PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT
PROPOSED EMS STATION
107 - 111 GLEN CAMERON ROAD
MARKHAM, ONTARIO

Prepared for:

THE REGIONAL MUNICIPALITY OF YORK

PATRIOT ENGINEERING LTD.
Consulting Engineers

Project 37110
February 27, 2017

80 Nashdene Road, Unit 62
Toronto, Ontario
M1V 5E4
416-293-7716

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PATRIOT
ENGINEERING LTD.
Consulting Engineers

Project 37110

February 27, 2017

The Regional Municipality of York
17252 Yonge Street
Newmarket, Ontario
L3Y 6Z1

Attention: Mr. Victor Chau, B.ArchSc., PMP, CCCA, LEED AP

Phase One - Environmental Site Assessment
Proposed EMS Station
107 - 111 Glen Cameron Road
Markham, Ontario

1.0 EXECUTIVE SUMMARY

As requested, Patriot Engineering Ltd. has carried out a Phase One - Environmental Site Assessment (ESA) for the above project site. The subject property does not contain any buildings and is currently being used as a storage yard for a landscaping company. However, this property used to have a one storey building, which was demolished at sometime after 2007. The property is located in Markham, Ontario. Authorization to carry out the Phase One - ESA was provided by Mr. Victor Chau of The Regional Municipality of York, on February 7, 2017. This assessment was carried out in accordance with the Canadian Standards Association (CSA) Standard Z768-01 and Ontario Regulation 153/04.

The subject land is not believed to have been used for industrial purposes or as a landfill site. There was no evidence of surface staining. The surrounding properties have been found to be residential, commercial and industrial in nature.

There was evidence found during our site inspection and research of factors that might pose an environmental risk. The subject property and some of the surrounding properties within a 250m radius are of potential environmental concern. These concerns arise from (a) the subject site, plus (b) from nearby sites. The following environmental items and properties are of particular concern:

1. Subject Property:

   A) Above Ground Storage Tanks:

      (i) An above ground pesticides storage tank was observed at the property. This tank is on a trailer and it is anticipated that it is transported out of the property during landscaping work. No staining was observed around this storage tank.

   It is possible that leaks and/or spills may have infiltrated into the soil within the subject site.

2. Surrounding Properties:

A) Waste Generation Code:

(i) 97 Glen Cameron Road, located west of the subject property is registered as a waste generator under Ontario Regulation 347. This regulation states that any property that produced, collected, handled, or stored regulated waste has to be registered. The type of waste generated, handled and/or stored include waste oils and lubricants.

(ii) 89 Glen Cameron Road, located west of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include petroleum distillates, paint/pigment/coating residues, photo processing wastes.

(iii) 120 Doncaster Avenue, located south of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include light fuels, petroleum distillates, aliphatic solvents, waste oils & lubricants and oil skimmings & sludges.

(iv) 134 Doncaster Avenue, located south of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include waste oils & lubricants.

(v) 140 Doncaster, located southeast of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include halogenated solvents.

(vi) 99 Henderson Avenue, located east of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include photo processing wastes, pharmaceuticals and pathological wastes.

There is a potential environmental risk from a spill and/or a leak of any of the chemicals mentioned above that may migrate to the subject property.

B) Spills in surrounding properties:

i) 83 Glen Cameron Road, located west of the subject property is a site where a spill of KOH (Potassium Hydroxide) occurred.

ii) 89 Henderson Avenue, located east of the subject property is a site where a spill of raw sewage occurred.

iii) 120 Glen Cameron Road, located south of the subject property is a site where a spill of diesel fuel has occurred from an underground storage tank leak.

It is possible that the spilled chemicals at the above mentioned sites may have migrated onto the subject property.

C) Fuel Tank

i) 120 Doncaster Avenue, located south of the subject property has underground gasoline and diesel fuel tanks

ii) 140 Doncaster Avenue, located southeast of the subject property has a retail fuel tank. It is not specified whether the tank is underground or above ground.

D) Pesticides

i) 112 Glen Cameron Road, located north of the subject property is a site occupied by a pesticide operator.

ii) 124 Glen Cameron Road, located northeast of the subject property is a site occupied by a pesticide operator.

iii) 104 Morgan Avenue, located northwest of the subject property is a site occupied by a pesticide operator.

iv) 134 Doncaster Avenue, located south of the subject property is a site occupied by a pesticide operator.

v) 111 Henderson Avenue, located east of the subject property is a site occupied by a pesticide operator.

Based on the environmental concerns that were found in the subject property and surrounding properties, a Phase Two - Environmental Site Assessment (ESA) is recommended. The Phase Two - ESA should consist of a series of boreholes drilled at strategic locations throughout the property. Soil samples and groundwater samples, if groundwater is encountered, should be analysed for General metal and inorganic parameters, Total Petroleum Hydrocarbons (TPH F1 to F4), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX), Volatile Organic Compounds (VOC's) and Pesticides. Such testing will assist in assessing the environmental quality of the soil at the site.

2.0 INTRODUCTION

As requested, Patriot Engineering Ltd. has carried out a Phase One - Environmental Site Assessment (ESA) for the above project site. The subject property does not contain any buildings and is currently being used as a storage yard for a landscaping company. The property is located in Markham, Ontario. Authorization to carry out the Phase One - ESA was provided by Mr. Victor Chau of The Regional Municipality of York, on February 7, 2017. This assessment was carried out in accordance with the Canadian Standards Association (CSA) Standard Z768-01 and Ontario Regulation 153/04.

The purpose of this Phase One ESA was to identify any actual or potential environmental concerns that may exist, based on prior land use from tenants or owners. The Phase One ESA was performed through the use of readily available public records, combined with a site visit. A Phase One ESA does not include sampling and testing of soil, groundwater or building materials.

2.a Phase One Property Information

The subject property is located on the south side of Glen Cameron Road, at approximately 850m north and 900m east of the intersection of Yonge Street and Steeles Avenue East, in Markham, Ontario. The municipal address of the Phase One property is 107 Glen Cameron Road, Markham, Ontario. A location map is provided in Figure 1.

The property currently has no buildings. However, this property used to have a one storey building, which was demolished at sometime after 2007. Satellite images obtained from the YorkMaps Application for the years 1970 and 2007 show the building at the property, while the images from years 2009 and 2016 show that the building does not exist anymore. The images for the years 1970, 2007, 2009 and 2016 are included in Figures 2, 3, 4 and 5, respectively. At this time, the property contains one shed and a shipping container. It also contains several trailers, landscaping equipment and snow plowing equipment used by the landscaping company. Photographs of the subject property are provided in Appendix A.

Surface runoff water is drained into catch basins on Glen Cameron Road and the ditch at the south section of the property. Groundwater is not used as a source of potable water and its depth is not known. During the course of the site visit, no stressed vegetation or staining was observed.

3.0 SCOPE AND METHODOLOGY

The site assessment of the subject property consisted of a site visit held on February 23, 2017, which included a site walk-through and photographic documentation of the property. An interview with the owner Mr. Attila Gyurko was conducted on February 28, 2017. A search of the title records at the Aurora Land Registry Office, located at 50 Bloomington Road, in Aurora, Ontario, was executed to establish the site ownership. Tenant history and development history were investigated at the Toronto Public Reference Library, located at 789 Yonge Street, in Toronto, Ontario.

Aerial photographs for the subject property were researched at the Archives of Ontario, located at 134 Ian MacDonald Boulevard, in Toronto, Ontario. A search of available databases to determine potentially contaminating activities was also undertaken.

The results of the ESA are discussed in Sections 4 to 6. Environmental concerns are discussed in Section 7 and recommendations are provided in Section 8.

4.0 RECORDS REVIEW

4.a General

4.a.i Phase One Study Area Determination

The property is situated in a residential, commercial and industrial area, with residential, commercial and industrial properties surrounding the subject property. In accordance with O.Reg.153/04, the Phase One study area is determined to be within a 250m radius of the Phase One property. Since no major industrial properties were observed within a 500m radius of the property, the study area was kept within the 250m radius of the Phase One property.

4.a.ii First Development Use Determination

The first developed use of the Phase One property was determined by reviewing satellite maps and city directories. The study of these documents revealed that the expected use of the Phase One property was for commercial purposes.

4.a.iii Fire Insurance Plan

The fire insurance drawings for the property were searched but were unavailable.

4.a.iv Chain of Title/History of Site Land Use

The history of the site land use was obtained through the use of the Region Directories for the years 2000, 1995, 1990, 1985, 1979, 1975 and 1969-70. Prior to 1975, although efforts were made we were unable to locate the address in such directories.

A search of the above mentioned directories show that the subject property was occupied by various businesses including construction companies, electrical contractors, air conditioning companies, metal work business and wood work companies. Our search of the directories did not show any items of potential environmental concern.

4.a.v Environmental Reports

A Phase One Environmental Site Assessment (ESA) was previously carried out for the subject site by Try Environmental Services Inc. They provided Report No. 06-1923, dated December 5, 2006, and concluded that there were no environmental concerns to the subject site. However, events that have occurred since this report was written, as well as, changes that were made to the regulations lead to a different conclusion as discussed in Sections 7 and 8.

4.b Environmental Source Information

4.b.i Ministry of the Environment (MOE) Records Review

We have carried out a review of records from the Ministry of the Environment for the subject property. We had submitted a request to the ministry through the Freedom of Information Act to obtain any information regarding environmental concerns which have been reported to them. At the time of writing this report, this information was not yet available. Once we receive this information; if the findings demonstrate concerns, it will then be forwarded.

4.b.ii National Pollutant Release Inventory (NPRI) - Environment Canada

A search of the *National Pollutant Release Inventory* (NPRI) indicated that the subject property is not registered under the NPRI.

4.b.iii Inventory of Coal Gasification Plant Waste Sites in Ontario - MOE

A search of the *Inventory of Coal Gasification Plant Waste Sites in Ontario* indicates that the subject property is not listed in the inventory.

4.b.iv Waste Disposal

A review of the Ontario Ministry of the Environment's *Waste Disposal Site Inventory (1991)* as well as the *Landfill Inventory Management Ontario (LIMO)* database indicated that this property was not registered as a landfill site, whether active or inactive.

4.b.v EcoLOG ERIS Report

We have submitted a request to process an EcoLOG ERIS Report. The report provides a summary of a search of multiple environmental databases for the subject property and all surrounding properties within a 250m radius. The report generated no entries for the subject property and 100 entries within a 250m radius for a total of 100 entries. The report is attached in Appendix B.

The EcoLog Eris report showed that several properties within the 250m radius may pose a potential environmental risk. In particular, the following properties are of concern:

Surrounding Properties:

A) Waste Generation Code:

(i) 97 Glen Cameron Road, located west of the subject property is registered as a waste generator under Ontario Regulation 347. This regulation states that any property that produced, collected, handled, or stored regulated waste has to be registered. The type of waste generated, handled and/or stored include waste oils and lubricants.

