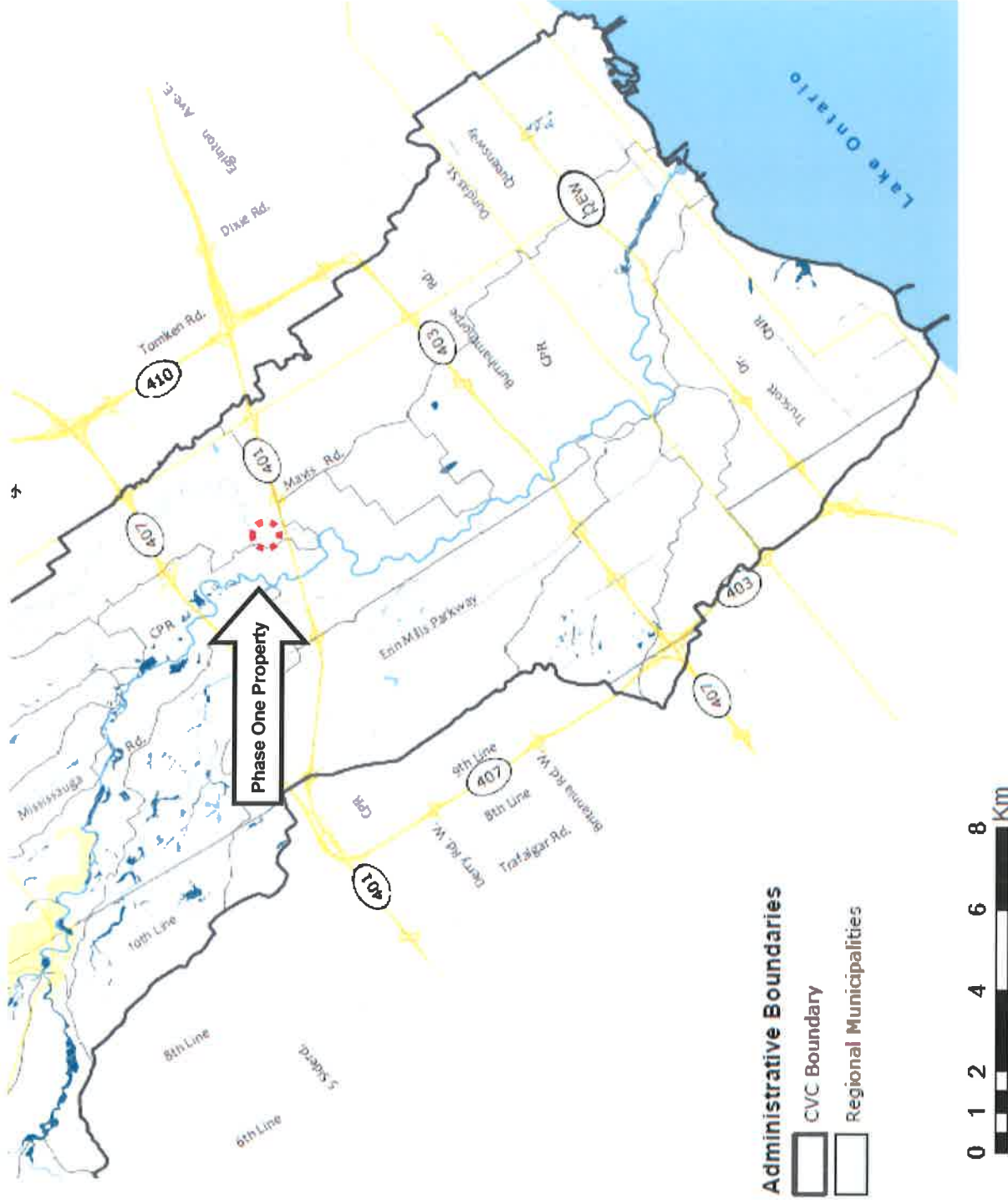
January 18, 2016

Scale

Refer to Plan

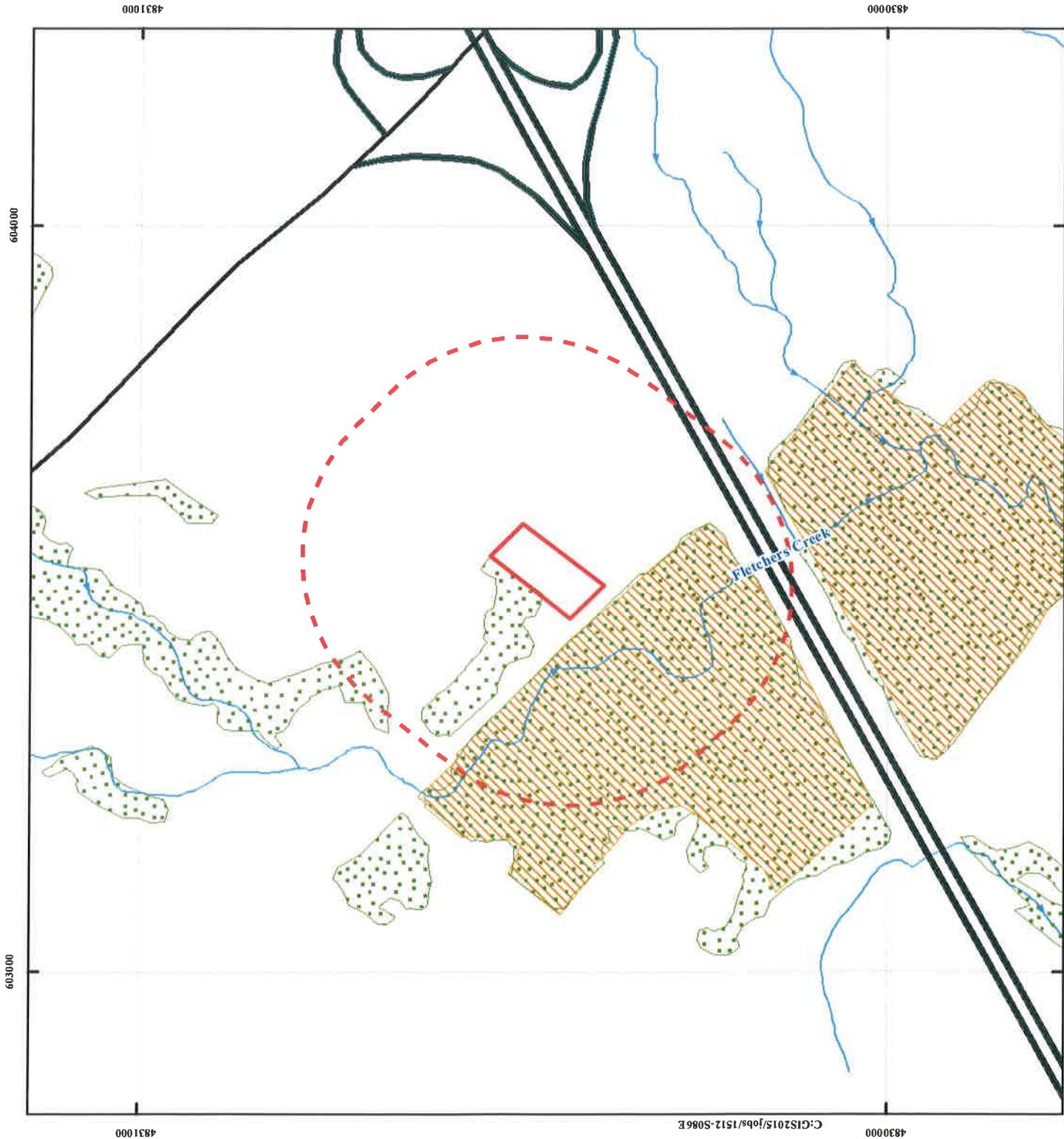
Drawing No.

8



Source: Credit Valley Conservation Watershed Plan, 2009
© 2009 Credit Valley Conservation

Approximate Location of Subject Site



Contains information licensed under the Open Government Licence - Ontario, 2014 and 2015.
 Includes information: Provincial Park, Conservation Reserve, Area of Natural and Scientific Interest, Wetland, Niagara Escarpment
 Protection Area, Oak Ridges Moraine Conservation and Wilderness Areas
 Source: Ontario Ministry of Natural Resources and Forestry, 2015
 Source: Queen's Printer for Ontario, 2015
 Source: Water Course, Ontario Ministry of Natural Resources and Forestry, 2015
 Source: Queen's Printer for Ontario, 2015
 Source: Water Body, Ontario Ministry of Natural Resources and Forestry, 2015
 Source: Queen's Printer for Ontario, 2015
 OWES: Ontario Wetland Evaluation System



- Approximate Boundary of Phase One Property
- Approximate Boundary of Phase One Study Area
- Area of Natural and Scientific Interest (ANSI)
- Wooded Area
- Watercourse
- Express Way
- Major Road



Title: Area of Natural Features and Protection Area Plan
Project:
Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No. 1512-S086E
Date: January 6, 2016
Scale: 03060120180240300 Metres
Drawing No. 9



Source © 2015 - The Regional Municipality of Mississauga
 © 2015 of the Queen's Printer for Ontario 603400

Agricultural
and Other



Approximate Boundary of
Phase One Property
Approximate Boundary
of Phase One Study Area

Water Well Location
from EcoLog

Water Well Location from
MOECC Well Help Desk

Inferred Groundwater
Flow Direction
Watercourse

Expressway

Local Road

Potentially Contaminating Activities (PCAs)

Commercial Trucking and
Container Terminals

Gasoline and Associated Products
Storage in Fixed Tanks

Importation of Fill Material
of Unknown Quality

①

②

③

Area of Potential Environmental Concern
(APEC)

APEC 1

APEC 2

APEC 3



Soil Engineers Ltd.

Title: Phase One Conceptual Site Plan

Project:

Proposed Residential Development
6611 Second Line West
City of Mississauga

Reference No. 1512-S086E

Date: January 6, 2016

Scale:



Drawing No. 10



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APPENDIX 'A'

MPAC REPORT

REFERENCE NO. 1512-S086E



Residential Detail Level 1 Report



Purchased Date: 18-01-2016



Property Address: 6611 SECOND LINE W

Municipality: MISSISSAUGA CITY

Roll Number: 2105040096119000000

Property Code & Description 301 - Single-family detached (not on water)

Legal Description: CON 2 WHS PT LOT 9

Last Valid Sale Date (yyyy/mm/dd) 1987-10-01

Last Valid Sale Amount \$500,000

Services:

Hydro	Water	Sanitary	Heating	Air Conditioning
N - No Hydro available	P - None But Potential to Connect to One of the Above	N - None	FA - Forced Air (gas/oil) Heat Pump / Solar	No

Lot Details:

Frontage (ft)	Depth (ft)	Site Area
211.21	-	2.00 A

Primary Structures:

Structure Code & Description	301 - SINGLE FAMILY DETACHED
Year Built	1953
Total Floor Area(Above Grade)(sq ft)	1,652
First Floor Area (sq ft)	1,652
Second Floor Area (sq ft)	-
Third Floor Area (sq ft)	-
Full Storeys	1
Partial Storeys	-
Bedrooms	2
Full Bathrooms	1
Half Bathrooms	1



Map and Photo Report



Purchased Date: 18-01-2016

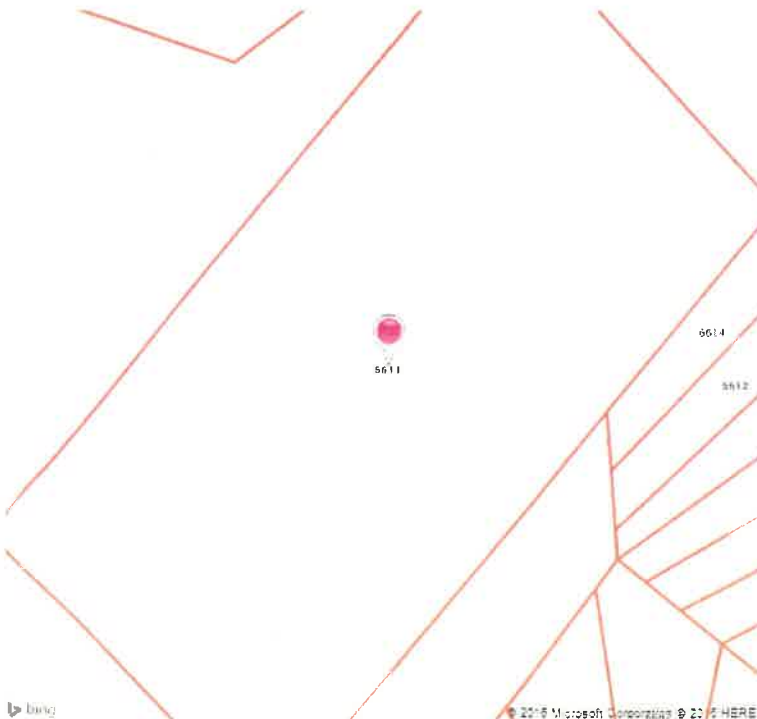
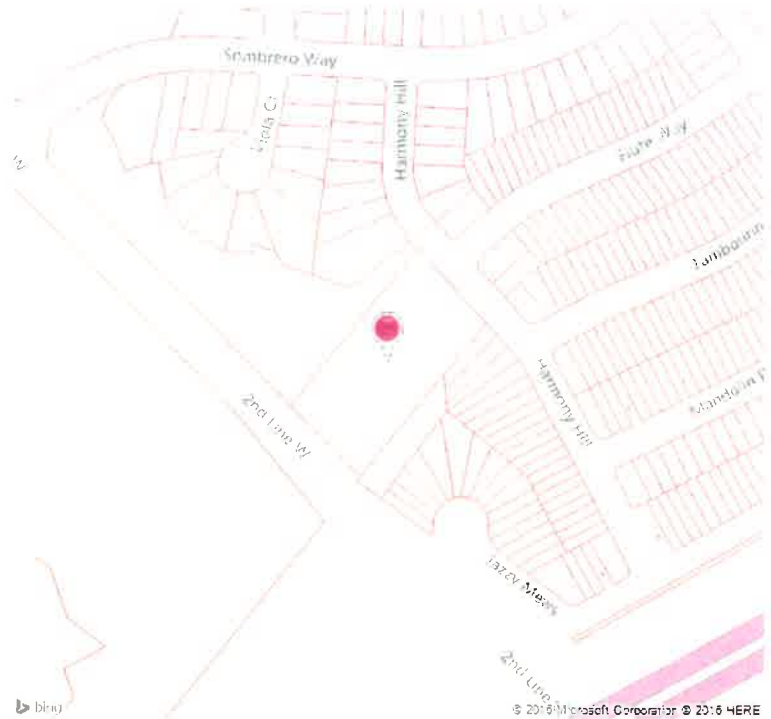
Report Details