(ii) 89 Glen Cameron Road, located west of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include petroleum distillates, paint/pigment/coating residues, photo processing wastes.

(iii) 120 Doncaster Avenue, located south of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include light fuels, petroleum distillates, aliphatic solvents, waste oils & lubricants and oil skimmings & sludges.

(iv) 134 Doncaster Avenue, located south of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include waste oils & lubricants.

(v) 140 Doncaster, located southeast of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include halogenated solvents.

(vi) 99 Henderson Avenue, located east of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include photo processing wastes, pharmaceuticals and pathological wastes.

There is a potential environmental risk from a spill and/or a leak of any of the chemicals mentioned above that may migrate to the subject property.

B) Spills in surrounding properties:

i) 83 Glen Cameron Road, located west of the subject property is a site where a spill of KOH (Potassium Hydroxide) occurred.

ii) 89 Henderson Avenue, located east of the subject property is a site where a spill of raw sewage occurred.

iii) 120 Glen Cameron Road, located south of the subject property is a site where a spill of diesel fuel has occurred from an underground storage tank leak.

It is possible that the spilled chemicals at the above mentioned sites may have migrated onto the subject property.

C) Fuel Tank

i) 120 Doncaster Avenue, located south of the subject property has underground gasoline and diesel fuel tanks

ii) 140 Doncaster Avenue, located southeast of the subject property has a retail fuel tank. It is not specified whether the tank is underground or above ground.

D) Pesticides

i) 112 Glen Cameron Road, located north of the subject property is a site occupied by a pesticide operator.

ii) 124 Glen Cameron Road, located northeast of the subject property is a site occupied by a pesticide operator.

iii) 104 Morgan Avenue, located northwest of the subject property is a site occupied by a pesticide operator.

iv) 134 Doncaster Avenue, located south of the subject property is a site occupied by a pesticide operator.

v) 111 Henderson Avenue, located east of the subject property is a site occupied by a pesticide operator.

4.c Physical Setting Sources

4.c.i Aerial Photographs

Aerial photographs were ordered from the Ministry of Natural Resources at 134 Ian MacDonald Boulevard, in Toronto, Ontario, for the years 1971 and 1978. At the time of writing this report, these photographs were not yet available. Once we receive this information; if the findings demonstrate concerns, it will then be forwarded.

4.c.ii Topography, Hydrology, Geology

In general the Phase One property is relatively flat. Groundwater is anticipated to flow in the general southeast direction.

Surficial geology in the areas have been mapped as: Till: Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain (Surficial geology, Ministry of Northern Development and Mines, 2013).

4.c.iii Fill Materials

Stockpiles of granular fill and clear stone materials were observed at the subject property. Evidence indicating that these material were intermixed with earth fill was not detected as this would suggest that these materials were delivered from other sites. It is anticipated that these materials were obtained from a gravel yard and therefore are not expected to be an environmental concern.

4.c.iv Water Bodies and Areas of Natural Significance

Based on maps and satellite images reviewed, the nearest water body is a creek located approximately 350mm southeast of the property. This creek terminates at the Don River located approximately 2500m southeast of the property. No areas of natural significance were observed within the Phase One property or the Phase One Study area.

4.c.v Well Records

A review of the well records revealed that there are seven (7) wells installed within the Phase One study area. The wells are used either as observation wells that are currently being monitored or abandoned test holes that are not being used. The location and stratigraphy of the wells are included in the EcoLog Eris Report, which is attached in Appendix B.

4.d Site Operating Records

The site is being used as storage yard for a landscaping company. Site operating records were not available.

5.0 INTERVIEW

An interview was conducted with the owner Mr. Attila Gyurko on February 28, 2017. Mr. Gyorko informed us that when he acquired the subject property there used to be an abandoned one storey commercial building. Mr. Gyurko had the building demolished shortly after acquiring the subject property. He also informed us that no new buildings were built after the demolished of the existing building. Currently the subject property is being used as a storage yard by a landscaping company. Mr. Gyurko informed us that to the best of his knowledge the subject property has never been used for any other purpose.

6.0 SITE RECONNAISSANCE

6.a General Requirements

The site investigation was carried out on February 23, 2017. The weather was partly cloudy and the temperature was 14 degrees Celsius during our visit. The investigation took approximately 2 hours and was carried out by Mr. Milkias Woldegiorgis B.A.Sc., EIT, under supervision of Mr. Larry Galimanis, P.Eng.(Qualified Person).

The site is being used as storage yard for a landscaping company.

6.b Specific Observations at Phase One Property

The property contains one shed, one shipping container, several trailers, plus landscaping and snow plowing equipment. No buildings were present at the subject property.

In general, the property is mostly covered with vegetation consisting of grass, shrubs and some trees. A small portion of the property was also covered with gravel and asphalt.

6.b.i Enhanced Investigation Property

In order to classify a Phase One property as an enhanced investigation property, the property must have been used in the past or is currently being used for the following purposes:

1. Any industrial use
2. As a garage
3. As a bulk liquid dispensing facility, including a gasoline outlet, or
4. Operation of a dry cleaning facility

The property used to be a commercial at some time prior to 2007 and contained a one storey commercial building. The commercial building was demolished at sometime after 2007. Currently it is being used as a storage yard by a landscaping company. None of the above activities are expected to take place within the property. In light of this, the enhanced investigation of the property does not apply.

6.b.ii PCB's

Two potential sources of PCB's are transformers and fluorescent light ballasts. Neither of these were observed on the property.

A review of the Ontario Ministry of the Environment's *Ontario Inventory of PCB Storage Sites (2003)* indicated that this property was not registered as a licensed PCB storage facility.

6.b.iii Asbestos

There is a possibility that asbestos material may be found in the following construction materials:

- sprayed asbestos for fireproofing
- texture coat
- hard plaster
- ceiling tiles
- vinyl floor tiles
- mechanical insulation
- asbestos cement sheets

During our visit, we observed the construction materials for the shed. In general, the ceiling, floor and walls were comprised of plywood. None of the above materials were found to be present on the site.

6.b.iv Lead

Lead was used in paints prior to its banning in 1978. During our site visit, we did not observe any evidence of lead-based paint. The shed within the property was not painted. Furthermore, the building that used to be at the subject property was demolished and removed from the site at sometime after 2007. In light of this, a detailed lead-based paint survey is not required.

6.b.v Ozone-Depleting Substances

Certain chemicals such as hydrofluorocarbons, chlorofluorocarbons and halons are considered ozone-depleting substances (ODSs). The typical uses of ODSs are as refrigerants in air conditioners and refrigerators, aerosol spray propellants and fire extinguishing agents.

As mentioned above, our search of the directories showed that at some point in the past an air conditioning company was a tenant before the building was demolished. During that time, there was a possibility of the use of refrigerants. However, it has been more than 8 years since the building was demolished plus currently, none of the above mentioned ODSs sources are present at the subject property. In light of this, it is not considered to be an environmental concern.

6.b.vi Underground Storage Tanks

There is no evidence of underground storage tanks on the subject property. No fill or vent tubes were detected.

6.b.vii Above Ground Storage Tanks

An above ground pesticide storage tank was observed at subject property. This tank is on a trailer and it is anticipated that it is transported out of the property during landscaping work. No staining was observed around this storage tank.

6.b.vi Chemical Storage

There was no evidence of the bulk storage of chemicals on the property.

6.b.ix Waste Disposal

The subject property is being used as a storage yard for a landscaping company. No buildings are present within the site. In light of this, waste disposal is not expected at the subject property. However, if there is waste to be disposed, weekly municipal waste collection is anticipated to be used.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.i Site Ownership History

The site ownership was developed from a review of the records for Lot 15 Registrar's Compiled Plan 10327 in Markham, Ontario.

The search of the land title showed that the current owner is the Hunster Corporation. The records for the ownership were traced as far back as April 25, 1974. There were no records available beyond that date. A summary of the site ownership is shown below in Table 1:

Table 1: Summary of Site Ownership

Lot 15				
Registration No.	Type	Date	Grantor	Grantee
MA102916	Transfer	38384	Ms. Ann Lan Chen	*Hunster Corporation
MA86528	Transfer	27143	-	Ms. Ann Lan Chen

*The land titles office lists Hunster Corporation as the current owner.

7.ii Potential Contaminating Activity

7.ii.a Phase One Property

The potential contaminating activity with in the site is as follows:

a. The presence of a Pesticides AST at the property.

7.ii.b Remaining Phase One Study Area

The potential contaminating activities within the remaining Phase One study area are as follows:

a. Two properties within the Phase One study area contain underground fuel storage tanks, located to the south and east of the Phase One property.

b. Storage and handling of hazardous waste products at various properties within the study area located to the south, east and west of the Phase One property.

c. Multiple properties within the Phase One study area are pesticide operators, located to the north, south and east of the Phase One property.

d. A spill of chemicals has occurred at various properties within the study area, located to the south, east and west of the Phase One property.

7.iii Areas of Potential Environmental Concern

Based on our site visit and research into the land use of the subject property and surrounding properties, there was evidence found during our site inspection and research of factors that might pose an environmental risk. The subject site and some of the surrounding properties are of potential environmental concern.

The environmental concerns arise from the subject property and from the surrounding properties. In particular, the following environmental items and properties are of concern:

1. Subject Property:

A) Above Ground Storage Tank:

(i) An above ground pesticides storage tank was observed at the property. This tank is on a trailer and it is anticipated that it is transported out of the property during landscaping work. No staining was observed around this storage tank.

It is possible that leaks and/or spills may have infiltrated into the soil within the subject site.

2. Surrounding Properties:

A) Waste Generation Code:

(i) 97 Glen Cameron Road, located west of the subject property is registered as a waste generator under Ontario Regulation 347. This regulation states that any property that produced, collected, handled, or stored regulated waste has to be registered. The type of waste generated, handled and/or stored include waste oils and lubricants.

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(iii) 120 Doncaster Avenue, located south of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include light fuels, petroleum distillates, aliphatic solvents, waste oils & lubricants and oil skimmings & sludges.

(iv) 134 Doncaster Avenue, located south of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include waste oils & lubricants.

(v) 140 Doncaster, located southeast of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include halogenated solvents.

(vi) 99 Henderson Avenue, located east of the subject property is registered as a waste generator under Ontario Regulation 347. The type of waste generated, handled and/or stored include photo processing wastes, pharmaceuticals and pathological wastes.

There is a potential environmental risk from a spill and/or a leak of any of the chemicals mentioned above that may migrate to the subject property.

B) Spills in surrounding properties:

i) 83 Glen Cameron Road, located west of the subject property is a site where a spill of KOH (Potassium Hydroxide) occurred.

ii) 89 Henderson Avenue, located east of the subject property is a site where a spill of raw sewage occurred.

iii) 120 Glen Cameron Road, located south of the subject property is a site where a spill of diesel fuel has occurred from an underground storage tank leak.

It is possible that the spilled chemicals at the above mentioned sites may have migrated onto the subject property.

C) Fuel Tank

i) 120 Doncaster Avenue, located south of the subject property has underground gasoline and diesel fuel tanks

ii) 140 Doncaster Avenue, located southeast of the subject property has a retail fuel tank. It is not specified whether the tank is underground or above ground.

D) Pesticides

i) 112 Glen Cameron Road, located north of the subject property is a site occupied by a pesticide operator.

ii) 124 Glen Cameron Road, located northeast of the subject property is a site occupied by a pesticide operator.

iii) 104 Morgan Avenue, located northwest of the subject property is a site occupied by a pesticide operator.

iv) 134 Doncaster Avenue, located south of the subject property is a site occupied by a pesticide operator.

v) 111 Henderson Avenue, located east of the subject property is a site occupied by a pesticide operator.

Based on the above pontential environmental concern, Table 2 below summarizes the Areas of Potential Environmental Concern (APEC):

Table 2: Summary of Areas of Potential Environmental Concern					
Area of Potential Environmental Concern (APEC)	**Location of APEC**	**Potentially Contaminating Activities (PCA)**	**PCA Onsite or Offsite?**	**Potential Contaminants of Concern**	**Potential Media Impacted**
Phase One Property (APEC 1)	Central portion of the property	Above ground pesticide storage tank	Onsite	Pesticides	Soil and Groundwater
Activities south and east of Phase One Property (APEC 2)	South and east sections of the property	Presence of USTs for fuel	Offsite	PHCs and VOCs	Soil and Groundwater
Activities south, east and west of Phase One Property (APEC 3)	South east and west portions of property	Storage and handling of hazardous materials	Offsite	PHCs and VOCs	Soil and Groundwater
Activities north, south and east of Phase One Property (APEC 4)	North, south and east portions of property	Pesticide operators	Offsite	Pesticides	Soil and Groundwater
Activities south, east and west of Phase One Property (APEC 5)	South east and west portions of property	Spills at various locations within the Phase One Study Area	Offsite	PHCs and VOCs	Soil and Groundwater

7.iv Phase One ESA Conceptual Site Model

The potential contaminating activities and areas of potential environmental concern are presented in detail in Sections 7.ii and 7.iii. These are shown in the Phase One ESA Conceptual Site Model, Figure 6.

The property is currently being used as a storage yard by a landscaping company. The are no buildings present at the property. A shed, a shipping container, various trailers, landscaping equipment and snow plowing equipment were stored at the site. A portable pesticide above ground tank was present on site. A leak or a spill of the pesticides may have infiltrated the soil. As a result, these may cause potential environmental concerns.

The neighboring properties within the Phase One study area are industrial, commercial and residential. There are various properties within the Phase One study area, located to the east, west and south of the property registered as a waste generator under Ontario Regulation 347. Three properties to the east, west and south of the Phase One property are areas, where spills has taken place. There are two sites within the Phase One study area, where underground storate tanks (USTs) are present. Furthermore, various properties within the Phase One study area, located to the east, north and south of the property are pesticide operators. There is a potential environmental risk from a spill and/or a leak of chemicals from any of these properties that may migrate to the subject property. Therefore, these are potential environmental concerns to the Property.

Based on maps and satellite images reviewed, the nearest water body is a creek located approximately 350mm southeast of the property. This creek terminates at the Don River located approximately 2500m southeast of the property. No areas of natural significance were observed within the Phase One property or the Phase One Study area.

In general, surficial geology in the areas have been mapped as: Till: Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain (Surficial geology, Ministry of Northern Development and Mines, 2013).

To prepare this Phase One Conceptual Site Model, site reconnaissance was carried out. All available information provided to Patriot Engineering Ltd was also reveiwed. Therefore, the accuracy of the Conceptual Site Model is dependant on the accuracy of this information.

8.0 RECOMMENDATIONS

Based on the environmental concerns that were found in the subject property and surrounding properties, a Phase Two - Environmental Site Assessment (ESA) is recommended. The Phase Two - ESA should consist of a series of boreholes drilled at strategic locations throughout the property. Soil samples and groundwater samples, if groundwater is encountered, should be analysed for General metal and inorganic parameters, Total Petroleum Hydrocarbons (TPH F1 to F4), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX), Volatile Organic Compounds (VOC's) and Pesticides. Such testing will assist in assessing the environmental quality of the soil at the site.

During our site visit, we did not observe any evidence of lead-based paint. The shed within the property was not painted and therefore a detailed lead-based paint survey is not required.

9.0 STATEMENT OF QUALIFICATIONS

Mr. Milkias Woldegiorgis, B.A.Sc., EIT

Mr. Milkias Woldegiorgis is a graduate of the University of Waterloo with a degree in Geological/Geotechnical Engineering. He has been involved in the completion of several Phase One and Phase Two ESAs, as well as, chemical testing and sampling of soil and groundwater.

Mr. Larry Galimanis, P.Eng, Principal/Consulting Engineer

Mr. Larry Galimanis is the President of Patriot Engineering Ltd. He is licensed as a Professional Engineer with the Professional Engineers Ontario (PEO), and also designated as a Consulting Engineer. He has over 30 years of experience in the engineering profession, including multiple projects involving environmental site assessments and remediation work.

10.0 DISCLAIMER

Every effort has been made to ensure that the information contained in this report is accurate. Patriot Engineering Ltd. has exercised professional judgement in collecting and analyzing the information and in formulating recommendations based on the results of the study. The mandate at Patriot Engineering Ltd. is to perform the given tasks within the guidelines prescribed by the client with the quality and due diligence expected within the profession. No other warranty or representation, expressed or implied, as to the accuracy of the information or recommendations is included or intended in this report. This report has been prepared for Mr. Victor Chau of The Regional Municipality of York. Patriot Engineering Ltd. hereby disclaims any liability to any other person or party for any loss, damage, expenses, fines or penalties which may arise or result from the use of any information or recommendations contained within the report.

Should you have any questions, please do not hesitate to contact our office.

Sincerely,
PATRIOT ENGINEERING LTD.

Milkias Woldegiorgis, B.A.Sc., EIT

Larry Galimanis, P.Eng.
Principal/Consulting Engineer

LICENSED PROFESSIONAL ENGINEER
L. GALIMANIS
PROVINCE OF ONTARIO

Distribution: Mr. Victor Chau, The Regional Municipality of York (4)

12.0 REFERENCES

Maps, http://www.google.ca

Metro Toronto Satellite Cities Directory, 1975

Metro Toronto Satellite Cities Directory, 1969-70

Might's Metro Toronto Satellite Cities Directory, 1979

Might's Suburban Metro Toronto Criss-Cross Directory, 1985

Ministry of Northern Development and Mines, Surficial Geology Google Earth Layer, 2013

Polk Criss-Cross Directory York Region Ontario, 2000

Suburban Metro Toronto Criss-Cross Directory, 1990

York Region Criss-Cross Directory, 1995

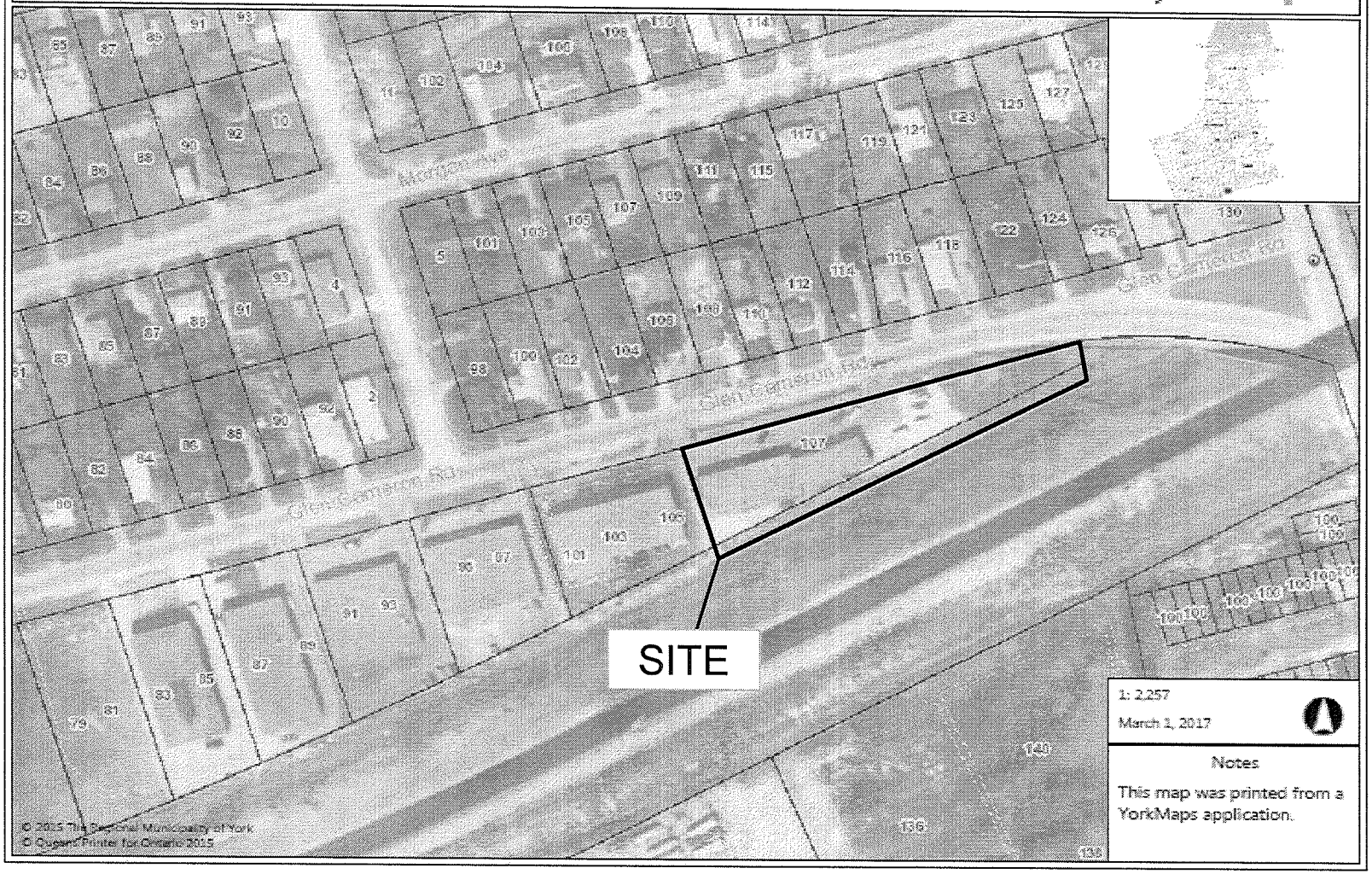
York Region Maps Application

	Phase I Environmental Site Assessment 107 Glen Cameron Road, Markham, Ontario Toronto, Ontario	Figure 1: Location map for subject property at 107 Glen Cameron Road Markham, Ontario
	February '17	