Address: 6611 SECOND LINE W

Province: ON

Municipality: MISSISSAUGA CITY

Postal Code: L5W 1N2





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APPENDIX 'B'

OWNERSHIP HISTORY

REFERENCE NO. 1512-S086E



Ontario

ServiceOntario

LAND

REGISTRY
OFFICE #43

PARCEL REGISTER (ABBREVIATED) FOR PROPERTY IDENTIFIER

PAGE 1 OF 1

PREPARED FOR LT
ON 2016/01/18 AT 09:14:25

13213-3809 (LT)

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

PROPERTY DESCRIPTION: PT LT 9, CON 2 WEST OF HURONTARIO ST, PART 1, 43R27945 ; MISSISSAUGA

PROPERTY REMARKS: SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHENTS OR FORFEITURE TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE.

RECENTLY:
RE-ENTRY FROM 13213-0481

ESTATE/QUALIFIER:
FEE SIMPLE
ABSOLUTE

OWNERS' NAMES
705306 ONTARIO LIMITED

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHAD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE: 2003/03/06 **						
VS248789	1973/02/12	NOTICE				C
REMARKS: AMENDMENT OF TORONTO-MALTON AIRPORT ZONING REGULATIONS LT248789 AMENDED TO READ 248789VS 95/11/14 KATHY POWER						
RG822560	1987/10/28	TRANSFER	\$500,000		705306 ONTARIO LIMITED	C
LT2057426	2000/03/27	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF THE DEPARTMENT OF TRANSPORT CANADA		C
REMARKS: PEARSON AIRPORT ZONING REGULATION						
PR370594	2002/12/30	NO APL ABSOLUTE		705306 ONTARIO LIMITED		C
43R27945	2003/03/06	PLAN REFERENCE				C
PR401605	2003/03/06	APL ABSOLUTE TITLE		705306 ONTARIO LIMITED		C

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

PAGE

LOT

09

TOWNSHIP OF TORONTO CONCESSION

02 WHS

No. of Entrance	Instrument	IN DATE	DATE OF REGISTRATION	GRANTOR	GRANTEE	QUANTITY OF LAND	Consideration or Amount of Mortgage	REMARKS
	PATENT	27NOV1865		THE CROWN	DAVID TREANOR	ALL 200 ACRES.		
9742	B.S.	15MAR1881	17APR1883	DAVID TREANOR	RICHARD TREANOR	59 ACRES.	£50.	
12199	B.S.	15MAR1881	17APR1883	DAVID TREANOR	RICHARD TREANOR	59 ACRES.	£50.	
12199	B.S.	15MAR1881	17APR1883	DAVID TREANOR	RICHARD TREANOR	59 ACRES.	£50.	
49669	M.	2APR1882	14APR1882	WILLIAM ASSINDER	WILLIAM ASSINDER	141 ac.	£123.	
24347	M.	2APR1882	14APR1882	WILLIAM ASSINDER	WILLIAM ASSINDER	141 ac.	£123.	
1888	B.M.	2APR1882	14APR1882	WILLIAM ASSINDER	WILLIAM ASSINDER	141 ac.	£123.	
7236	B.M.	2APR1882	14APR1882	WILLIAM ASSINDER	WILLIAM ASSINDER	141 ac.	£123.	
7239	M.	2APR1882	14APR1882	WILLIAM ASSINDER	WILLIAM ASSINDER	141 ac.	£123.	
10902	WILL	2DEC1882	2FEB1883	RICHARD TREANOR	RICHARD TREANOR	59 ACRES.	£50.	
1906	F.O.F.	27MAR1876	5 APR1876	R. W. Henshaw	Sarah Assinder et al	141 ac.		
2127	B.S.	18JAN1877	24FEB1877	R. W. Henshaw	Alex P. Scott	Discharging No. 22101		
2128	B.S.	11DEC1876	24FEB1877	R. W. Henshaw et ux	Alex P. Scott	141 ac.		
2129	B.S.	11DEC1876	24FEB1877	R. W. Henshaw et ux	R. W. Henshaw	141 ac.		
2618	B.S.	28NOV1878	9 JAN1879	O. E. Treanor et ux	Francis Sibbald	4000.00	59 ac. and 0.1.	
2619	B.S.	8 JAN1879	9 JAN1879	Francis Sibbald et ux	Joseph Graham	1000.00		
2631	B.S.	30DEC1878	18JAN1879	M. W. Cook	F. H. Henshaw	3216.00		
2763	B.S.	17FEB1879	7 MAY1879	Alex P. Scott et ux	Wm. Farnell Sr. et al	7800.00	141 ac.	
3000	B.S.	17FEB1879	7 MAY1879	Alex P. Scott et ux	John Farnell et al	Discharging No. 22101		
3376	B.S.	17FEB1879	7 MAY1879	Alex P. Scott et ux	North of Scotland Co.	2000.00	59 ac. and 0.1.	
4063	B.S.	22MAR1882	24DEC1882	Joseph Graham	Frank Sibbald	Discharging No. 22101		
4091	B.S.	23JAN1884	23JAN1884	Francis Sibbald et ux	George Loughheed	1.00 on bond.	59 ac.	
5851	B.S.	3 NOV1886	10NOV1886	George Loughheed	James McOutcheon	3650.00	59 ac. and 0.1.	
5952	B.S.	3 NOV1886	10NOV1886	James McOutcheon et ux	George Loughheed	3150.00	59 ac. and 0.1.	
6031	B.S.	1 MAR1887	24MAR1887	North of Scotland Co.	Francis Sibbald	Discharging No. 22101		
6043	B.S.	23MAR1887	24MAR1887	George Loughheed	Mary A. McCollum	2710	59 ac. and 0.1.	
7424	B.S.	19DEC1890	17JAN1891	Mary Farnell et al	James D. Laidlaw	1920.00	141 ac.	
7328	B.S.	2 MAR1892	10MAR1892	Mary A. McCollum	Thomas Cranston	2960.00	59 ac. and 0.1.	
7875	B.S.	20APR1892	27APR1892	Thomas Cranston et ux	William Irwin	3000.00	59 ac. and 0.1.	
8968	B.S.	20NOV1895	23NOV1895	Aaron Laidlaw Exr.	Wm. H. Laidlaw et al	4500.00	141 ac.	

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25x10

32x10

25x10

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NUMBER	INSTRUMENT	DATE OF INSTRUMENT	DATE OF REGISTRATION	GRANTOR	GRANTEE	AREA	CONSIDERATION	REMARKS
10801515	Grant	10 Mar. 1969	21 May 1969	Berwin Investments Limited	The Corporation of the Town of Mississauga		5,500 sq. ft.	Comm. at 1/2% W.L. Thence SE 1989.85' x NE 27.16' x NW 190.61' x SW 27.17' to post. thence thence to 7799 - To accept
11070515	By-Law	9 June 1969	16 June 1969	The Corporation of the Town of Mississauga	By-Law No. 7799 - To accept			
14537715	Grant	22 June 1970	16 July 1970	George J. Haw et ux	Arthur Glaser et ux		2.00 x c. Part (10.376 ac.) Comm. 359.91' N.E. of Ely L Thence N.W. 518.16' x S.W. 248.55' x S.W. 372.83' x S.W. 140.77' x S.W. 347.50' x S.W. 339.42' x S.E. 414.79' x N.E. 508.15' N.E. 308.65' x N.E. 370.66' x N.W. N. 117' x N.E. 218.13' to post. thence thence to 14537715	
14537815	MORTGAGE	22 June 1970	16 July 1970	Arthur Glaser	George J. Haw		145,000.00	DISBURSED BY M. 557170-14537815
14537815	MORTGAGE	22 July 1970	23 July 1970	Arthur Glaser	The Toronto-Dominion Bank		145,000.00	Part no. in 14537815
15227215	MORTGAGE	7 Oct. 1970	13 Oct. 1970	Arthur Glaser et ux	The Toronto-Dominion Bank		145,000.00	Part no. in 14537815
15227215	MORTGAGE	7 Jan. 1971	12 Jan. 1971	Arthur Glaser	Arthur Glaser		145,000.00	Part no. in 14537815
14507915	Grant	22 Feb. 1971	22 Feb. 1971	The Toronto-Dominion Bank	Arthur Glaser		145,377.15	discharge of 14507915
14508015	Grant	17 Mar. 1971	22 Mar. 1971	The Toronto-Dominion Bank	Arthur Glaser		145,377.15	discharge of 14508015
14545915	MORTGAGE	26 Aug. 1971	16 Sept. 1971	Arthur Glaser	Arthur Glaser		145,377.15	Part no. in 14545915
14910815	Grant	12 Oct. 1971	18 Mar. 1971	The Toronto-Dominion Bank	Sand Goldberg		145,377.15	discharge of 14910815
20515105	MORTGAGE	9 March 1972	30 Mar. 1972	Arthur Glaser	Wolfgang K. Doring		145,377.15	discharge of 20515105
21422215	Grant	17 Feb. 1972	7 July 1972	The Toronto-Dominion Bank	Arthur Glaser		145,377.15	discharge of 21422215

CONTINUED ON NEXT PAGE

REGISTRATION NUMBER	INSTRUMENT	DATE OF INSTRUMENT	REGISTRATION DATE	GRANTOR	GRANTEE	CONSIDERATION	LAND AND REMARKS
2302030	Deposit	19 Sept 1972	19 Sept 1972	(part con. 45,597.00)			
2302040	Grant	18 Aug 1972	19 Sept 1972	George T. Hais et ux.	Arthur Iseler	2.00+	To correct deed no 14539705 Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302050	Grant	19 July 1972	19 Sept 1972	Arthur Iseler	Mary D. Sunday	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302060	MARSHAGE	13 Sept 1972	19 Sept 1972	Mary D. Sunday	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302070	D.H.	Sept 1972	19 Sept 1972	Grant Goldberg	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302080	D.H.	12 Sept 1972	19 Sept 1972	Grant Goldberg	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302090	D.H.	Sept 1972	19 Sept 1972	William K. Downing	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302100	Grant	27 Nov 1972	19 Sept 1972	Henry E. Wright	Richard C. Jones	1.00+	Part (1.98 ac.) con. 21.16 102.21' 11. course to SE 161.17'
2302110	MARSHAGE	30 Nov 1972	19 Sept 1972	Richard C. Jones	Mary E. Wright	2.00+	Part (1.98 ac.) con. 21.16 102.21' 11. course to SE 161.17'
2302120	Native	30 Nov 1972	19 Sept 1972	Amendment of Airport zoning Regulations			
2302130	Grant	6 June 1973	19 Sept 1973	Mary D. Sunday	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302140	MARSHAGE	20 June 1973	19 Sept 1973	Mary D. Sunday	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302150	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302160	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302170	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302180	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302190	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302200	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302210	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302220	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302230	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302240	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302250	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302260	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302270	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302280	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302290	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302300	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302310	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302320	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302330	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302340	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE 161.17'
2302350	Grant	17 Sept 1973	19 Sept 1973	Arthur Iseler	Arthur Iseler	2.00+	Part (10.376 ac.) con. 14539705 ex. wpt. 11. course to SE

REGISTRATION NUMBER	INSTRUMENT	DATE OF INSTRUMENT	REGISTRATION DATE	GRANTOR	GRANTEE	REMARKS
408039	Cent.	1 Oct. 1976	4 Oct. 1976	Thomas C. Jones	Richard C. Jones	re: 241052 US
408044	Mont.	25 Sept. 1976	4 Oct. 1976	Wendy C. Jones & Hilda C. Jones	20000 20000 (19800)	Pl. acc. no. 241052 US
420008	D. 77	19 Sept. 1977	7 Sept. 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
420119	D. 77	19 Sept. 1977	5 May 1978	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
430246	Cent.	11 May 1977	1 June 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
436694	Mont.	20 May 1977	30 June 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
436695	MORTGAGE	1 June 1977	30 June 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
436696	MORTGAGE	20 June 1977	30 June 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
442031	Mortgage	19 July 1977	9 Aug. 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
448072	Cent.	26 Sept. 1977	26 Sept. 1977	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
460682	D. 77	8 Dec. 1977	11 Jan. 1978	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged
470657	D. 77	20 Dec. 1977	20 Jan. 1978	Wendy C. Jones & Hilda C. Jones	as joint tenants	discharged