York Region

Figure 2: 1970 Satellite Image

yorkmaps



York Region

Figure 3: 2007 Satellite Image

yorkmaps

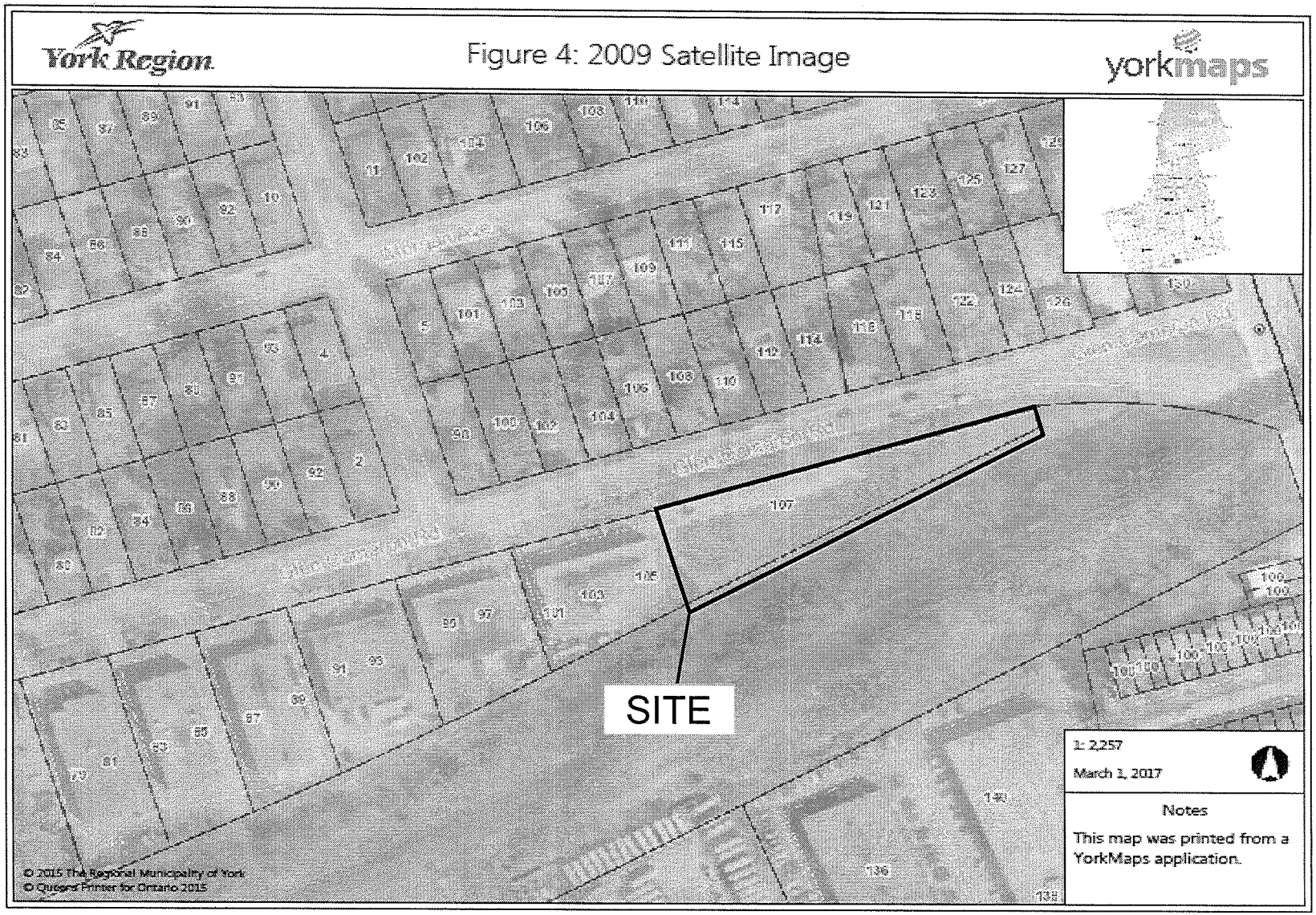

York Region
Figure 4: 2009 Satellite Image
yorkmaps
SITE
1: 2,257
March 3, 2017
Notes
This map was printed from a YorkMaps application.
© 2015 The Regional Municipality of York
© Queen's Printer for Ontario 2015

Figure 5: 2016 Satellite Image

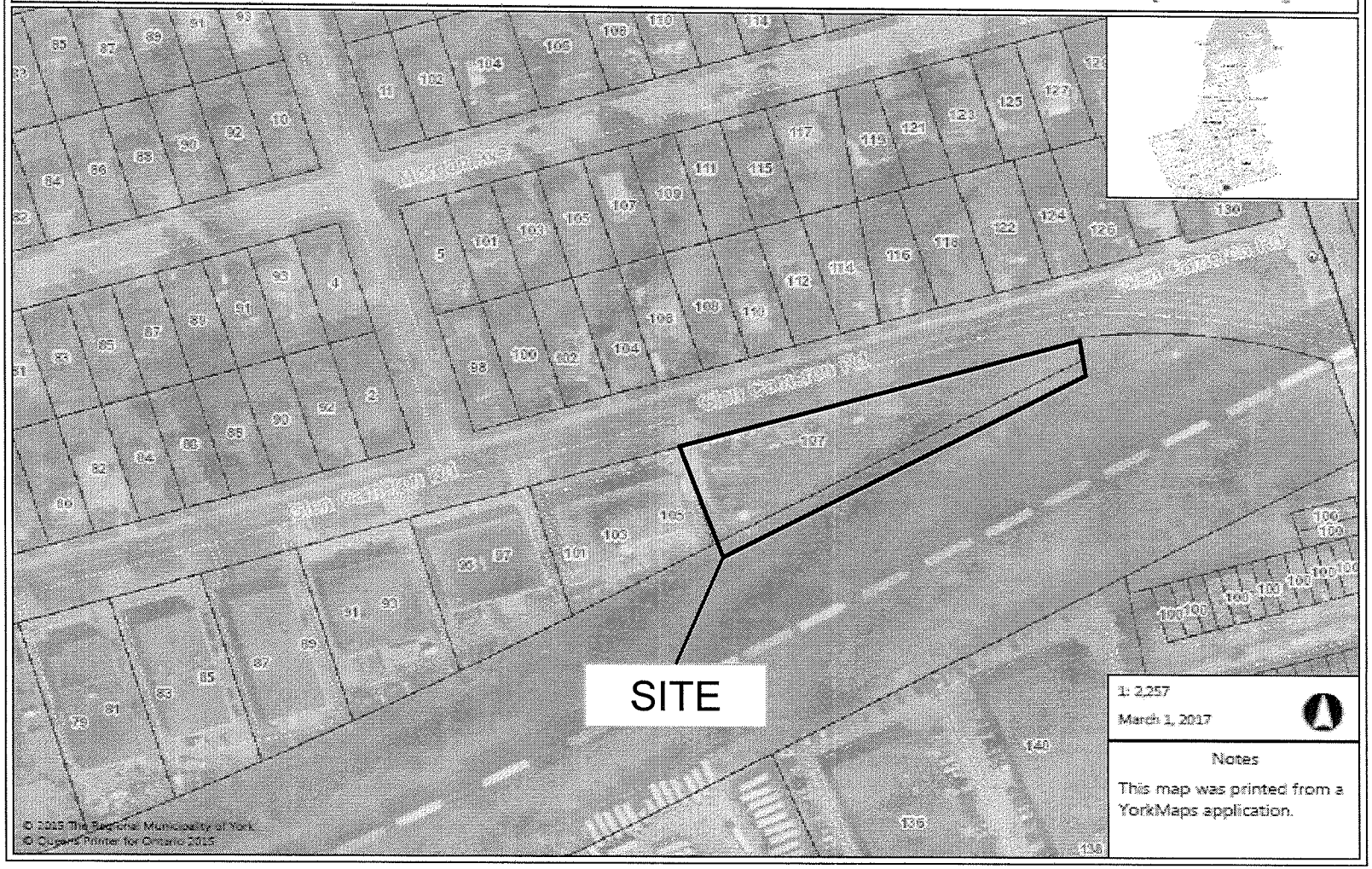
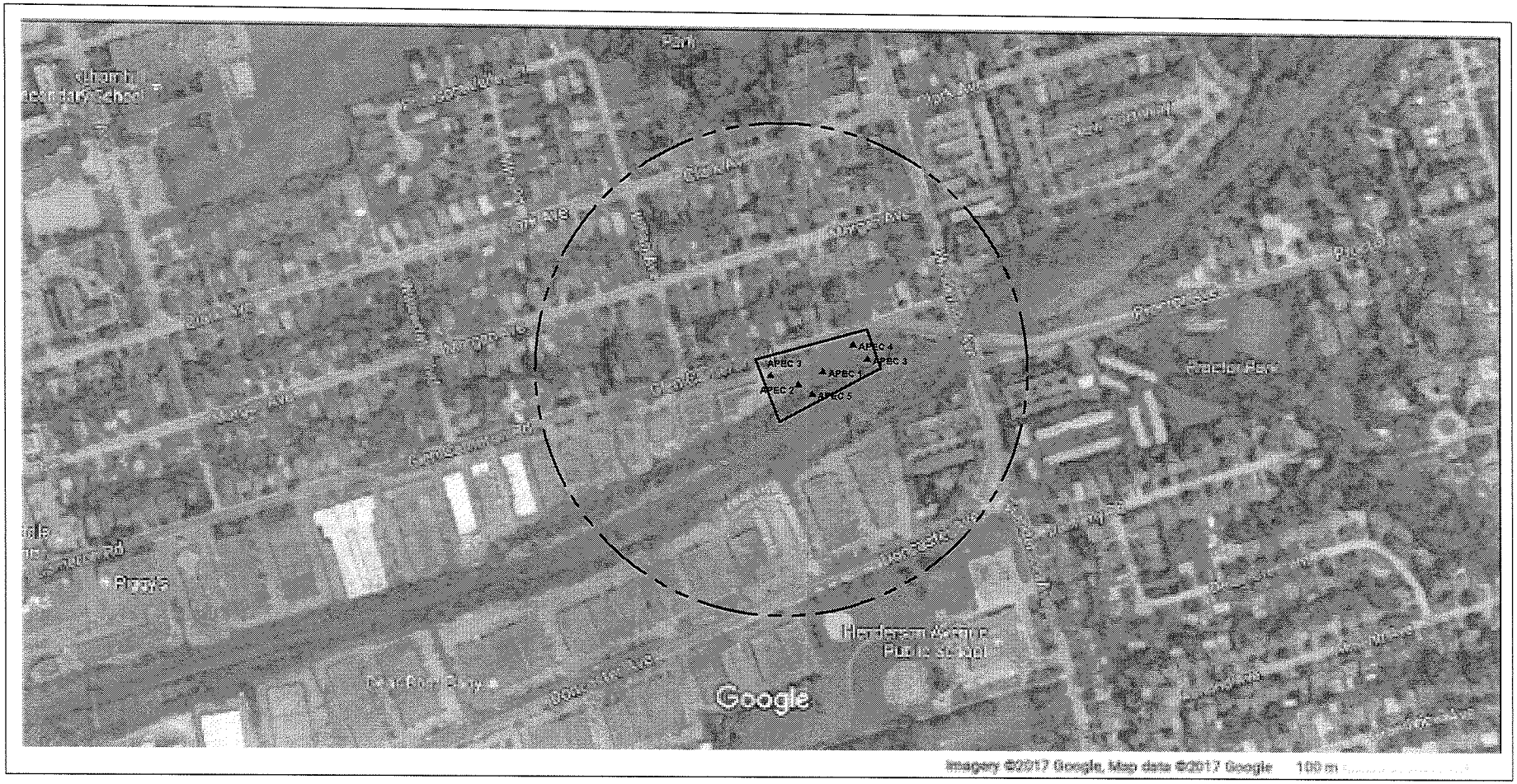