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CONCESSION 02 units

LOT 09

REGISTRATION NUMBER	INSTRUMENT	DATE OF INSTRUMENT	REGISTRATION DATE	GRANTOR	GRANTEE	CONSIDERATION ETC.	LAND AND REMARKS
47010	M	2 March 1978	11 April 1978	George T. Walsh	7 months 0		standing 808
477707	DEED OF MORTGAGE	2 June 1978	29 June 1978	Peter B. Smith & Thomas J. B. Smith	George T. Walsh	500	standing 808
510300	MORTGAGE	1 June 1978	11 June 1978	George T. Walsh	George T. Walsh		standing 808
500877	DEED	13 Dec 1978	17 Dec 1978	George T. Walsh	George T. Walsh		standing 808
540247	DEED	14 Nov 1979	23 Jan 1980	George T. Walsh	George T. Walsh		standing 808
540248	MORTGAGE	18 Jan 1980	23 Jan 1980	George T. Walsh	George T. Walsh		standing 808
540250	MORTGAGE	30 Nov 1979	23 Jan 1980	George T. Walsh	George T. Walsh		standing 808
540452	DEED	22 Jan 1980	21 May 1980	George T. Walsh	George T. Walsh		standing 808
540453	MORTGAGE	21 May 1980	21 May 1980	George T. Walsh	George T. Walsh		standing 808
551951	DEED	-	30 June 1980	George T. Walsh	George T. Walsh		standing 808
560448	MORTGAGE	24 Sept 1980	6 Oct 1980	George T. Walsh	George T. Walsh		standing 808
560453	MORTGAGE	25 Sept 1980	6 Oct 1980	George T. Walsh	George T. Walsh		standing 808
560454	MORTGAGE	10 Sept 1980	10 Oct 1980	George T. Walsh	George T. Walsh		standing 808

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REGISTRATION NUMBER	INSTRUMENT	DATE OF INSTRUMENT	REGISTRATION DATE	GRANTOR	GRANTEE	COMMISSION, ETC.	LAND AND REMARKS
751894	Mort	15-05-86	05-06-86	HILLS & VALLEY Co., Ltd.	SS. D. THOMAS Management Co., Ltd.	80	Part of ex-100-125-1-3
751895	Discharged by				400-125-1-3	0	Part of ex-100-125-1-3
751896	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751897	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751898	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751899	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751900	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751901	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751902	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751903	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751904	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751905	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751906	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751907	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751908	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751909	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751910	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751911	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751912	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751913	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751914	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751915	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751916	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751917	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751918	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751919	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751920	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751921	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751922	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751923	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751924	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751925	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751926	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751927	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751928	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751929	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751930	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751931	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751932	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751933	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751934	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751935	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751936	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751937	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751938	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751939	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3
751940	Asst. Dep. Land Reg. Return				400-125-1-3	0	Part of ex-100-125-1-3</

REGISTRATION NUMBER	INSTRUMENT	DATE OF INSTRUMENT	REGISTRATION DATE	GRANTOR	GRANTEE	CONSIDERATION \$	LAND AND REMARKS
812516	Order		12-08-87	See			No discharge 7-8-88 to order 7-8-88
822560	Grant		25-10-87	ENBREE, Kilburn C. ENBREE, Eugene B.	705306 Ontario Aurited		Part as in 408048 VS
822561	Mort assigned by 853987		25-10-87	705306 Ontario Aurited	ENBREE, Kilburn C. ENBREE, Eugene B.	300,000	Part as in 408048 VS
822613	Mort		29-10-87	Cubic, Stephen Cubic, Linda	Canadian Imperial Bank of Commerce	550,000	Part as in 633870
830310	Mort		24-12-87	Hills and Battery Co Ltd	D. B. Thomas Management	100,000	Part as in 732698
DISCHARGED BY # 991244 ASST. DEP. CLERK 14 10/24/88				Di Blasio Group Inc.	Consultants Ltd		Except portion Comm. 87.9.91 from Etc.
833179	P. H. M.		22-01-88	SNOR, Hans Joachim in fact	JURVIS, Johannes JURVIS, Jette		W. met 800552
833692	Mort of apparently for bank By:		29-01-88		NOBROW, Lennus Inc.		part of 1st registered as per 1223 on attached part 2000-02-01
839044	Sub of 1st Registered and 1st 1st		11-03-88	NOBROW, Lennus Inc.			Application # D3750-413-921 Part 8.9 Notice 413.100 sup. 2. 11.81

PAGE NO. 16 ABSTRACT INDEX LOT 2 CONCESSION 2 NHS

REGISTRATION NUMBER	INSTRUMENT	REGISTRATION DATE DAY MONTH YEAR	GRANTOR	GRANTEE	CONSIDERATION ETC.	LAND AND REMARKS
899609	Mort.	89 04 11	HILLS and Valley Co. Ltd. DIBLASIO Group Inc. DIBLASIO Enterprises Inc.	D.B. Thomas Management & Consultants Ltd.	\$125,000.00	part as in no. 792895
899610	Mort.	89 04 11	HILLS and Valley Co. Ltd.	D.B. Thomas Management & Consultants Ltd.	\$370,000.00	part & O.L. as in 825 WS
913003	Mortgage	89-10-06	DIBLASIO Group Inc. DIBLASIO Enterprises Inc.	THE Bank of Nova Scotia	\$5,000,000.00	part as in no. 732698
920701	Assignment	89 12 07	CURIC, Stipan as to a 55% interest CURIC, Anda as to a 45% interest	CANADIAN IMPERIAL BANK OF COMMERCE		886006 (Mortgage)
936008	Notice	90 05 03		HILLS & Valley Company Limited DI Blasio Group Inc. DI Blasio Enterprises Inc. HILLS & Valley Company Limited		application No. D5009-43-592 D6010-43-593 part & O.L. designated as part 1 on attached print (2) part designated as part 2 on attached print
946735	Certificate of 1st Regn. Land Titles Act	90 08 10		HILLS AND VALLEY Co. Ltd.		Application No. D6009-43-592 Pt & O.L. designated as pt 1 on 438-18015 now Parcel 9-2 Section 43-Tor. Imp. 2 NHS
946736	Certificate of 1st Regn. Land Titles Act	90 08 10		DI BLASIO Group Inc. DI BLASIO Enterprises Inc. HILLS AND VALLEY Co. Ltd.		Application No. D6010-43-593 Pt designated as pt 2 on 438-18015 now Parcel 9-3 Section 43-Tor. Imp. 2 NHS

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FORM RO-3-TM

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 Hisissauga

946736

REGISTRATION NUMBER	INSTRUMENT	RECEIPT/DATE DAY MONTH YEAR	GRANTOR	GRANTEE	CONSIDERATION ETC.	LAND AND REMARKS
964609	Discharge	91 03 11 EX 91 03 11	EMREE, Kilburn Charles EMREE, Georgia Brown			Purports to discharge Mortgage In. 822561
974353	Order	91 06 25	O.C.	MATTANNE Holdings Limited, STARZINKA Inc. STUART Music Inc. HAGMACREST Properties Inc. BIASHADA Investments Inc. MC-SQUARED Inc. JMO Properties Limited AL-SARIYA Inc. 509833 Ontario Ltd. ABEEN Investments Inc. JADELYN Dupuis SABIRA J. Kernali FRANCES Stephan MARTIN Welsh CLAIRETTE Welch (P)	RE: part as in no. 886005	
R01002209	Agreement	92 04 03	Hills and Valley Company Limited	D.B. Thomas Management & Consultants Limited		RE: Extend Mort No. 899610.
R01002210	Agreement	92 04 03	Hills and Valley Company Ltd. DIBLASIO Group Inc. DIBLASIO Enterprises Inc.	D.B. Thomas Management & Consultants Limited		Re: Mort No. 899609
R0 1065995	Order	94 05 25	QC	Sun Life Trust Company (P)		Part as in no. 658649 - re: 811412
R0 1065996	Deposit	94 05 25	See Deposit no. R0 1065996			Part as in no. 658649 - re: 811412
R0 1065997	Transfer	94 05 25	Sun Life Trust Company	LAZAREVIC, Ranko LAZAREVIC, Matasa at JT	558,050.00	Part as in no. 658649 Planning Act statement re: section 50 complete sold under power

FORM RG-3-TM

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CONCESSION 2 WTS

ABSTRACT INDEX

LOT:

CONCESSION 2 WTS

REGISTRATION NUMBER	INSTRUMENT	REGISTRATION DATE DAY MONTH YEAR	GRANTOR	GRANTEE	CONSIDERATION ETC.	LAND AND REMARKS
			<p><i>Part of</i> NOTICE</p> <p>The land in this parcel register is designated, as of</p> <p>SEP 10 1956</p> <p>Under part 11 of the Land Act, the land is reserved for the use of the Government and is not subject to the provisions of the Land Act. The land is reserved for the use of the Government and is not subject to the provisions of the Land Act.</p>			
			<p><i>Part of</i> NOTICE</p> <p>ALL CHARGES</p> <p>NOV 19 1956</p> <p>SLIP REGISTERED IN THE LAND AND SURVEY REGISTRY ACT</p>			

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Soil Engineers Ltd.

CONSULTING ENGINEERS

GEOTECHNICAL • ENVIRONMENTAL • HYDROGEOLOGICAL • BUILDING SCIENCE

100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

BARRIE	MISSISSAUGA	OSHAWA	NEWMARKET	GRAVENHURST	PETERBOROUGH	HAMILTON
TEL: (705) 721-7863 FAX: (705) 721-7864	TEL: (905) 542-7605 FAX: (905) 542-2769	TEL: (905) 440-2040 FAX: (905) 725-1315	TEL: (905) 853-0647 FAX: (416) 754-8516	TEL: (705) 684-4242 FAX: (705) 684-8522	TEL: (905) 440-2040 FAX: (905) 725-1315	TEL: (905) 777-7956 FAX: (905) 542-2769

APPENDIX 'C'

ERIS DATABASE REPORT

REFERENCE NO. 1512-S086E

DATABASE REPORT



Project Property: 1512-S086E, 6611 Harmony Hill, Mississauga
6611 Harmony Hill
Mississauga ON
1512-S086E

P.O. Number

Report Type: Quote - Custom-Build Your Own Report

Order #: 20151221032

Requested by: Soil Engineers Ltd.

Date: December 23, 2015

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

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: 1512-S086E, 6611 Harmony Hill, Mississauga
6611 Harmony Hill Mississauga ON

P.O. Number: 1512-S086E

Order Information:

Order No.: 20151221032
Date Requested: 24/12/2015
Requested by: Soil Engineers Ltd.
Report Type: Quote - Custom-Build Your Own Report

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	5	5
CA	<i>Certificates of Approval</i>	Y	0	1	1
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defence & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defence & Canadian Forces Spills</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	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	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
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	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	3	4
Total:			1	10	11

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist m</i>	<i>Elev diff m</i>	<i>Page Number</i>
<u>1</u>	WWIS		lot 9 con 2 ON	-/0.0	0.00	<u>11</u>

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
<u>2</u>	WWIS		lot 9 con 3 ON	SW/57.7	0.00	<u>11</u>
<u>3</u>	EHS		Second Line West Mississauga ON	SSE/96.7	0.00	<u>12</u>
<u>4</u>	CA	2096553 Ontario Inc.	6695 Second Line Mississauga ON	WNW/186.1	0.00	<u>12</u>
<u>5</u>	WWIS		lot 9 con 3 ON	SW/190.0	0.00	<u>12</u>
<u>6</u>	BORE		ON	SSE/205.9	0.00	<u>13</u>
<u>7</u>	BORE		ON	SSE/214.3	0.00	<u>13</u>
<u>8</u>	BORE		ON	SSE/226.3	0.00	<u>14</u>
<u>9</u>	BORE		ON	SSE/236.5	0.00	<u>14</u>
<u>10</u>	BORE		ON	S/217.8	0.00	<u>15</u>
<u>11</u>	WWIS		lot 9 con 2 ON	NE/225.0	2.23	<u>15</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2014 has found that there are 5 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	ON	205.9	<u>6</u>
	ON	214.3	<u>7</u>
	ON	226.3	<u>8</u>
	ON	236.5	<u>9</u>
	ON	217.8	<u>10</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
2096553 Ontario Inc.	6695 Second Line Mississauga ON	186.1	<u>4</u>