FIGURE 1: CONCEPTUAL SITE MODEL

PROPOSED EMS STATION

107 - 111 GLEN CAMERON ROAD, MARKHAM, ONTARIO



LEGEND

- PHASE ONE STUDY AREA
- PHASE ONE PROPERTY
- AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

	Name	Date
Drawn By	M.W.	Feb' 17
Checked By		
Revisions		
Scale	N.S.T.	

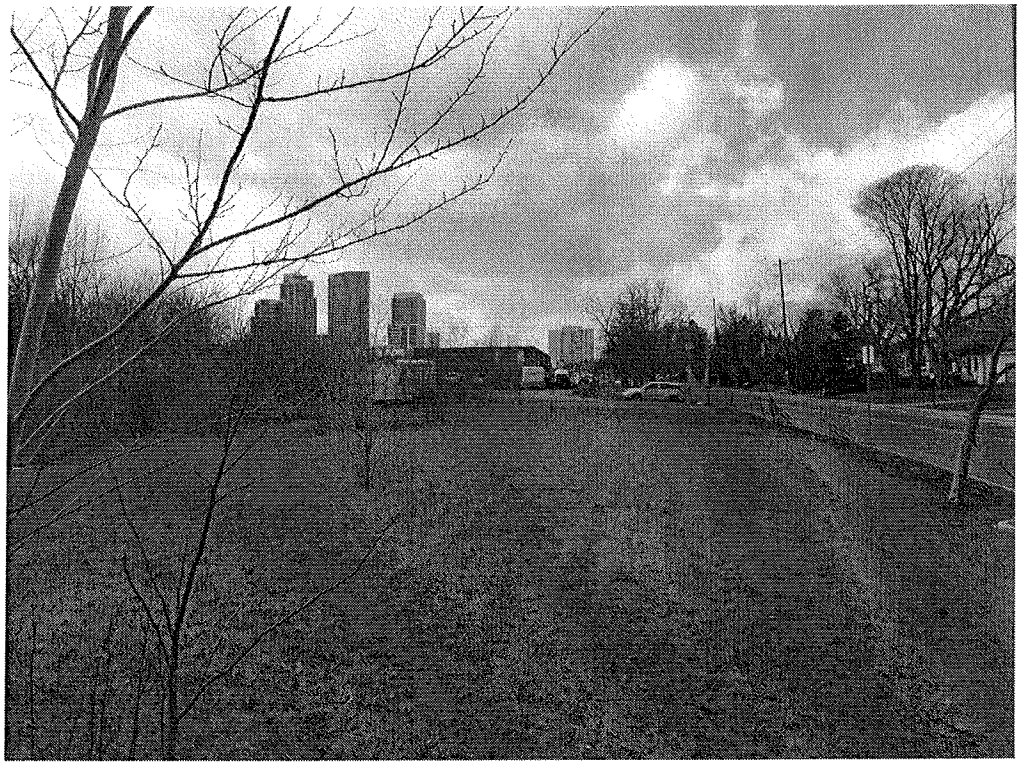
PATRIOT ENGINEERING LTD.
Consulting Engineers

Project: 37110

Figure: 6

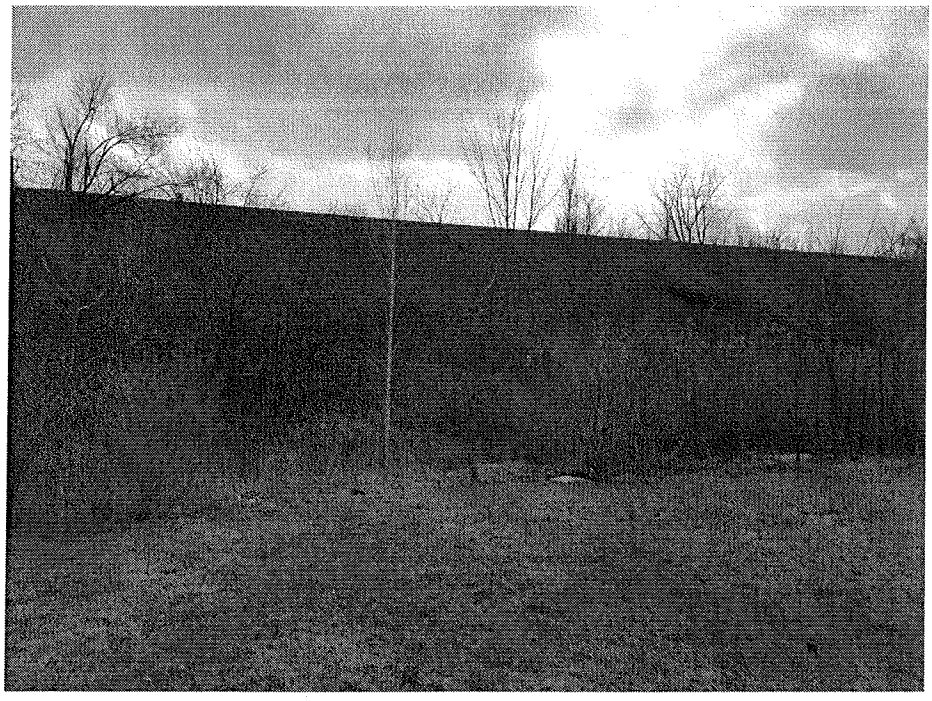
APPENDIX A

SITE PHOTOGRAPHS
PROPOSED EMS STATION
107 GLEN CAMERON ROAD
MARKHAM, ONTARIO



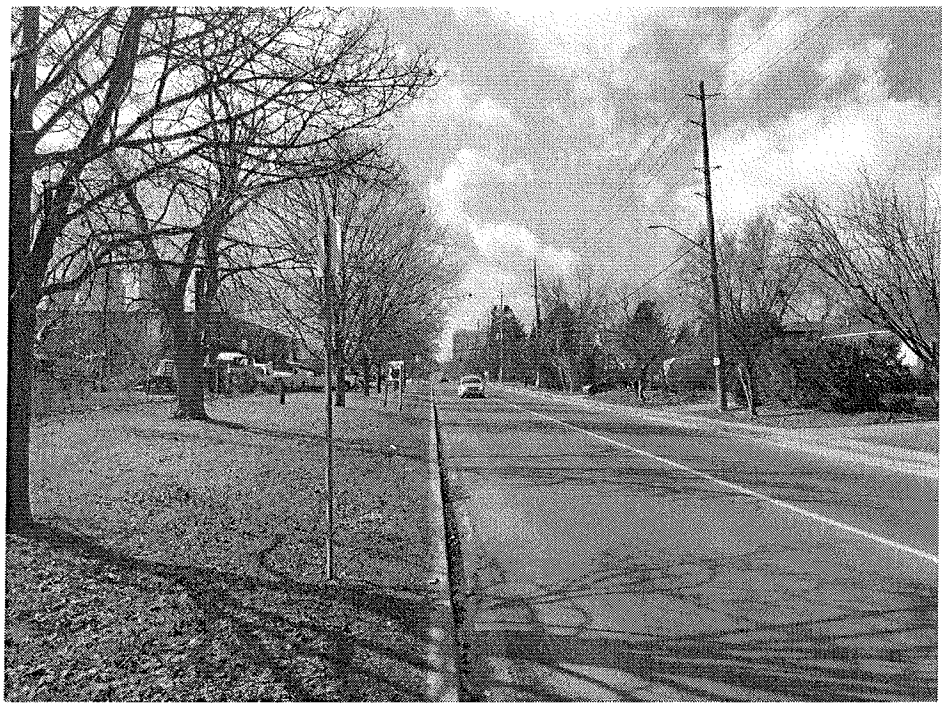
Photograph 1: View of the subject property

Photograph 2: View north of the property



Photograph 3: View south of the property

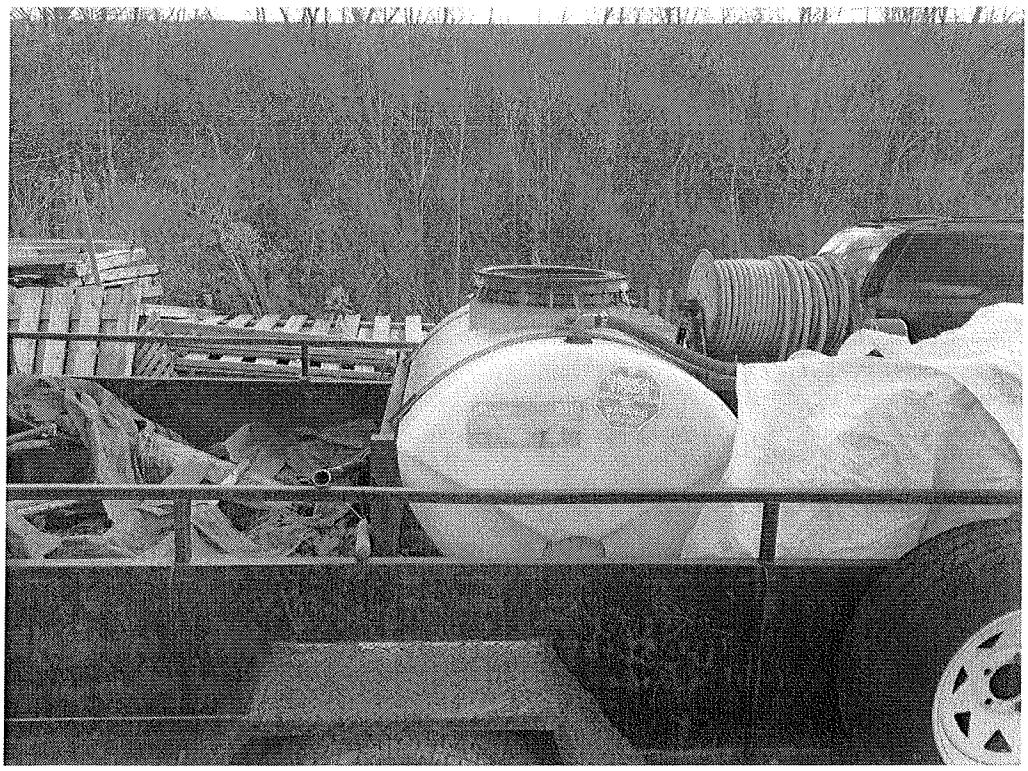
Photograph 4: View east along Glen Cameron Road



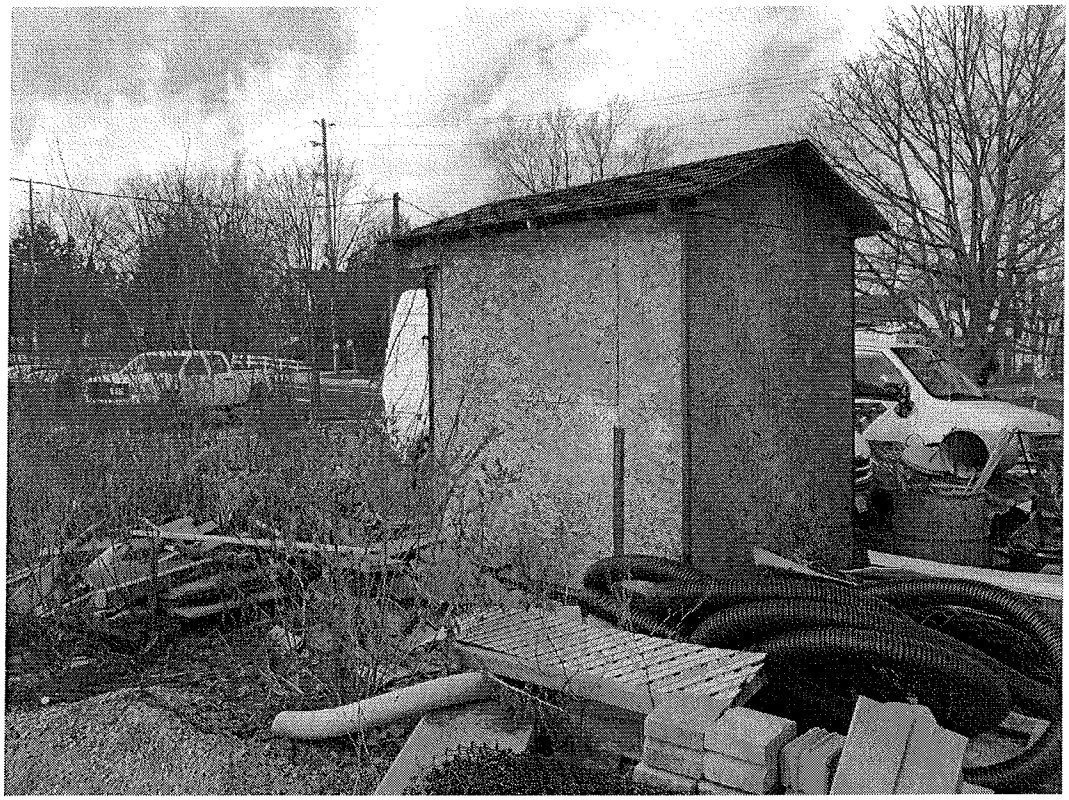
Photograph 5: View west along Glen Cameron Road

Photograph 6: View of landscaping equipment

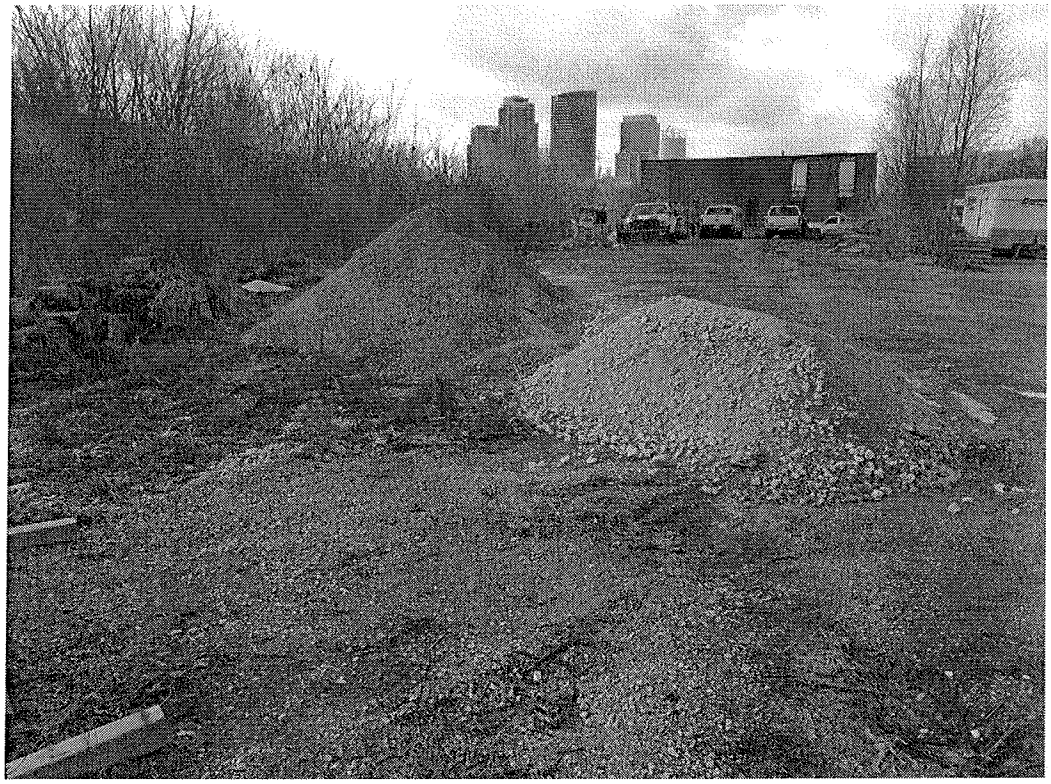
Photograph 7: View of snow plowing equipment and shipping container



Photograph 8: View of above ground pesticide tank on a trailer



Photograph 9: View of shed



Photograph 10: View of stockpiled material

APPENDIX B

ECOLOG ERIS REPORT
PROPOSED EMS STATION
107 GLEN CAMERON ROAD
MARKHAM, ONTARIO

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*107 Glen Cameron Road, Markham, Ontario* *107 Glen Cameron Road* *Markham ON*
Project No:	
Report Type:	*Standard Report*
Order No:	*20170208077*
Requested by:	*Patriot Engineering Ltd.*
Date Completed:	*February 15, 2017*

Environmental Risk Information Services
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property:		*107 Glen Cameron Road, Markham, Ontario* *107 Glen Cameron Road Markham ON*
Project No:		
Coordinates:		
	Latitude:	*43.807345*
	Longitude:	*-79.411851*
	UTM Northing:	*4,851,701.17*
	UTM Easting:	*627,740.47*
	UTM Zone:	*UTM Zone 17T*
Elevation:		*549 FT* *167.44 M*

Order Information:

Order No:	*20170208077*
Date Requested:	*February 8, 2017*
Requested by:	*Patriot Engineering Ltd.*
Report Type:	*Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	*Abandoned Aggregate Inventory*	Y	0	0	0
AGR	*Aggregate Inventory*	Y	0	0	0
AMIS	*Abandoned Mine Information System*	Y	0	0	0
ANDR	*Anderson's Waste Disposal Sites*	Y	0	0	0
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	0	0
CA	*Certificates of Approval*	Y	0	2	2
CFOT	*Commercial Fuel Oil Tanks*	Y	0	0	0
CHEM	*Chemical Register*	Y	0	0	0
CNG	*Compressed Natural Gas Stations*	Y	0	0	0
COAL	*Inventory of Coal Gasification Plants and Coal Tar Sites*	Y	0	0	0
CONV	*Compliance and Convictions*	Y	0	0	0
CPU	*Certificates of Property Use*	Y	0	0	0
DRL	*Drill Hole Database*	Y	0	0	0
EASR	*Environmental Activity and Sector Registry*	Y	0	0	0
EBR	*Environmental Registry*	Y	0	2	2
ECA	*Environmental Compliance Approval*	Y	0	0	0
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	2	2
EIIS	*Environmental Issues Inventory System*	Y	0	0	0
EMHE	*Emergency Management Historical Event*	Y	0	0	0
EXP	*List of TSSA Expired Facilities*	Y	0	10	10
FCON	*Federal Convictions*	Y	0	0	0
FCS	*Contaminated Sites on Federal Land*	Y	0	0	0
FOFT	*Fisheries & Oceans Fuel Tanks*	Y	0	0	0
FST	*Fuel Storage Tank*	Y	0	1	1
FSTH	*Fuel Storage Tank - Historic*	Y	0	2	2
GEN	*Ontario Regulation 347 Waste Generators Summary*	Y	0	34	34
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	1	1
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0
INC	*TSSA Incidents*	Y	0	1	1
LIMO	*Landfill Inventory Management Ontario*	Y	0	0	0
MINE	*Canadian Mine Locations*	Y	0	0	0
MNR	*Mineral Occurrences*	Y	0	0	0
NATE	*National Analysis of Trends in Emergencies System (NATES)*	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
NCPL	*Non-Compliance Reports*	Y	0	0	0
NDFT	*National Defense & Canadian Forces Fuel Tanks*	Y	0	0	0
NDSP	*National Defense & Canadian Forces Spills*	Y	0	0	0
NDWD	*National Defence & Canadian Forces Waste Disposal Sites*	Y	0	0	0
NEBW	*National Energy Board Wells*	Y	0	0	0
NEES	*National Environmental Emergencies System (NEES)*	Y	0	0	0
NPCB	*National PCB Inventory*	Y	0	0	0
NPRI	*National Pollutant Release Inventory*	Y	0	0	0
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	14	14
PINC	*TSSA Pipeline Incidents*	Y	0	0	0
PRT	*Private and Retail Fuel Storage Tanks*	Y	0	4	4
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	1	1
SCT	*Scott's Manufacturing Directory*	Y	0	12	12
SPL	*Ontario Spills*	Y	0	7	7
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	0	7	7
		Total:	0	100	100