EHS - ERIS Historical Searches

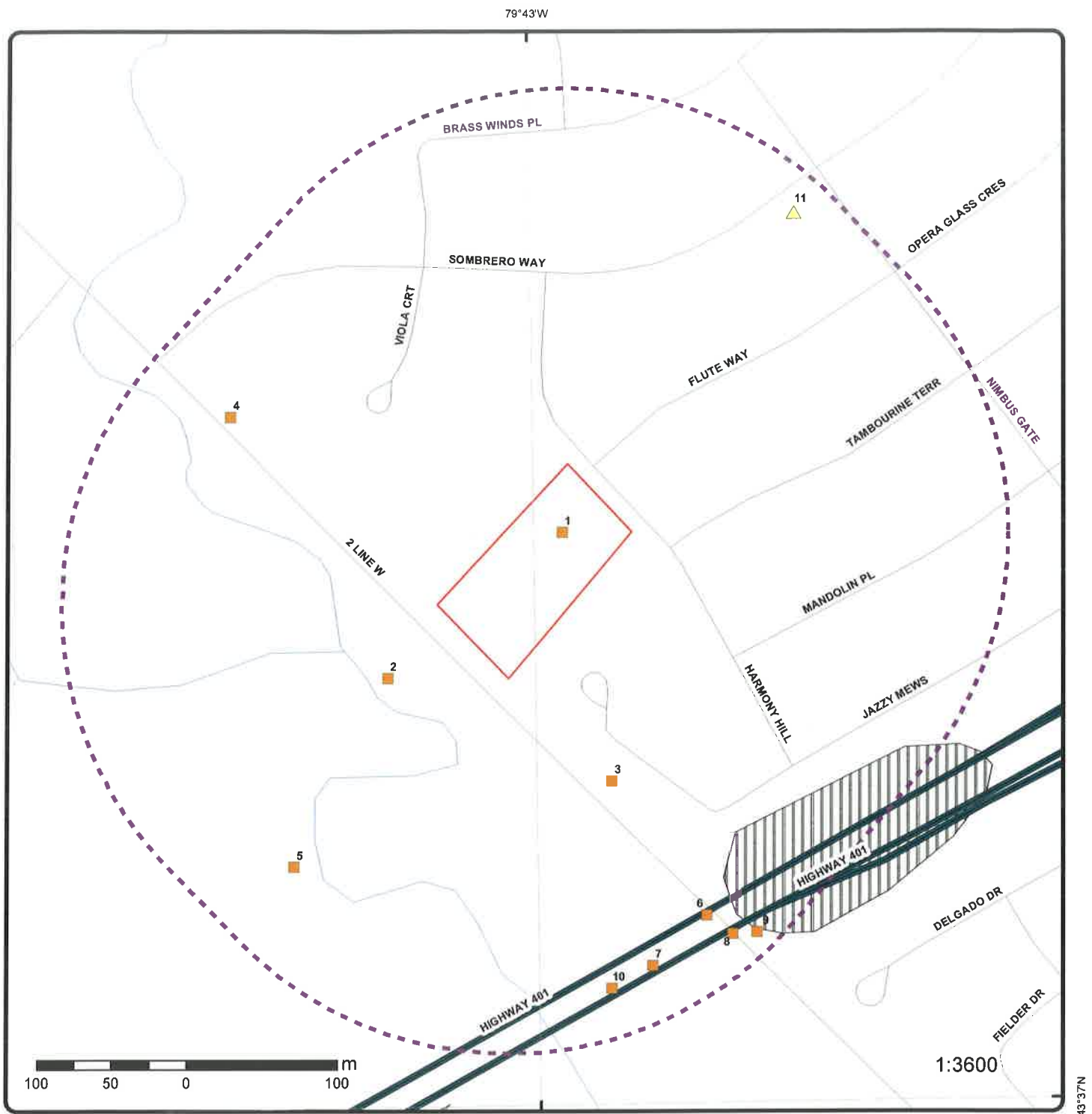
A search of the EHS database, dated 1999-Aug 2014 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	Second Line West Mississauga ON	96.7	<u>3</u>

WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	lot 9 con 2 ON	0.0	<u>1</u>
	lot 9 con 3 ON	57.7	<u>2</u>
	lot 9 con 3 ON	190.0	<u>5</u>
	lot 9 con 2 ON	225.0	<u>11</u>



Map

Order No: 20151221032

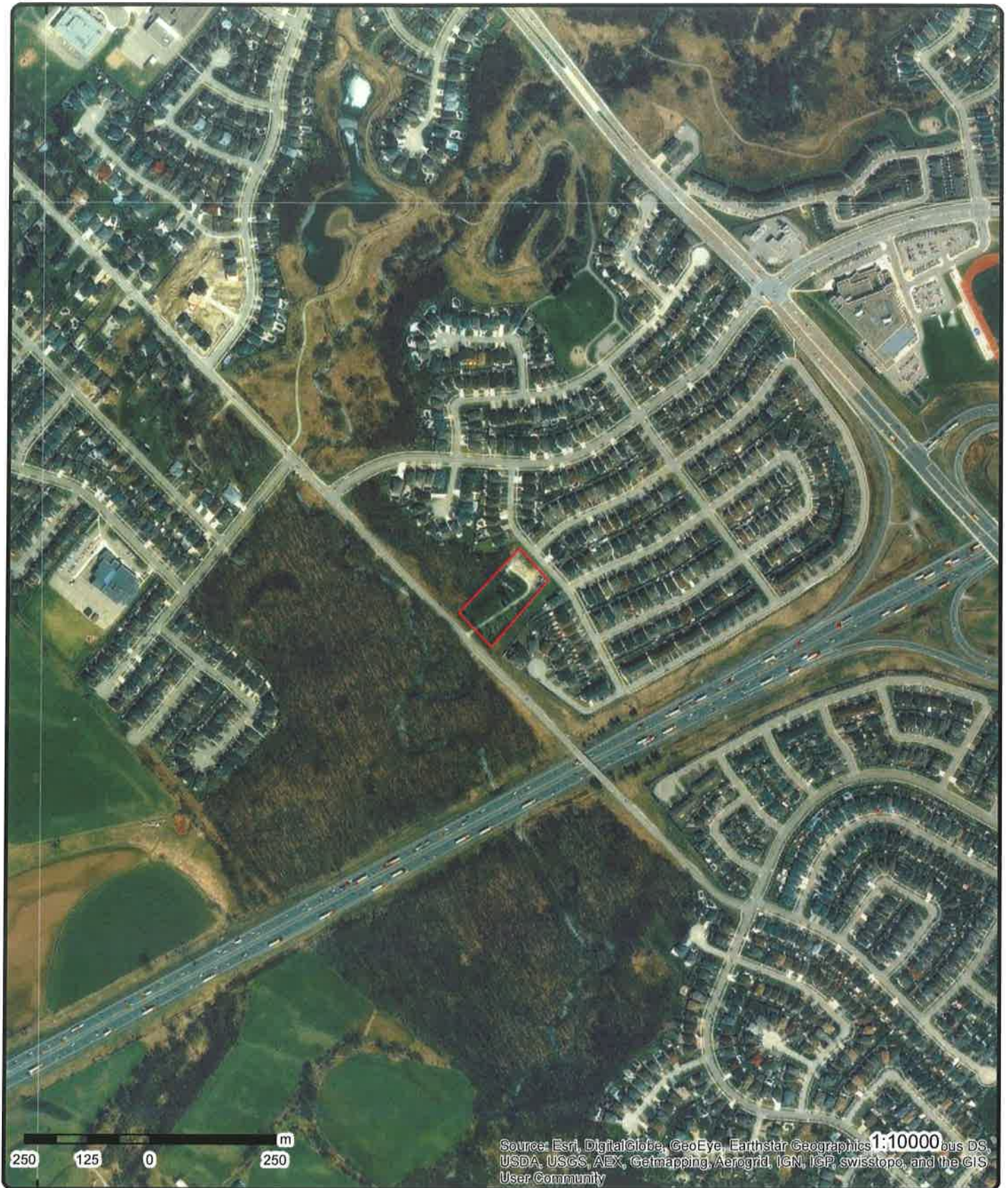
Address: 6611 Harmony Hill, Mississauga, ON

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

79°43'30"W

43°37'30"N

43°37'30"N



250 125 0 250 m

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, 1:10000 plus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Aerial

Order No: 20151221032

Address: 6611 Harmony Hill, Mississauga, ON

Source: ESRI World Imagery, Updated October 2014

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Detail Report

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<u>1</u>	1 of 1	-/0.0	166.8	lot 9 con 2 ON	WWIS
Well ID:	4902549			Lot:	009
Concession:	02			Concession Name:	HS W
County:	PEEL			Municipality:	MISSISSAUGA CITY
Easting Nad83:	603560.6			Northing Nad83:	4830480
Zone:	17			Utm Reliability:	unknown UTM
Primary Water Use:	Domestic			Construction Date:	23-OCT-56
Sec. Water Use:				Well Depth:	21 ft
Pump Rate:				Static Water Level:	16 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Boring			Flowing (y/n):	N
Elevation (m):	175.82			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	4 ft			Original Depth:	4 ft
Material Colour:				Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	9 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	6 ft			Original Depth:	15 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	2 ft			Original Depth:	17 ft
Material Colour:				Material:	MEDIUM SAND, GRAVEL
+					
Thickness:	4 ft			Original Depth:	21 ft
Material Colour:	GREY			Material:	CLAY
<u>2</u>	1 of 1	SW/57.7	166.8	lot 9 con 3 ON	WWIS
Well ID:	4905542			Lot:	009
Concession:	03			Concession Name:	HS W
County:	PEEL			Municipality:	MISSISSAUGA CITY
Easting Nad83:	603444.6			Northing Nad83:	4830383
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	25-OCT-78
Sec. Water Use:				Well Depth:	87 ft
Pump Rate:	10 GPM			Static Water Level:	8 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	164.83			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	Not stated			Casing Material:	FRESH

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
Thickness:	36 ft			Original Depth:	36 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	42 ft			Original Depth:	78 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	9 ft			Original Depth:	87 ft
Material Colour:	GREY			Material:	GRAVEL
<u>3</u>	1 of 1	SSE/96.7	166.8	Second Line West Mississauga ON	EHS
Order No.:		20140618033			
Report Date:		25-JUN-14			
Report Type:		Custom Report			
Search Radius (km):		.25			
Addit. Info Ordered:		Fire Insur. Maps and/or Site Plans; Aerial Photos			
<u>4</u>	1 of 1	WNW/186.1	166.8	2096553 Ontario Inc. 6695 Second Line Mississauga ON	CA
Certificate #:		5775-7V9GQF			
Application Year:		2009			
Issue Date:		8/26/2009			
Approval Type:		Municipal and Private Sewage Works			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>5</u>	1 of 1	SW/190.0	166.8	lot 9 con 3 ON	WWIS
Well ID:		4905824		Lot: 009	
Concession:		03		Concession Name: HS W	
County:		PEEL		Municipality: MISSISSAUGA CITY	
Easting Nad83:		603382.6		Northing Nad83: 4830257	
Zone:		17		Utm Reliability: margin of error : 30 m - 100 m	
Primary Water Use:		Domestic		Construction Date: 01-AUG-81	
Sec. Water Use:				Well Depth: 78 ft	
Pump Rate:		12 GPM		Static Water Level: 8 ft	
Flow Rate:				Clear/Cloudy: CLEAR	
Specific Capacity:				Final Well Status: Water Supply	
Construction Method:		Cable Tool		Flowing (y/n): N	
Elevation (m):		165.7		Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock: Overburden	
Water Type:		FRESH		Casing Material: FRESH	

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
--- Details ---					
Thickness:	16 ft			Original Depth:	16 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	60 ft			Original Depth:	76 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	2 ft			Original Depth:	78 ft
Material Colour:	GREY			Material:	GRAVEL
<u>6</u>	1 of 1	SSE/205.9	166.8	ON	BORE
Borehole ID:	853205			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Hollow stem auger			UTM Zone:	17
Easting:	603657			Northing:	4830225
Location Accuracy:				Orig. Ground Elev m:	173
Elev. Reliability Note:				DEM Ground Elev m:	175
Total Depth m:	13.6			Primary Name:	
Township:	TORONTO			Concession:	
Lot:				Municipality:	
Completion Date:	28-MAY-1957			Static Water Level:	2.1
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218624654			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Topsoil
+					
Stratum ID:	218624655			Top Depth(m):	0.2
Bottom Depth(m):	4.7			Stratum Desc:	Brown clay till
+					
Stratum ID:	218624656			Top Depth(m):	4.7
Bottom Depth(m):	13.6			Stratum Desc:	Grey clay till
<u>7</u>	1 of 1	SSE/214.3	166.8	ON	BORE
Borehole ID:	853209			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Hollow stem auger			UTM Zone:	17
Easting:	603621			Northing:	4830191
Location Accuracy:				Orig. Ground Elev m:	165
Elev. Reliability Note:				DEM Ground Elev m:	168
Total Depth m:	6.1			Primary Name:	
Township:	TORONTO			Concession:	CON 3 WEST OF CENTRE ROAD OR HURONTARIO STREET
Lot:	LOT 8			Municipality:	
Completion Date:	06-JUN-1957			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218624665			Top Depth(m):	0.0
Bottom Depth(m):	3.0			Stratum Desc:	Brown clay till (fairly soft)