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 27 con 1 ON	S/26.2	1.44	21
2	EHS		South of 107-111 Glen Cameron Road Markham ON	ESE/41.3	1.50	23
3	SCT	Tekno Plastics	103 Glen Cameron Rd Thornhill ON L3T 1N8	W/41.3	0.08	23
3	SCT	Plastic Components (1987)	103 Glen Cameron Rd Thornhill ON L3T 1N8	W/41.3	0.08	23
3	SCT	Carousel Plastics Ltd.	103 Glen Cameron Rd Thornhill ON L3T 1N8	W/41.3	0.08	24
4	PES	GREEN CARE	112 GLENCAMERON ROAD THORNHILL ON L3T 1P8	NNE/62.0	-2.63	24
5	CA	LINWOOD INDUSTRIES LTD.	95 GLEN CAMERON ROAD,THORNHILL MARKHAM TOWN ON	WSW/87.9	0.46	24
5	EBR	Linwood Industries Ltd	95 Glen Cameron Road Town of Markham ON	WSW/87.9	0.46	24
6	GEN	ADMIC CONTROLS	97 GLEN CAMERON ROAD MARKHAM ON L3T 1N8	WSW/88.9	1.26	25
6	SCT	ADAPTIVE MICROELECTRONICS LTD.	97 GLEN CAMERON RD THORNHILL ON L3T 1N8	WSW/88.9	1.26	25
6	SCT	Admic Energy	97 Glen Cameron Rd Thornhill ON L3T 1N8	WSW/88.9	1.26	26
7	EBR	Hokkaido Koyama Ltd.	9395 Glen Cameron Road Markham Regional Municipality of York L3T 1N8 TOWN OF MARKHAM ON	WSW/114.1	0.44	26
8	CA	AUTOCARS NORTH (1983) INC.	93 GLEN CAMERON RD., THORNHILL MARKHAM TOWN ON	WSW/132.7	1.37	2
9	PES	NEIGHBOURHOOD WEED CONTROL	124 GLEN CAMERON ROAD THORNHILL ON L3T 1P8	ENE/145.2	-1.52	26
10	GEN	KP GRAPHICS	89 Glen Cameron Road Thornhill ON	WSW/153.2	1.40	26
10	GEN	ROI Marketing Limited	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW/153.2	1.40	27
11	WWIS		lot 29 con 1 ON	NNW/156.3	-4.47	27
12	PES	482235 ONTARIO LTD./FOREST HILL LANDSCAPING	104 MORGAN AVENUE THORNHILL ON L3T 1R7	NW/157.7	-3.74	2
12	PES	482235 ONTARIO LTD O/A FOREST HILL LANDSCAPING	104 MORGAN AVE THORNHILL ON L3T 1R7	NW/157.7	-3.74	29
12	PES	482235 ONT LTD/FOREST HILL LANDSCAPING & GARDENING	104 MORGAN AVE THORNHILL ON L3T 1R7	NW/157.7	-3.74	30
12	PES	482235 ONT LTD/FOREST HILL LANDSCAPING & GARDENING	104 MORGAN AVE THORNHILL ON L3T 1R7	NW/157.7	-3.74	30
13	PES	482235 ONT LTD O/A FOREST HILL LANDSCAPING & GARDENING	104 MORGAN AVE THORNHILL ON L3T1R7	NNW/158.7	-3.70	30
14	GEN	KP GRAPHICS	89 GLEN CAMERON ROAD THORNHILL ON L3T 1N8	WSW/165.4	1.17	30

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
14	GEN	KP GRAPHICS 23-498	89 GLEN CAMERON ROAD THORNHILL ON L3T 1N8	WSW/165.4	1.17	30
14	GEN	ROI Marketing Limited	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW/165.4	1.17	31
14	GEN	KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW/165.4	1.17	31
14	GEN	KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW/165.4	1.17	31
14	GEN	KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW/165.4	1.17	32
14	GEN	KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW/165.4	1.17	32
14	SCT	K P GRAPHICS	89 GLEN CAMERON RD THORNHILL ON L3T 1N8	WSW/165.4	1.17	33
14	SCT	K. P. GRAPHICS	89 GLEN CAMERON RD THORNHILL ON L3T 1N8	WSW/165.4	1.17	33
14	SCT	KP GRAPHICS	89 Glen Cameron Rd Thornhill ON L3T 1N8	WSW/165.4	1.17	33
15	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON	S/167.3	1.69	33
15	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/167.3	1.69	34
16	EHS		120 Doncaster Avenue Thornhill ON L3T 1L3	S/169.4	1.47	34
17	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S/180.4	1.36	35
17	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S/180.4	1.36	35
17	FST	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S/180.4	1.36	35
18	GEN	LEWICKI TRANSPORTATION INC. 24-916	134 DONCASTER AVENUE, UNIT #2 THORNHILL ON L3T 1L3	SSE/182.7	0.43	35
18	GEN	LEWICKI TRANSPORTATION INC.	134 DONCASTER AVENUE, UNIT 2 THORNHILL ON L3T 1L3	SSE/182.7	0.43	36
18	PES	AIR GUARD PEST CONTROL	134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	SSE/182.7	0.43	36
18	PES	BANEX SERVICES	134 DONCASTER AVENUE UNIT 10 THORNHILL ON L3T 1L3	SSE/182.7	0.43	36
18	PES	BURLINGTON PEST CONTROL	134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	SSE/182.7	0.43	36
18	PES	HAMILTON PEST CONTROL	134 DONCASTER AVENUE. UNIT 9 THORNHILL ON L3T 1L3	SSE/182.7	0.43	36
18	PES	POULIN'S EXTERMINATION	134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	SSE/182.7	0.43	37
18	RST	LEO'S AUTO SERVICE CENTRE	134 DONCASTER AVE THORNHILL ON L3T 1L3	SSE/182.7	0.43	37
18	SCT	B.J. WICKES	134 DONCASTER AVE THORNHILL ON L3T 1L3	SSE/182.7	0.43	37
19	GEN	PHOTOVAC INC. (OUT OF BUS)	UNIT #10 (MANUFACTURING) 140 DONCASTER AVENUE THORNHILL ON L3T 1L3	SE/189.2	0.49	37
19	GEN	PHOTOVAC INC. (OUT OF BUS) 31-343	UNIT #10 (MANUFACTURING) 140 DONCASTER AVENUE THORNHILL ON L3T 1L3	SE/189.2	0.49	38

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	SCT	Aunt Sarah's Specialties Ltd.	140 Doncaster Ave Unit 1 Thornhill ON L3T 1L3	SE/189.2	0.49	38
19	SCT	CA-IL COMPANY LTD.	140 Doncaster Ave Unit 6 Thornhill ON L3T 1L3	SE/189.2	0.49	38
20	SPL	OVERLAND EXPRESS	83 GLEN CAMERON RD TRANSPORT TRUCK (CARGO) MARKHAM TOWN ON	WSW/195.6	0.76	38
21	SPL	UNKNOWN	CREK AT PROCTOR AVE AND DONCASTER, 600 YARDS EAST OF INTERSECTION. MARKHAM TOWN ON	E/197.8	2.23	39
22	WWIS		lot 27 con 1 ON	SE/198.3	0.09	39
23	INC		131 MORGAN AVE, MARKHAM ON	NE/201.3	-6.14	41
24	SPL		southwest corner of Proctor and Henderson - 89 Henderson Ave. Markham ON	E/202.0	2.61	42
25	EXP	TRAVELWAY (LAIDLAW)	120 DONCASTER AV THORNHILL ON	S/204.2	0.92	43
25	EXP	SUPERIOR PROPANE ATTN WARREN HAYES	120 DONCASTER AV THORNHILL ON	S/204.2	0.92	43
25	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON	S/204.2	0.92	43
25	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S/204.2	0.92	43
25	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S/204.2	0.92	43
25	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON	S/204.2	0.92	44
25	EXP	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON	S/204.2	0.92	44
25	EXP	TRAVELWAY (LAIDLAW)	120 DONCASTER AV THORNHILL ON	S/204.2	0.92	44
25	FSTH	LAIDLAW TRANSIT LTD	120 DONCASTER AV MARKHAM ON	S/204.2	0.92	44
25	FSTH	LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S/204.2	0.92	45
25	GEN	LAIDLAW TRANSIT LTD.	120 DONCASTER AVE. THORNHILL ON L3T 1L3	S/204.2	0.92	45
25	GEN	LAIDLAW TRANSIT LTD.	120 DONCASTER AVE. THORNHILL C/O 30 HERITAGE ROAD MARKHAM ON L3T 1L3	S/204.2	0.92	46
25	GEN	LAIDLAW TRANSIT LTD.	120 DONCASTER AVENUE MARKHAM ON L3T 1L3	S/204.2	0.92	46
25	GEN	LAIDLAW TRANSIT LTD. 24-541	120 DONCASTER AVE. THORNHILL C/O 30 HERITAGE ROAD MARKHAM ON L3T 1L3	S/204.2	0.92	46
25	GEN	LAIDLAW TRANSIT LTD. 24-541	120 DONCASTER AVENUE MARKHAM ON L3T 1L3	S/204.2	0.92	47
25	GEN	CAN-AR COACH SERVICE	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	47
25	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	47
25	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
25	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	48
25	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	49
25	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	49
25	GEN	FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S/204.2	0.92	50
25	HINC		120 DONCASTER AVENUE MARKHAM ON	S/204.2	0.92	50
25	PRT	TRAVELWAY (LAIDLAW)	120 DONCASTER AV MARKHAM ON	S/204.2	0.92	51
25	PRT	ICG PROPANE ATTN BILL BIRD	120 DONCASTER AV MARKHAM ON	S/204.2	0.92	51
25	PRT	ICG PROPANE ATTN BILL BIRD	120 DONCASTER AV MARKHAM ON	S/204.2	0.92	51
25	PRT	LAIDLAW TRANSIT LTD	120 DONCASTER AV MARKHAM ON	S/204.2	0.92	51
25	SPL	LAIDLAW BUS LINES	SCHOOL BUS DEPOT AT 120 DONCASTER AVE, STORAGE TANK VAUGHAN CITY ON	S/204.2	0.92	51
25	SPL	Laidlaw Transit Company<UNOFFICIAL>	120 Doncaster Avenue, Thornhill Markham ON	S/204.2	0.92	52
25	SPL	First Student Canada	120 Doncaster Ave Markham ON	S/204.2	0.92	52
26	WWIS		lot 28 con 1 ON	NNW/209.9	-6.42	53
27	SCT	Park Plastic Products Ltd.	81 Glen Cameron Rd Floor 1 Thornhill ON L3T 1N8	WSW/226.5	1.45	55
28	PES	GREENFIELD LAWN CARE & LANDSCAPING INC	111 HENDERSON AVE THORNHILL ON L3T 2L3	ENE/227.1	-4.09	55
28	PES	GREENFIELD LAWN CARE & LANDSCAPING INC	111 HENDERSON AVE THORNHILL ON L3T 2L3	ENE/227.1	-4.09	55
29	SPL	Enbridge Gas Distribution Inc.	115 Henderson, Thornhill Vaughan ON	NE/227.2	-6.87	56
30	GEN	Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E/234.1	1.84	56
30	GEN	Doncaster A.C. OPB Cumberbatch Veterinary P.C.	99 Henderson Avenue Thornhill ON L3T 2K9	E/234.1	1.84	56
30	GEN	Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E/234.1	1.84	57
30	GEN	Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E/234.1	1.84	57
30	GEN	Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E/234.1	1.84	57
30	GEN	Doncaster Steeles Veterinary Prof. Corporation	99 Henderson Avenue Thornhill ON L3T 2K9	E/234.1	1.84	58
31	WWIS		lot 28 con 1 ON	ENE/235.5	-5.85	58
32	WWIS		lot 28 con 1 ON	ENE/244.0	-4.08	60
33	WWIS		lot 27 con 1 ON	E/248.4	2.54	63