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<hr/>					
+					
Stratum ID:	218624666			Top Depth(m):	3.0
Bottom Depth(m):	4.9			Stratum Desc:	Grey clay till (soft)
+					
Stratum ID:	218624667			Top Depth(m):	4.9
Bottom Depth(m):	6.1			Stratum Desc:	Grey sandy loam till (hard)
<hr/>					
<u>8</u>	1 of 1	SSE/226.3	166.8	ON	BORE
Borehole ID:	853206			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Hollow stem auger			UTM Zone:	17
Easting:	603674			Northing:	4830212
Location Accuracy:				Orig. Ground Elev m:	173
Elev. Reliability Note:				DEM Ground Elev m:	174
Total Depth m:	3.5			Primary Name:	
Township:	TORONTO			Concession:	
Lot:				Municipality:	
Completion Date:	31-MAY-1957			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218624657			Top Depth(m):	0.0
Bottom Depth(m):	1.8			Stratum Desc:	Gravel till and organic loam
+					
Stratum ID:	218624658			Top Depth(m):	1.8
Bottom Depth(m):	3.5			Stratum Desc:	Brown clay till
<hr/>					
<u>9</u>	1 of 1	SSE/236.5	166.8	ON	BORE
Borehole ID:	853207			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Hollow stem auger			UTM Zone:	17
Easting:	603690			Northing:	4830214
Location Accuracy:				Orig. Ground Elev m:	174
Elev. Reliability Note:				DEM Ground Elev m:	172
Total Depth m:	10.5			Primary Name:	
Township:	TORONTO			Concession:	CON 2 WEST OF CENTRE ROAD OR HURONTARIO STREET
Lot:	LOT 8			Municipality:	
Completion Date:	05-JUN-1957			Static Water Level:	2.6
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218624659			Top Depth(m):	0.0
Bottom Depth(m):	0.2			Stratum Desc:	Topsoil
+					
Stratum ID:	218624660			Top Depth(m):	0.2
Bottom Depth(m):	3.2			Stratum Desc:	Brown clay till
+					
Stratum ID:	218624661			Top Depth(m):	3.2
Bottom Depth(m):	10.5			Stratum Desc:	Grey clay till

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
<u>10</u>	1 of 1	S/217.8	166.8	ON	BORE
Borehole ID:	853208			Type:	Borehole
Use:	Geotechnical/Geological Investigation			Status:	Decommissioned
Drill Method:	Hollow stem auger			UTM Zone:	17
Easting:	603594			Northing:	4830176
Location Accuracy:				Orig. Ground Elev m:	164
Elev. Reliability Note:				DEM Ground Elev m:	168
Total Depth m:	6.4			Primary Name:	
Township:	TORONTO			Concession:	CON 3 WEST OF CENTRE ROAD OR HURONTARIO STREET
Lot:	LOT 8			Municipality:	
Completion Date:	05-JUN-1957			Static Water Level:	-999.9
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:	218624662			Top Depth(m):	0.0
Bottom Depth(m):	3.0			Stratum Desc:	Brown clay till (moist and slightly soft)
+					
Stratum ID:	218624663			Top Depth(m):	3.0
Bottom Depth(m):	4.6			Stratum Desc:	Grey clay till (wet and soft)
+					
Stratum ID:	218624664			Top Depth(m):	4.6
Bottom Depth(m):	6.4			Stratum Desc:	Grey sandy loam till (Dry and stiff)
<u>11</u>	1 of 1	NE/225.0	169.1	lot 9 con 2 ON	WWIS
Well ID:	4902550			Lot:	009
Concession:	02			Concession Name:	HS W
County:	PEEL			Municipality:	MISSISSAUGA CITY
Easting Nad83:	603714.6			Northing Nad83:	4830693
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Livestock			Construction Date:	28-JAN-59
Sec. Water Use:	Domestic			Well Depth:	141 ft
Pump Rate:	2 GPM			Static Water Level:	41 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	178.9			Elevation Reliability:	
Depth to Bedrock:	130			Overburden/Bedrock:	Bedrock
Water Type:	FRESH			Casing Material:	FRESH, MINERIAL
--- Details ---					
Thickness:	60 ft			Original Depth:	60 ft
Material Colour:	BROWN			Material:	CLAY, GRAVEL
+					
Thickness:	65 ft			Original Depth:	125 ft
Material Colour:				Material:	QUICKSAND, STONES
+					
Thickness:	5 ft			Original Depth:	130 ft
Material Colour:				Material:	GRAVEL
+					
Thickness:	11 ft			Original Depth:	141 ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance m</i>	<i>Elevation m</i>	<i>Site</i>	<i>DB</i>
<i>Material Colour:</i>				<i>Material:</i>	SHALE

Unplottable Summary

Total: 53 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Pt. Lot 8, Con. 2	MISSISSAUGA ON	
CA	REG. MUN. OF PEEL	SECOND LINE W.	MISSISSAUGA ON	
CA	REG.MUN.OF PEEL	SECOND LINE W.	MISSISSAUGA ON	
CA	Arrowsmith Village- Phase 7 (21T-99014M)	Part of Lot 8, Concession 2, WHS	Mississauga ON	
CA	Arrowsmith Village- Phase 7 (21T-99014M)	Part of Lot 8, Concession 2, WHS	Mississauga ON	
CA		Part of Lot 9 and 10, Concession 2	Mississauga ON	
GEN	Brookfield Lepage Johnson Controls	HWY 401 Info Center	Mississauga ON	
GEN	PREMIER-MURPHY - A JOINT VENTURE 30-602	401 & EXIT 778, PT L 38 C. 6 TWP OF	MISSISSAUGA ON	
SPL	Waste Management of Canada Corporation	Sombrero Way<UNOFFICIAL>	Mississauga ON	
SPL		2nd Line, just south of Steeles	Mississauga ON	
SPL	SHELL CANADA PRODUCTS LTD.	2ND LINE WEST RR #6	MISSISSAUGA CITY ON	
SPL	TRANSPORT TRUCK	401 WEST, COLLECTORS, WEST OF RENFORTH	MISSISSAUGA CITY ON	
SPL	546037 Ontario Limited operated as RAM Lighting<UNOFFICIAL>	401 WESTBOUND COLLECTORS EAST OF DIXIE LEFT HAND LANE<UNOFFICIAL>	Mississauga ON	
SPL	Wilson Logistics<UNOFFICIAL>	EASTBOUND 401 EXPRESS, WEST OF DIXIE<UNOFFICIAL>	Mississauga ON	
SPL		East Express Right Shoulder401(marker 343)<UNOFFICIAL>	Mississauga ON	
SPL	ASHLAND CHEMICALS	HWY 401	MISSISSAUGA CITY ON	
SPL	TRANSPORT TRUCK	HWY 401 BETWEEN WINSTON CHURCHILL AND MISSISSAUGA ROAD,EASTBOUND LANES.	MISSISSAUGA CITY ON	

SPL		HWY 401 EASTBOUND BETWEEN WINSTON CHURCHILL AND ERIN MILLS PKWY<UNOFFICIAL>	Mississauga ON
SPL	Falcon Motor Xpress<UNOFFICIAL>	Hwy 401 West Bound, just East of Dixie Rd.	Mississauga ON
SPL		Hwy 401 EB just west of Mavis	Mississauga ON
SPL	Unknown<UNOFFICIAL>	Highway 401 Eastbound, asphalt curb shoulder lane, approximately 1 km west of	Mississauga ON
SPL	Ontario Provincial Police	Hwy 401<UNOFFICIAL>	Mississauga ON
SPL		Hwy 401, just east of Mississauga Rd.	Mississauga ON
SPL		Hwy 401 westbound just west of Dixie	Mississauga ON
SPL		Hwy 401 between Trafalgar Road and Regional Road 25	Mississauga ON
SPL	CB Logistics Ltd<UNOFFICIAL>	Hwy 401 Westbound by Kennedy Rd.	Mississauga ON
SPL		Hwy 401 Westbound and Hurontario	Mississauga ON
SPL		Hwy 401 Ebound, W of Hwy Mississauga Rd.	Mississauga ON
SPL		HWY 401 eastbound, east of Hurontario	Mississauga ON
SPL	Sharp Transport<UNOFFICIAL>	HWY 401 Express EB, West of Dixie Road	Mississauga ON
SPL		401E between Mavis and Hurontario	Mississauga ON
SPL		401 WB, just east of Hurontario St	Mississauga ON
SPL		401 Westbound 1km east of Winston Churchill<UNOFFICIAL>	Mississauga ON
SPL	TRANSPORT TRUCK	401 WESTBOUND,E OF JAMES SNOW PKWY.	MISSISSAUGA CITY ON
SPL		Hwy 401 E<UNOFFICIAL>	Mississauga ON
SPL	PRIVATE OWNER	HWY 401 EASTBOUND, EAST OF HWY 10	MISSISSAUGA CITY ON
SPL	TRANSPORT TRUCK	HWY 401 EASTBOUND ON SOUTH SIDE SHOULDER JUST EAST OF HWY 10	MISSISSAUGA CITY ON
SPL	TRANSPORT TRUCK	HWY 401 EASTBOUND ON SOUTH SIDE SHOULDER JUST EAST OF MISSISSAUGA RD.	MISSISSAUGA CITY ON

SPL	TRANSPORT TRUCK	HWY 401 EASTBOUND JUST EAST OF MISSISSAUGA ROAD.	MISSISSAUGA CITY ON
SPL	PUROLATOR COURIER LTD.	COLLECTORS 401 EAST JUST EAST OF DIXIE RD	MISSISSAUGA CITY ON
SPL			Mississauga ON
SPL	Manitoulin Transport Inc. (New Liskeard)	Winston Churchill on-ramp to the 401 eastbound lanes.	Mississauga ON
SPL		WESTBOUND LANES OF HIGHWAY 401 JUST EAST OF HURONTARIO, HIGHWAY 10<UNOFFICIAL>	Mississauga ON
SPL	PRIVATE OWNER	W/B 401, CENTRE CORE, RIGHT SHOULDER CATCH BASIN	MISSISSAUGA CITY ON
SPL		Hwy. 401, east-bound collector lane just west of Dixie Rd. <UNOFFICIAL>	Mississauga ON
SPL	The Wagon Shop Ltd	Highway 401 @ Winston Churchill	Mississauga ON
SPL	PRIVATE OWNER	HWY. #401 WESTBOUND BY THE UNDERPASS JUST WEST OF MISSISSAUGA ROAD	MISSISSAUGA CITY ON
SPL		HWY 401 WESTBOUND COLLECTOR JUST WEST OF DIXIE ROAD.<UNOFFICIAL>	Mississauga ON
SPL	TRANSPORT TRUCK	HWY 401 W/B CENTER CORE JUST WEST OF RENFORTH	MISSISSAUGA CITY ON
SPL	MACKIE TRANSPORT	HWY 401 EASTBOUND JUST EAST OF MISSISSAUGA ROAD.	MISSISSAUGA CITY ON
SPL	TRANSPORT TRUCK	HWY 401 EASTBOUND CORE LANES RIGHT SIDE WEST OF DIXIE RD, EAST OF RENFORTH RD	MISSISSAUGA CITY ON
WWIS			ON
WWIS			ON

Unplottable Report

Site:**Pt. Lot 8, Con. 2 MISSISSAUGA ON****Database:****CA**

Certificate #: 2631-4ETLBN
Application Year: 99
Issue Date: 12/22/99
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 745019 Ontario Inc.
Client Address: 1080 Fewster Dr.
Client City: MISSISSAUGA
Client Postal Code: L4W 2T2
Project Description: Storm & Sanitary Sewers
Contaminants:
Emission Control:

Site: REG. MUN. OF PEEL**SECOND LINE W. MISSISSAUGA ON****Database:****CA**

Certificate #: 3-0593-85-006
Application Year: 85
Issue Date: 6/14/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: REG. MUN. OF PEEL**SECOND LINE W. MISSISSAUGA ON****Database:****CA**

Certificate #: 3-1183-85-006
Application Year: 85
Issue Date: 10/22/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Arrowsmith Village- Phase 7 (21T-99014M)**
Part of Lot 8, Concession 2, WHS Mississauga ON

Database:
CA

Certificate #: 5120-4TWSJT
Application Year: 01
Issue Date: 2/16/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: 968908 Ontario Inc.
Client Address: 100 Strada Dr., Woodbridge
Client City: VAUGHAN
Client Postal Code: L4L 5V7
Project Description: Watermains to be constructed on Fable Crescent and Opera Glass Crescent.
Contaminants:
Emission Control:

Site: **Arrowsmith Village- Phase 7 (21T-99014M)**
Part of Lot 8, Concession 2, WHS Mississauga ON

Database:
CA

Certificate #: 5744-4TWRTH
Application Year: 01
Issue Date: 2/16/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 968908 Ontario Inc.
Client Address: 100 Strada Dr., Woodbridge
Client City: VAUGHAN
Client Postal Code: L4L 5V7
Project Description: Storm and Sanitary Sewers to be constructed on Fable Crescent and Opera Glass Crescent
Contaminants:
Emission Control:

Site:
Part of Lot 9 and 10, Concession 2 Mississauga ON

Database:
CA

Certificate #: 0200-4QQLCB
Application Year: 00
Issue Date: 11/6/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 919848 Ontario Inc
Client Address: 46 Ashbridge Circle
Client City: Woodbridge
Client Postal Code: L4L 3R5
Project Description: Construction of Storm and Sanitary sewers in the City of Mississauga
Contaminants:
Emission Control:

Site: **Brookfield Lepage Johnson Controls**
HWY 401 Info Center Mississauga ON

Database:
GEN

Generator #: ON4812388
Approval Yrs: 04
SIC Code:

SIC Description:

Site: PREMIER-MURPHY - A JOINT VENTURE 30-602
401 & EXIT 778, PT L 38 C. 6 TWP OF MISSISSAUGA ON

Database:
GEN

Generator #: ON1169902
Approval Yrs: 92,93,94,95,96,97,98
SIC Code: 4113
SIC Description: GAS & OIL PIPELINES

--- Details ---

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: Waste Management of Canada Corporation
Sombrero Way<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No.: 8775-6CBQ6S
Incident Dt: 5/12/2005
MOE Reported Dt: 5/12/2005
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity:
Incident Summary: Waste Management: 10 - 15 L hydraulic oil to road
Incident Cause: Pipe Or Hose Leak
Incident Reason: Material Failure - Poor design or substandard materials
Nature of Impact: Soil Contamination
Receiving Medium: Land
Environmental Impact: Possible

Site: 2nd Line, just south of Steeles Mississauga ON

Database:
SPL

Ref No.: 4183-5M7QXB
Incident Dt: 5/3/2003
MOE Reported Dt: 5/3/2003
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Quantity: 80 L
Incident Summary: pipe leak-sewage water to driveway.cleaning.
Incident Cause:
Incident Reason:
Nature of Impact: Human Health/Safety
Receiving Medium: Land
Environmental Impact: Possible

Site: SHELL CANADA PRODUCTS LTD.
2ND LINE WEST RR #6 MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 13526
Incident Dt: 1/7/1989
MOE Reported Dt: 1/7/1989
Contaminant Name:
Contaminant Quantity:
Incident Summary: HOME HEATING DEALER
Incident Cause: WASTEWATER DISCHARGE TO WATERCOURSE
Incident Reason: NEGLIGENCE (APPARENT)
Nature of Impact:
Receiving Medium: LAND

Site: **TRANSPORT TRUCK**
401 WEST, COLLECTORS, WEST OF RENFORTH MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 213214
Incident Dt: 10/5/2001
MOE Reported Dt: 10/5/2001
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT:JACKKNIFE 401 DIESEL TO SEWER, MTO OPP FD, WORKS ON SITE
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Reason: ERROR
Nature of Impact: Water course or lake
Receiving Medium: Land
Environmental Impact: Possible

Site: **546037 Ontario Limited operated as RAM Lighting<UNOFFICIAL>**
401 WESTBOUND COLLECTORS EAST OF DIXIE LEFT HAND LANE<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No.: 6216-5SZSPC
Incident Dt: 11/5/2003
MOE Reported Dt: 11/5/2003
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 91 L
Incident Summary: 401 Westbound @ Dixie - diesel to storm sewer
Incident Cause: Other Discharges
Incident Reason: Unknown - Reason not determined
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Environmental Impact: Possible

Site: **Wilson Logistics<UNOFFICIAL>**
EASTBOUND 401 EXPRESS, WEST OF DIXIE<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No.: 3176-67XTAK
Incident Dt: 12/23/2004
MOE Reported Dt: 12/23/2004
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 100 L
Incident Summary: Wilson Logistics, 100L diesel at 401 w. of Dixie
Incident Cause: Other Transport Accident
Incident Reason: Equipment/Vehicles
Nature of Impact: Other Impact(s)
Receiving Medium: Land
Environmental Impact: Not Anticipated

Site: **East Express Right Shoulder401(marker 343)<UNOFFICIAL> Mississauga ON**

Database:
SPL

Ref No.: 5250-6JXB3M
Incident Dt: 12/9/2005
MOE Reported Dt: 12/10/2005
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Summary: EGR: Original Doc-0510-6JWEM4

Incident Cause:
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium: Land
Environmental Impact: Possible

Site: ASHLAND CHEMICALS
HWY 401 MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 20358
Incident Dt: 6/1/1989
MOE Reported Dt: 6/5/1989
Contaminant Name:
Contaminant Quantity:
Incident Summary: BACKENTRY - ASHLAND CHEM METHYLETHYL CHLORIDE FROM RUPTURED DRUM (AMT U/K)
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: OTHER
Nature of Impact:
Receiving Medium: AIR
Environmental Impact: NOT ANTICIPATED

Site: TRANSPORT TRUCK
HWY 401 BETWEEN WINSTON CHURCHILL AND MISSISSAUGA ROAD, EASTBOUND LANES.
MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 95183
Incident Dt: 1/10/1994
MOE Reported Dt: 1/10/1994
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK-136 L DIESEL FUEL TO HIGHWAY, FD, OPP AND MTO ONSITE.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: HWY 401 EASTBOUND BETWEEN WINSTON CHURCHILL AND ERIN MILLS PKWY<UNOFFICIAL>
Mississauga ON

Database:
SPL

Ref No.: 7603-5ZUK7Q
Incident Dt: 6/11/2004
MOE Reported Dt: 6/11/2004
Contaminant Name: DIESEL FUEL
Contaminant Quantity: other - see incident description
Incident Summary: Canam Steel, 30 L auto fluid to Hwy, clng, Peel
Incident Cause: Other Transport Accident
Incident Reason:
Nature of Impact:
Receiving Medium: Land
Environmental Impact: Possible

Site: Falcon Motor Xpress<UNOFFICIAL>
Hwy 401 West Bound, just East of Dixie Rd. Mississauga ON

Database:
SPL

Ref No.: 3018-923LW9
Incident Dt: 15-NOV-12
MOE Reported Dt: 15-NOV-12
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 100 L
Incident Summary: Falcon Motor Xpress TT 100 L dsl spill to hwy / storm, cntnd
Incident Cause: Leak/Break
Incident Reason: Road Conditions
Nature of Impact: Other Impact(s); Surface Water Pollution
Receiving Medium:
Environmental Impact: Confirmed

Site: **Hwy 401 EB just west of Mavis Mississauga ON**

Database:
SPL

Ref No.: 8016-9XTGTR
Incident Dt: 6/25/2015
MOE Reported Dt: 6/25/2015
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 227 L
Incident Summary: Danfreight Sys Inc: 227 L dsl to ground, responding
Incident Cause: Collision/Accident
Incident Reason: Operator/Human Error
Nature of Impact: Land
Receiving Medium:
Environmental Impact:

Site: **Unknown<UNOFFICIAL>
Highway 401 Eastbound, asphalt curb shoulder lane, approximately 1 km west of Mississauga ON**

Database:
SPL

Ref No.: 0638-9K5HCU
Incident Dt: 2014/05/15
MOE Reported Dt: 2014/05/15
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 0 other - see incident description
Incident Summary: Diesel spilled to highway, cleanup ongoing
Incident Cause: Leak/Break
Incident Reason: Equipment Failure
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Confirmed

Site: **Ontario Provincial Police
Hwy 401<UNOFFICIAL> Mississauga ON**

Database:
SPL

Ref No.: 1808-83P9UJ
Incident Dt:
MOE Reported Dt: 3/19/2010
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 70 L
Incident Summary: Jackknifed TT on hwy 401 E near the 403, diesel to culvert
Incident Cause: Other Transport Accident
Incident Reason: Spill
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Confirmed

Site:**Hwy 401, just east of Mississauga Rd. Mississauga ON****Database:
SPL**

Ref No.: 7251-5P5LVE
Incident Dt: 7/4/2003
MOE Reported Dt: 7/4/2003
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 80 L
Incident Summary: 20 gal to Hwy 401/Mississauga Rd.
Incident Cause:
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium: Land
Environmental Impact: Possible

Site:**Hwy 401 westbound just west of Dixie Mississauga ON****Database:
SPL**

Ref No.: 8713-6XUVC4
Incident Dt:
MOE Reported Dt: 1/27/2007
Contaminant Name: DIESEL FUEL AND WATER MIXTURE
Contaminant Quantity: 50 L
Incident Summary: O.K. Transportation: 50 L diesel + water to closed CB
Incident Cause: Other Transport Accident
Incident Reason: Unknown - Reason not determined
Nature of Impact: Other Impact(s)
Receiving Medium: Water
Environmental Impact: Possible

Site:**Hwy 401 between Trafalgar Road and Regional Road 25 Mississauga ON****Database:
SPL**

Ref No.: 8562-8QNKKY
Incident Dt: 16-JAN-12
MOE Reported Dt: 19-JAN-12
Contaminant Name: PROPANE VAPOUR
Contaminant Quantity:
Incident Summary: TSSA FSB: Propane Tank Overfill, Propane to Atm
Incident Cause: Discharge or Emission to Air
Incident Reason: Negligence (Apparent) - Caused by lack of diligence
Nature of Impact: Air Pollution
Receiving Medium: Sewage - Municipal/Private and Commercial
Environmental Impact: Confirmed

Site: CB Logistics Ltd<UNOFFICIAL>**Hwy 401 Westbound by Kennedy Rd. Mississauga ON****Database:
SPL**

Ref No.: 3563-99AJRZ
Incident Dt: 2013/07/04
MOE Reported Dt: 2013/07/04
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 200 L
Incident Summary: TT: 401 and Kennedy. 200 L diesel/100 L hydrlic oil to ditch
Incident Cause: Collision/Accident
Incident Reason: Operator/Human Error
Nature of Impact: Soil Contamination

Receiving Medium:
Environmental Impact: Confirmed

Site: Hwy 401 Westbound and Hurontario Mississauga ON

Database:
SPL

Ref No.: 0080-8JTTAG
Incident Dt: 7/16/2011
MOE Reported Dt: 7/16/2011
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 225 L
Incident Summary: Tractor trailer, 225 L diesel to gravel ditch
Incident Cause: Other Discharges
Incident Reason: Equipment/Vehicles
Nature of Impact: Other Impact(s); Soil Contamination
Receiving Medium:
Environmental Impact: Not Anticipated

Site: Hwy 401 Ebound, W of Hwy Mississauga Rd. Mississauga ON

Database:
SPL

Ref No.: 8675-7QNJQ5
Incident Dt:
MOE Reported Dt: 3/31/2009
Contaminant Name: MILK PRODUCT
Contaminant Quantity: 22 L
Incident Summary: TT: 5 gallons milk to hwy lanes, cleaned
Incident Cause: Other Transport Accident
Incident Reason: Other - Reason not otherwise defined
Nature of Impact: Other Impact(s)
Receiving Medium:
Environmental Impact: Not Anticipated

Site: HWY 401 eastbound, east of Hurontario Mississauga ON

Database:
SPL

Ref No.: 2280-5SV8QA
Incident Dt: 11/1/2003
MOE Reported Dt: 11/1/2003
Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Summary: MVA, transport truck diesel to HWY401 and ditch.
Incident Cause:
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium: Land
Environmental Impact: Possible

Site: Sharp Transport<UNOFFICIAL>
HWY 401 Express EB, West of Dixie Road Mississauga ON

Database:
SPL

Ref No.: 4578-86FK7E
Incident Dt:
MOE Reported Dt: 6/15/2010
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 300 L

Incident Summary: MVA: diesel to HWY 401 west of Dixie Rd
Incident Cause:
Incident Reason:
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Confirmed

Site: 401E between Mavis and Hurontario Mississauga ON

Database:
SPL

Ref No.: 2825-8659FK
Incident Dt:
MOE Reported Dt: 6/5/2010
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 500 L
Incident Summary: MVA: 401E/Mavis Rd, diesel to highway.
Incident Cause:
Incident Reason:
Nature of Impact:
Receiving Medium:
Environmental Impact:

Site: 401 WB, just east of Hurontario St Mississauga ON

Database:
SPL

Ref No.: 2005-8EWDY3
Incident Dt: 3/13/2011
MOE Reported Dt: 3/13/2011
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 130 L
Incident Summary: Hwy 401WB: TT accident, 120L diesel to rd & CB
Incident Cause:
Incident Reason:
Nature of Impact: Other Impact(s)
Receiving Medium:
Environmental Impact: Not Anticipated

Site: 401 Westbound 1km east of Winston Churchill<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No.: 8157-7HLBK9
Incident Dt:
MOE Reported Dt: 8/17/2008
Contaminant Name: Radiator Fluid
Contaminant Quantity: other - see incident description
Incident Summary: Dump Truck: Radiator fluid to grd, qty unknown, cont.
Incident Cause: Other Transport Accident
Incident Reason: Error- Operator error
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Not Anticipated

Site: TRANSPORT TRUCK
401 WESTBOUND,E OF JAMES SNOW PKWY. MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 105464

Incident Dt: 9/21/1994
MOE Reported Dt: 9/21/1994
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK-UKN QTY DIESEL FUEL TO SHOULDER, BURNED IN FIRE,MTO,FD.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact: Soil contamination
Receiving Medium: LAND / WATER
Environmental Impact: CONFIRMED

Site: Hwy 401 E<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No.: 8230-7DPMZC
Incident Dt:
MOE Reported Dt: 4/14/2008
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 85 L
Incident Summary: Hwy 401 E- Transport truck/100L dsl to grd
Incident Cause: Other Transport Accident
Incident Reason: Unknown - Reason not determined
Nature of Impact: Human Health/Safety; Other Impact(s); Soil Contamination
Receiving Medium:
Environmental Impact: Confirmed

Site: PRIVATE OWNER
HWY 401 EASTBOUND, EAST OF HWY 10 MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 239524
Incident Dt: 9/15/2002
MOE Reported Dt: 9/15/2002
Contaminant Name:
Contaminant Quantity:
Incident Summary: HWY 401 EASTBOUND, CAR HAS LOST FUEL TANK ON SIDE OF ROAD
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: EQUIPMENT FAILURE
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: TRANSPORT TRUCK
HWY 401 EASTBOUND ON SOUTH SIDE SHOULDER JUST EAST OF HWY 10 MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 99813
Incident Dt: 5/12/1994
MOE Reported Dt: 5/12/1994
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK- 450 L DIESEL TO ROAD, F.D.,MTO ON SCENE, CONTAINED
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: CONFIRMED

Site: **TRANSPORT TRUCK**
HWY 401 EASTBOUND ON SOUTH SIDE **SHOULDER JUST EAST OF MISSISSAUGA RD.**
MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 127090
Incident Dt: 5/29/1996
MOE Reported Dt: 5/29/1996
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK: 180 L DIESEL TO ROAD, F.D., MTO ON SCENE, CONTAINED,
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: **TRANSPORT TRUCK**
HWY 401 EASTBOUND JUST EAST OF **MISSISSAUGA ROAD. MISSISSAUGA CITY ON**

Database:
SPL

Ref No.: 147446
Incident Dt: 10/5/1997
MOE Reported Dt: 10/5/1997
Contaminant Name:
Contaminant Quantity:
Incident Summary: CATEAU C.Q. TRANSPORT - 100 L DIESEL FUEL TO C/B AND MEDIAN. OPP, FD, MTO.
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Reason: UNKNOWN
Nature of Impact: Water course or lake
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: **PUROLATOR COURIER LTD.**
COLLECTORS 401 EAST JUST EAST OF DIXIE RD MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 243515
Incident Dt: 10/29/2002
MOE Reported Dt: 10/29/2002
Contaminant Name:
Contaminant Quantity:
Incident Summary: PUROLATOR COURIER LTD. 20 L DSL TO GRND 1 L TO STORM SEWER, CLEANING
UP
Incident Cause: UNKNOWN
Incident Reason: UNKNOWN
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND, WATER
Environmental Impact: POSSIBLE

Site:
Mississauga ON

Database:
SPL

Ref No.: 6828-6RPGBA
Incident Dt: 7/14/2006
MOE Reported Dt: 7/14/2006
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 90 L
Incident Summary: Hwy 401 westbound, E of Dixie, TT fire and diesel to CBs
Incident Cause:
Incident Reason:

Nature of Impact: Surface Water Pollution
Receiving Medium: Water
Environmental Impact: Confirmed

Site: **Manitoulin Transport Inc. (New Liskeard)**
Winston Churchill on-ramp to the 401 eastbound lanes. Mississauga ON

Database:
SPL

Ref No.: 6577-6R8BYS
Incident Dt: 6/29/2006
MOE Reported Dt: 6/29/2006
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 500 L
Incident Summary: MVA: Manitoulin Trnsprt, diesel / dangerous goods(Class 8)
Incident Cause: Other Transport Accident
Incident Reason: Equipment/Vehicles
Nature of Impact: Soil Contamination; Vegetation Damage
Receiving Medium: Land
Environmental Impact: Confirmed

Site: **WESTBOUND LANES OF HIGHWAY 401 JUST EAST OF HURONTARIO, HIGHWAY 10<UNOFFICIAL>**
Mississauga ON

Database:
SPL

Ref No.: 8621-667JXJ
Incident Dt: 10/28/2004
MOE Reported Dt: 10/28/2004
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 150 L
Incident Summary: Hwy 401 Mississauga: 100 L of dsl to storm sewer.
Incident Cause: Other Transport Accident
Incident Reason: Other - Reason not otherwise defined
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
Environmental Impact: Possible

Site: **PRIVATE OWNER**
W/B 401, CENTRE CORE, RIGHT SHOULDER CATCH BASIN MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 157981
Incident Dt: 7/15/1998
MOE Reported Dt: 7/15/1998
Contaminant Name:
Contaminant Quantity:
Incident Summary: PRIVATE OWNER-45 L GASO- LINE ONTO HWY,CAR ON FIREFOAM USED BY FD, MTO.
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Reason: FIRE/EXPLOSION
Nature of Impact: Water course or lake
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

Site: **Hwy. 401, east-bound collector lane just west of Dixie Rd. <UNOFFICIAL> Mississauga ON**

Database:
SPL

Ref No.: 6374-6EGU6A
Incident Dt: 7/20/2005
MOE Reported Dt: 7/20/2005

Contaminant Name: DIESEL FUEL
Contaminant Quantity:
Incident Summary: Transport truck (n.o.s.) - diesel fuel to Hwy. 401.
Incident Cause: Container Leak (Fuel Tank Barrels)
Incident Reason: Equipment Failure
Nature of Impact:
Receiving Medium: Land
Environmental Impact: Not Anticipated

Site: The Wagon Shop Ltd
Highway 401 @ Winston Churchill Mississauga ON

Database:
SPL

Ref No.: 5542-72BGSZ
Incident Dt:
MOE Reported Dt: 4/16/2007
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 400 L
Incident Summary: MVA: Hwy 401 west/Winston Churchill, 400L to ditch.
Incident Cause: Other Transport Accident
Incident Reason: Spill
Nature of Impact: Other Impact(s)
Receiving Medium: Land & Water
Environmental Impact: Confirmed

Site: PRIVATE OWNER
HWY. #401 WESTBOUND BY THE UNDERPASS JUST WEST OF MISSISSAUGA ROAD MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 24400
Incident Dt: 8/28/1989
MOE Reported Dt: 8/28/1989
Contaminant Name:
Contaminant Quantity:
Incident Summary: MISSISSAUGA FD- SPILL OF DIESEL TO DITCH, QTY NOT KNOWN, ON WESTBOUND #401
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Reason: OVERSTRESS/OVERPRESSURE
Nature of Impact:
Receiving Medium: LAND
Environmental Impact:

Site: HWY 401 WESTBOUND COLLECTOR JUST WEST OF DIXIE ROAD.<UNOFFICIAL> Mississauga ON

Database:
SPL

Ref No.: 0784-5HFA89
Incident Dt: 1/3/2003
MOE Reported Dt: 1/3/2003
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 50 L
Incident Summary: Transport Truck-50 L diesel to Roadway.
Incident Cause:
Incident Reason:
Nature of Impact:
Receiving Medium: Land
Environmental Impact:

Site: **TRANSPORT TRUCK**
HWY 401 W/B CENTER CORE JUST WEST OF RENFORTH MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 224169
Incident Dt: 4/18/2002
MOE Reported Dt: 4/18/2002
Contaminant Name:
Contaminant Quantity:
Incident Summary: PHILIP SERVICES -10-15 LITRES LIQUID WASTE 122H TO HWY 401, FD, OPP, PEEL
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact: Soil contamination
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

Site: **MACKIE TRANSPORT**
HWY 401 EASTBOUND JUST EAST OF MISSISSAUGA ROAD. MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 160261
Incident Dt: 9/18/1998
MOE Reported Dt: 9/19/1998
Contaminant Name:
Contaminant Quantity:
Incident Summary: MACKIE-400 L DIESEL TO HIGHWAY,CB'S DYKED BY FD,CLEANUP UNDERWAY,REGION.
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: ERROR
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND
Environmental Impact: POSSIBLE

Site: **TRANSPORT TRUCK**
HWY 401 EASTBOUND CORE LANES RIGHT SIDE WEST OF DIXIE RD, EAST OF RENFORTH RD
MISSISSAUGA CITY ON

Database:
SPL

Ref No.: 131315
Incident Dt: 9/3/1996
MOE Reported Dt: 9/3/1996
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK: 585L OF DIESEL FUEL TO HWY/STORM-SEWER: OPP, MTO, WORKS.
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Reason: ADVERSE ROAD CONDITION
Nature of Impact: Water course or lake
Receiving Medium: LAND / WATER
Environmental Impact: NOT ANTICIPATED

Site:
ON

Database:
WWIS

Well ID: 4909637
Concession: 02
County: PEEL
Easting Nad83:
Zone:
Lot: 008
Concession
Name:
Municipality: MISSISSAUGA CITY
Northing
Nad83:
Utm Reliability:

<i>Primary Water Use:</i>		<i>Construction Date:</i>	13-JAN-05
<i>Sec. Water Use:</i>		<i>Well Depth:</i>	
<i>Pump Rate:</i>		<i>Static Water Level:</i>	
<i>Flow Rate:</i>		<i>Clear/Cloudy:</i>	
<i>Specific Capacity:</i>		<i>Final Well Status:</i>	Observation Wells
<i>Construction Method:</i>	Boring	<i>Flowing (y/n):</i>	
<i>Elevation (m):</i>		<i>Elevation</i>	
<i>Depth to Bedrock:</i>		<i>Reliability:</i>	
<i>Water Type:</i>		<i>Overburden/Bedrock:</i>	No formation data
		<i>Casing</i>	Not stated
		<i>Material:</i>	

Site:

ON

Database:
WWIS

<i>Well ID:</i>	4908396	<i>Lot:</i>	008
<i>Concession:</i>	03	<i>Concession</i>	CIR R
<i>County:</i>	PEEL	<i>Name:</i>	
<i>Easting Nad83:</i>		<i>Municipality:</i>	MISSISSAUGA CITY
<i>Zone:</i>	17	<i>Northing</i>	
<i>Primary Water Use:</i>	Not Used	<i>Nad83:</i>	
<i>Sec. Water Use:</i>		<i>Utm Reliability:</i>	unknown UTM
<i>Pump Rate:</i>		<i>Construction</i>	20-APR-98
<i>Flow Rate:</i>		<i>Date:</i>	
<i>Specific Capacity:</i>		<i>Well Depth:</i>	
<i>Construction Method:</i>	Not Known	<i>Static Water Level:</i>	
<i>Elevation (m):</i>		<i>Clear/Cloudy:</i>	
<i>Depth to Bedrock:</i>		<i>Final Well Status:</i>	Abandoned-Other
<i>Water Type:</i>		<i>Flowing (y/n):</i>	
		<i>Elevation</i>	
		<i>Reliability:</i>	
		<i>Overburden/Bedrock:</i>	No formation data
		<i>Casing</i>	
		<i>Material:</i>	

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial AGR

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

Government Publication Date: Up to Mar 2015

Abandoned Mine Information System:

Provincial AMIS

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

Government Publication Date: 1800-Jan 2014

Anderson's Waste Disposal Sites:

Private ANDR

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private AUWR

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

Government Publication Date: 2001-Jul 2014

Borehole:

Provincial BORE

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Commercial Fuel Oil Tanks:

Provincial CFOT

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

Government Publication Date: 1948-2014

Chemical Register:

Private CHEM

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

Government Publication Date: 1992, 1999-Jul 2014

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Feb 2014

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Nov 2015

Drill Hole Database:

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the 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-Jun 2014

Environmental Activity and Sector Registry:

Provincial EASR

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

Government Publication Date: Oct 31 2011-Oct 2015

Environmental Registry:

Provincial EBR

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

Government Publication Date: 1994-Nov 2015

Environmental Compliance Approval:

Provincial ECA

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

Government Publication Date: Oct 31, 2011-Jun 2015

Environmental Effects Monitoring:

Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private EHS

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

Government Publication Date: 1999-Aug 2014

Environmental Issues Inventory System:

Federal 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

The Emergency Management Historical Event data class will store the locations of historical occurrences of emergency events. Events captured will include those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance.

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial EXP

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

Government Publication Date: Current to Nov 2014

Federal Convictions:

Federal FCON

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

*Government Publication Date: 1988-Jun 2007**

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank:

Provincial FST

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

Government Publication Date: 2010-Nov 2014

Fuel Storage Tank - Historic:

Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial GEN

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

Government Publication Date: 1986-May 2015

TSSA Historic Incidents:

Provincial HINC

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial INC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

Government Publication Date: June 2009-2014

Landfill Inventory Management Ontario:

Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: 2012

Canadian Mine Locations:

Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial MNR

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

Government Publication Date: 1846-Apr 2013

National Analysis of Trends in Emergencies System (NATES):

Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial NCPL

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

Government Publication Date: 1994-2012

National Defence & Canadian Forces Fuel Tanks:

Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defence & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

*Government Publication Date: 2001-Apr 2007**

National Environmental Emergencies System (NEES):

Federal

NEES

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

*Government Publication Date: 1974-2003**

National PCB Inventory:

Federal

NPCB

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

*Government Publication Date: 1988-2008**

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-2013

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-Sep 2015

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Inventory of PCB Storage Sites:

Provincial OPCB

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

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

Orders:

Provincial ORD

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

Government Publication Date: 1994-Nov 2015

Canadian Pulp and Paper:

Private PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Parks Canada Fuel Storage Tanks:

Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents:

Provincial PINC

TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

Government Publication Date: June 2009-2014

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Nov 2015

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2013

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2015

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jun 2015

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-2011

Anderson's Storage Tanks:

Private TANK

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

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial VAR

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

Government Publication Date: Current to Nov 2014

Waste Disposal Sites - MOE CA Inventory:

Provincial WDS

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

Government Publication Date: 1970-Jun 2015

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial WWIS

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

Government Publication Date: 1955-Mar 2014

Definitions

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

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

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

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

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

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

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

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

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

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

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

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



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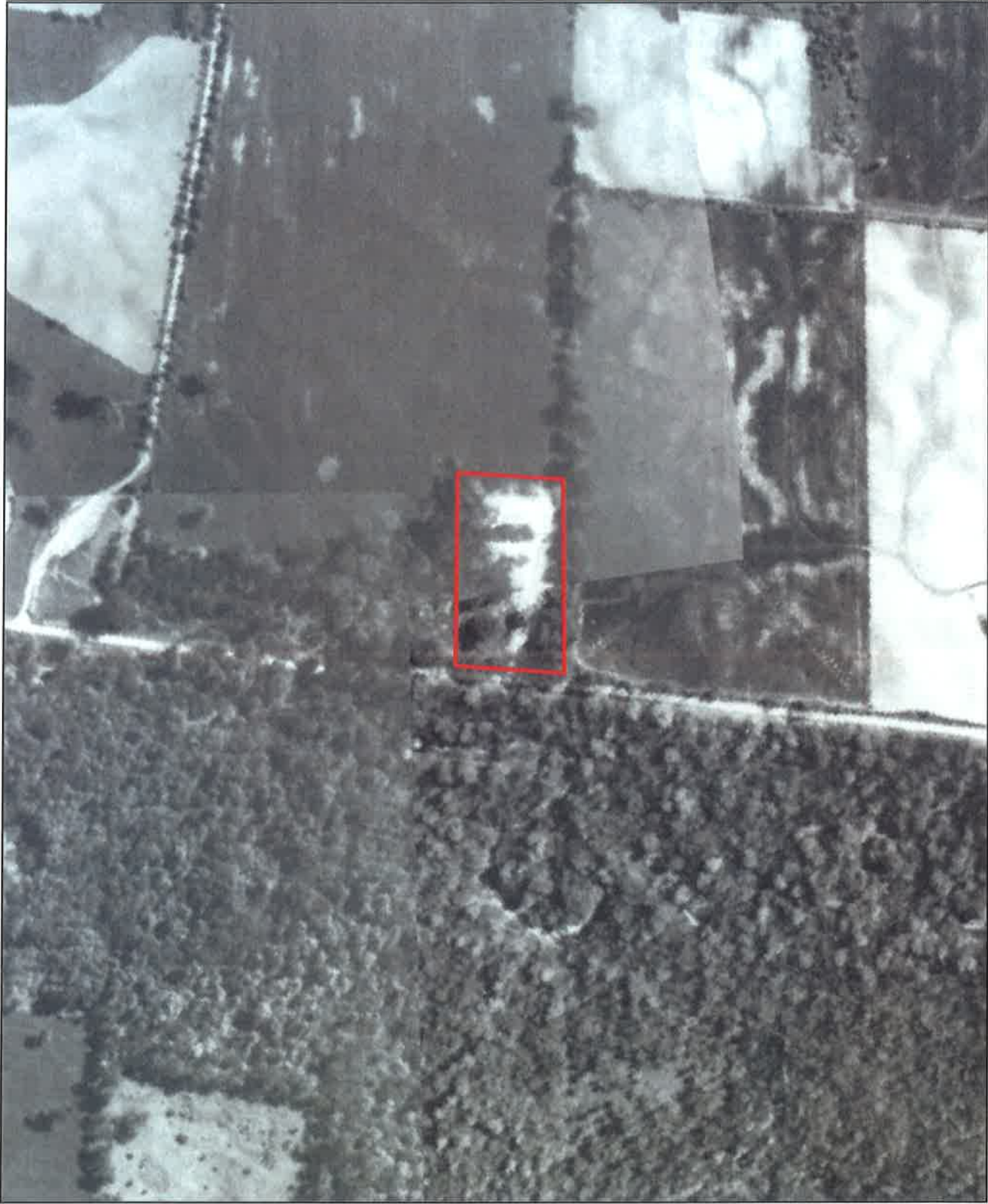
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APPENDIX 'D'

AERIAL PHOTOGRAPHS

REFERENCE NO. 1512-S086E





 Approximate Location
of Phase One Property



Title	1954 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	1 of 7



 Approximate Location
of Phase One Property

	<i>Soil Engineers Ltd.</i>
Title	1966 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	2 of 7



 Approximate Location
of Phase One Property

 *Soil Engineers Ltd.*

Title	1977 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	3 of 7



 Approximate Location
of Phase One Property



Soil Engineers Ltd.

Title	1985 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	4 of 7




 Approximate Location
of Phase One Property



Soil Engineers Ltd.

Title	1995 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	5 of 7



 Approximate Location
of Phase One Property



Soil Engineers Ltd.

Title	2003 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	6 of 7





 Approximate Location
of Phase One Property

 *Soil Engineers Ltd.*

Title	2015 Aerial Photograph
Project	Proposed Residential Development 6611 Second Line West City of Mississauga
Reference No.	1512-S086E
Date	January 16, 2016
Scale	NTS
Appendix 'D'	7 of 7



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APPENDIX 'E'

MOECC WELL RECORDS

REFERENCE NO. 1512-S086E

Well ID	Coordinates		Well Use	Depth (m)	Water Found at (m)
	NAD83 - Zone 17				
	Easting	Northing			
4905824	603382.60	4830257.00	Domestic	23.8	23.1
4905542	603444.60	4830383.00	Domestic	26.5	26.5
7225009	603622.00	4830253.00	Monitoring	22.6	N/A
4902549	603560.60	4830480.00	Domestic	6.4	4.8

Source: MOECC Well Records DB

Updated: January 8, 2016

Well ID: 4902549 on Phase One Property

Date of Completion

08/01/1981
10/25/1978
07/07/2014
10/23/1956



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APPENDIX 'F'

LANDOWNER/TENANT/OCCUPANT QUESTIONNAIRE

REFERENCE NO. 1512-S086E

To Brian Rakowski
416-818-4999

Print Form

PHASE I: ENVIRONMENTAL SITE ASSESSMENT
Landowner/Tenant/Occupant Questionnaire



Soil Engineers Ltd.
100 Nugget Ave
Toronto, Ontario
Canada
M1S 3A7

Address of site:

6611 Second Line West, Hursey

Person interviewed

Name:

DIETHARD ROETTER

Relationship to site:

owner

Interviewer:

Date of interview:

Jan 17, 2006

Interviewer

Method of interview:

Interviewer's name:

Project No:

General Questions

How long have you lived/worked at this address?

since 1987

What are the main operations that occur on this site?

Rental of house

What activities were previously performed on this site?

Parking of employees' vehicles

To the best of your knowledge, have any of the following occurred, or is presently occurring on the property:

Foul odours or stained surfaces (such as soil, concrete, asphalt, surrounding stormwater stains, etc)?

NO

Spills, leaks or hazardous materials activities?

NO

Above ground or underground storage tanks (such as those used for utility, fuel or chemical)?

NO

Specific chemicals located or stored on site in drums, tanks, barrels or sacks?

NO

Previous environmental site assessments completed? If yes what were the results? Was there an environmental cleanup?

Yes Phase I + II - everything OK, no clean up needed

If the property is served by a well or septic system and heating system? Please specify the location and age?

Septic system located front area

Dumping of hazardous substances or petroleum products, unidentified waste materials, automotive parts, household garbage, mixed municipal refuse, demolition debris, fill material from an unknown site demolition debris, fill material from an unknown site?

NO

If the neighbouring properties are or have been previously used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, junkyard or landfill, waste treatment, storage, disposal, processing or recycling facility or photo developing laboratory, etc.?

NO

Do you know of others who may have knowledge of the property?

NO

Additional Comments and Explanations

☒ I acknowledge that the above statements and facts are true and correct, based on my current knowledge as of the date completed.

Name

DIETHARD JOETTER

Date of Completion

Jan 12/16

PHASE I: ENVIRONMENTAL SITE ASSESSMENT
Landowner/Tenant/Occupant QuestionnaireSoil Engineers Ltd.
100 Nugget Ave
Toronto, Ontario
Canada
M1S 3A7

Address of site:

6611 Jona Line West Mississauga, ON

Person interviewed

Name:

Michael Callis

Relationship to site:

tenant

Interviewer:

Date of interview:

Interviewer

Method of interview:

Interviewer's name:

Project No:

General Questions

How long have you lived/worked at this address?

~2 years

What are the main operations that occur on this site?

Residential Home

What activities were previously performed on this site?

Residential Home

To the best of your knowledge, have any of the following occurred, or is presently occurring on the property:

Foul odours or stained surfaces (such as soil, concrete, asphalt, surrounding stormwater stains, etc)?

Not that I know of

Spills, leaks or hazardous materials activities?

Not that I know of

Above ground or underground storage tanks (such as those used for utility, fuel or chemical)?

Propane tank, septic tank

Specific chemicals located or stored on site in drums, tanks, barrels or sacks?

Not that I know of

Previous environmental site assessments completed? If yes what were the results? Was there an environmental cleanup?

Not while I've lived here

If the property is served by a well or septic system and heating system? Please specify the location and age?

Septic tank in front yard, unknown the age of the tank.

Dumping of hazardous substances or petroleum products, unidentified waste materials, automotive parts, household garbage, mixed municipal refuse, demolition debris, fill material from an unknown site demolition debris, fill material from an unknown site?

I've seen demolition debris onsite for few days, then was cleaned up.

If the neighbouring properties are or have been previously used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, junkyard or landfill, waste treatment, storage, disposal, processing or recycling facility or photo developing laboratory, etc.?

Neighbouring properties are ~~the~~ residential & a conservation area.

Do you know of others who may have knowledge of the property?

The owner/landlord of property

Additional Comments and Explanations

☒ I acknowledge that the above statements and facts are true and correct, based on my current knowledge as of the date completed.

Name

Michael Carls

Date of Completion

Jan 9/15



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APPENDIX 'G'

SITE PHOTOGRAPHS

REFERENCE NO. 1512-S086E



General front view of the building on the Phase One Property (facing southwest)



General view inside the parking garage (facing west)


	Title	Project	Reference No.	Date	Appendix 'G'
 Soil Engineers Ltd.	Site Photographs	Proposed Residential Development 6611 Second Line West City of Mississauga	1512-S086E	January 18, 2016.	Page 1 of 7



Above-ground Storage Tank located south of the building



AC Unit in the front of the building on Phase One Property


	Title	Project	Reference No.	Date	Appendix 'G'
 Soil Engineers Ltd.					
	Site Photographs	Proposed Residential Development 6611 Second Line West City of Mississauga	1512-S086E	January 18, 2016.	Page 2 of 7



General view of the main floor (facing north)



Furnace and water heating in the basement

	Title	Project	Reference No.	Date	Appendix 'G'
 Soil Engineers Ltd.	Site Photographs	Proposed Residential Development 6611 Second Line West City of Mississauga	1512-S086E	January 18, 2016.	Page 3 of 7



General view of the kitchen in the basement (facing east)



General view of the living room and office in the basement (facing southwest)

 Soil Engineers Ltd.	Title Site Photographs	Project Proposed Residential Development 6611 Second Line West City of Mississauga	Reference No. 1512-S086E	Date January 18, 2016.	Appendix 'G' Page 4 of 7
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Residential properties and trench located north of the Phase One Property (facing north)



Residential properties located south of the Phase One Property (facing south)

	Title	Project	Reference No.	Date	Appendix 'G'
 Soil Engineers Ltd.	Site Photographs	Proposed Residential Development 6611 Second Line West City of Mississauga	1512-S086E	January 18, 2016.	Page 5 of 7



Access driveway, Natural conservation area and 2nd Line W located west of the Phase One Property (facing west)



Residential properties located east of the Phase One Property (facing east)


	Title	Project	Reference No.	Date	Appendix 'G'
 Soil Engineers Ltd.	Site Photographs	Proposed Residential Development 6611 Second Line West City of Mississauga	1512-S086E	January 18, 2016.	Page 6 of 7



Change in topography from east to west of the Phase One Property (facing north)



General view of the slope on the Phase One Property (facing northeast)

	Title	Project	Reference No.	Date	Appendix 'G'
 Soil Engineers Ltd.					
	Site Photographs	Proposed Residential Development 6611 Second Line West City of Mississauga	1512-S086E	January 18, 2016.	Page 7 of 7



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APPENDIX 'H'

TABLE OF PAST AND CURRENT USES

REFERENCE NO. 1512-S086E



Reference No. 1512-S086E
Table of Current and Past Uses of The Phase One Property

Appendix 'H'

PIN: 13213-3809 (LT)

Instrument No.	Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
RO822560	1987 – Present	705306 Ontario Limited	Residential land	Residential use	Based on our site inspection, currently, the Phase One property is used as a residential purpose.
VS408048	1976 – 1987	Embree, Kilburn C. Embree, Georgina B.			Based on the 1954 to 2015 aerial photographs, the Phase One Property was a residential property.
VS241052	1972 – 1976	Jones, Richard			
56323	1949 – 1972	Wright, Mary E.			
45301	1945 – 1949	Lipsett, Francis G.	Agricultural land	Agricultural or Other use	Based on the historical map and our land title search, it is assumed that the Phase One Property was an agricultural land.
44415	1944 – 1945	Maguire, Edward D.			
42994	1943 – 1944	Irwin, George H. Irwin, James B.			
35303	1933 – 1943	Brett, Gertrude			
23289	1921 – 1933	Brett, Richard J.			
20798	1920 – 1921	Bull, Louis J.C.			
7424	1890 – 1920	Laidlaw Family			
2763	1879 – 1890	Farnell, William Sr.			
2128	1876 – 1879	Scott, Alex P.			
7239	1859 – 1876	Henshaw, Richard W.			
12199	1835 – 1859	Assinder, William			
Patent	1826 – 1835	Treanor, David			
	1826	The Crown			



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APPENDIX 'I'

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

REFERENCE NO. 1512-S086E

Areas of Potential Environmental Concern

Appendix 'I'

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil and/or Sediment)
APEC1 Fill material	Southeastern portion of the Phase One Property	30. Importation of fill material of unknown quality	On-site	M&I	Soil
APEC 2 Truck trailers	Northeastern portion of the Phase One Property	11. Commercial trucking and container terminals	On-site	PHCs, VOCs, PAHs and M&I	Soil and groundwater
APEC 3 Former underground storage tank	North of the building	28. Gasoline and associated products in fixed storage	On-site	PHCs, VOCs, PAHs and M&I	Soil and groundwater

PAHs = Polycyclic Aromatic Hydrocarbons

M&I = Metals and Inorganics

PHCs = Petroleum hydrocarbons

VOCs = Volatile Organic Compounds