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LINWOOD INDUSTRIES LTD.	95 GLEN CAMERON ROAD,THORNHILL MARKHAM TOWN ON	WSW	87.93	5
AUTOCARS NORTH (1983) INC.	93 GLEN CAMERON RD., THORNHILL MARKHAM TOWN ON	WSW	132.69	8

EBR - Environmental Registry

A search of the EBR database, dated 1994-Dec 2016 has found that there are 2 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Linwood Industries Ltd	95 Glen Cameron Road Town of Markham ON	WSW	87.93	5
Hokkaido Koyama Ltd.	9395 Glen Cameron Road Markham Regional Municipality of York L3T 1N8 TOWN OF MARKHAM ON	WSW	114.09	7

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 2016 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	South of 107-111 Glen Cameron Road Markham ON	ESE	41.27	2
	120 Doncaster Avenue Thornhill ON L3T 1L3	S	169.38	16

EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Oct 31, 2016 has found that there are 10 EXP site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S	180.39	17
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S	180.39	17

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON	S	204.18	25
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON	S	204.18	25
TRAVELWAY (LAIDLAW)	120 DONCASTER AV THORNHILL ON	S	204.18	25
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON	S	204.18	25
SUPERIOR PROPANE ATTN WARREN HAYES	120 DONCASTER AV THORNHILL ON	S	204.18	25
TRAVELWAY (LAIDLAW)	120 DONCASTER AV THORNHILL ON	S	204.18	25

FST - Fuel Storage Tank

A search of the FST database, dated Oct 31, 2016 has found that there are 1 FST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S	180.39	17

FSTH - Fuel Storage Tank - Historic

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LAIDLAW TRANSIT LTD	120 DONCASTER AV THORNHILL ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD	120 DONCASTER AV MARKHAM ON	S	204.18	25

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Sep 2016 has found that there are 34 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ADMIC CONTROLS	97 GLEN CAMERON ROAD MARKHAM ON L3T 1N8	WSW	88.89	6
ROI Marketing Limited	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW	153.25	10

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
KP GRAPHICS	89 Glen Cameron Road Thornhill ON	WSW	153.25	10
KP GRAPHICS	89 GLEN CAMERON ROAD THORNHILL ON L3T 1N8	WSW	165.41	14
KP GRAPHICS 23-498	89 GLEN CAMERON ROAD THORNHILL ON L3T 1N8	WSW	165.41	14
ROI Marketing Limited	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW	165.41	14
KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW	165.41	14
KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW	165.41	14
KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW	165.41	14
KP GRAPHICS	89 Glen Cameron Road Thornhill ON L3T 1N8	WSW	165.41	14
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON	S	167.26	15
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	167.26	15
LEWICKI TRANSPORTATION INC. 24-916	134 DONCASTER AVENUE, UNIT #2 THORNHILL ON L3T 1L3	SSE	182.74	18
LEWICKI TRANSPORTATION INC.	134 DONCASTER AVENUE, UNIT 2 THORNHILL ON L3T 1L3	SSE	182.74	18
PHOTOVAC INC. (OUT OF BUS)	UNIT #10 (MANUFACTURING) 140 DONCASTER AVENUE THORNHILL ON L3T 1L3	SE	189.17	19
PHOTOVAC INC. (OUT OF BUS) 31-343	UNIT #10 (MANUFACTURING) 140 DONCASTER AVENUE THORNHILL ON L3T 1L3	SE	189.17	19
LAIDLAW TRANSIT LTD.	120 DONCASTER AVE. THORNHILL ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD.	120 DONCASTER AVE. THORNHILL C/O 30 HERITAGE ROAD MARKHAM ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD.	120 DONCASTER AVENUE MARKHAM ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD. 24-541	120 DONCASTER AVE. THORNHILL C/O 30 HERITAGE ROAD MARKHAM ON L3T 1L3	S	204.18	25
LAIDLAW TRANSIT LTD. 24-541	120 DONCASTER AVENUE MARKHAM ON L3T 1L3	S	204.18	25
CAN-AR COACH SERVICE	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25
FirstCanada ULC	120 DONCASTER AVENUE THORNHILL ON L3T 1L3	S	204.18	25
Doncaster Steeles Veterinary Prof. Corporation	99 Henderson Avenue Thornhill ON L3T 2K9	E	234.10	30
Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E	234.10	30
Doncaster A.C. OPB Cumberbatch Veterinary P.C.	99 Henderson Avenue Thornhill ON L3T 2K9	E	234.10	30
Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E	234.10	30
Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E	234.10	30
Landmark Pet Incorporated	99 Henderson Avenue Thornhill ON L3T 2K9	E	234.10	30

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	120 DONCASTER AVENUE MARKHAM ON	S	204.18	25

INC - TSSA Incidents

A search of the INC database, dated Oct 31, 2016 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
	131 MORGAN AVE, MARKHAM ON	NE	201.26	23

PES - Pesticide Register

A search of the PES database, dated 1988-Oct 2016 has found that there are 14 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
AIR GUARD PEST CONTROL	134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	SSE	182.74	18
BANEX SERVICES	134 DONCASTER AVENUE UNIT 10 THORNHILL ON L3T 1L3	SSE	182.74	18
BURLINGTON PEST CONTROL	134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	SSE	182.74	18

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
HAMILTON PEST CONTROL	134 DONCASTER AVENUE. UNIT 9 THORNHILL ON L3T 1L3	SSE	182.74	18
POULIN'S EXTERMINATION	134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	SSE	182.74	18

Lower Elevation	Address	Direction	Distance (m)	Map Key
GREEN CARE	112 GLENCAMERON ROAD THORNHILL ON L3T 1P8	NNE	62.03	4
NEIGHBOURHOOD WEED CONTROL	124 GLEN CAMERON ROAD THORNHILL ON L3T 1P8	ENE	145.19	9
482235 ONTARIO LTD./FOREST HILL LANDSCAPING	104 MORGAN AVENUE THORNHILL ON L3T 1R7	NW	157.75	12
482235 ONTARIO LTD O/A FOREST HILL LANDSCAPING	104 MORGAN AVE THORNHILL ON L3T 1R7	NW	157.75	12
482235 ONT LTD/FOREST HILL LANDSCAPING & GARDENING	104 MORGAN AVE THORNHILL ON L3T 1R7	NW	157.75	12
482235 ONT LTD/FOREST HILL LANDSCAPING & GARDENING	104 MORGAN AVE THORNHILL ON L3T 1R7	NW	157.75	12
482235 ONT LTD O/A FOREST HILL LANDSCAPING & GARDENING	104 MORGAN AVE THORNHILL ON L3T1R7	NNW	158.66	13
GREENFIELD LAWN CARE & LANDSCAPING INC	111 HENDERSON AVE THORNHILL ON L3T 2L3	ENE	227.09	28
GREENFIELD LAWN CARE & LANDSCAPING INC	111 HENDERSON AVE THORNHILL ON L3T 2L3	ENE	227.09	28

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 4 PRT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
ICG PROPANE ATTN BILL BIRD	120 DONCASTER AV MARKHAM ON	S	204.18	25
LAIDLAW TRANSIT LTD	120 DONCASTER AV MARKHAM ON	S	204.18	25
ICG PROPANE ATTN BILL BIRD	120 DONCASTER AV MARKHAM ON	S	204.18	25
TRAVELWAY (LAIDLAW)	120 DONCASTER AV MARKHAM ON	S	204.18	25

RST - Retail Fuel Storage Tanks

A search of the RST database, dated Oct 31, 2016 has found that there are 1 RST site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
LEO'S AUTO SERVICE CENTRE	134 DONCASTER AVE THORNHILL ON L3T 1L3	SSE	182.74	18

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 12 SCT site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Tekno Plastics	103 Glen Cameron Rd Thornhill ON L3T 1N8	W	41.30	3
Plastic Components (1987)	103 Glen Cameron Rd Thornhill ON L3T 1N8	W	41.30	3
Carousel Plastics Ltd.	103 Glen Cameron Rd Thornhill ON L3T 1N8	W	41.30	3
ADAPTIVE MICROELECTRONICS LTD.	97 GLEN CAMERON RD THORNHILL ON L3T 1N8	WSW	88.89	6
Admic Energy	97 Glen Cameron Rd Thornhill ON L3T 1N8	WSW	88.89	6
KP GRAPHICS	89 Glen Cameron Rd Thornhill ON L3T 1N8	WSW	165.41	14
K. P. GRAPHICS	89 GLEN CAMERON RD THORNHILL ON L3T 1N8	WSW	165.41	14
K P GRAPHICS	89 GLEN CAMERON RD THORNHILL ON L3T 1N8	WSW	165.41	14
B.J. WICKES	134 DONCASTER AVE THORNHILL ON L3T 1L3	SSE	182.74	18
CA-IL COMPANY LTD.	140 Doncaster Ave Unit 6 Thornhill ON L3T 1L3	SE	189.17	19
Aunt Sarah's Specialties Ltd.	140 Doncaster Ave Unit 1 Thornhill ON L3T 1L3	SE	189.17	19
Park Plastic Products Ltd.	81 Glen Cameron Rd Floor 1 Thornhill ON L3T 1N8	WSW	226.49	27

SPL - Ontario Spills

A search of the SPL database, dated 1988-Dec 2016 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
OVERLAND EXPRESS	83 GLEN CAMERON RD TRANSPORT TRUCK (CARGO) MARKHAM TOWN ON	WSW	195.60	20
UNKNOWN	CREK AT PROCTOR AVE AND DONCASTER, 600 YARDS EAST OF INTERSECTION. MARKHAM TOWN ON	E	197.85	21
	southwest corner of Proctor and Henderson - 89 Henderson Ave. Markham ON	E	202.00	24

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
First Student Canada	120 Doncaster Ave Markham ON	S	204.18	25
Laidlaw Transit Company<UNOFFICIAL>	120 Doncaster Avenue, Thornhill Markham ON	S	204.18	25
LAIDLAW BUS LINES	SCHOOL BUS DEPOT AT 120 DONCASTER AVE, STORAGE TANK VAUGHAN CITY ON	S	204.18	25

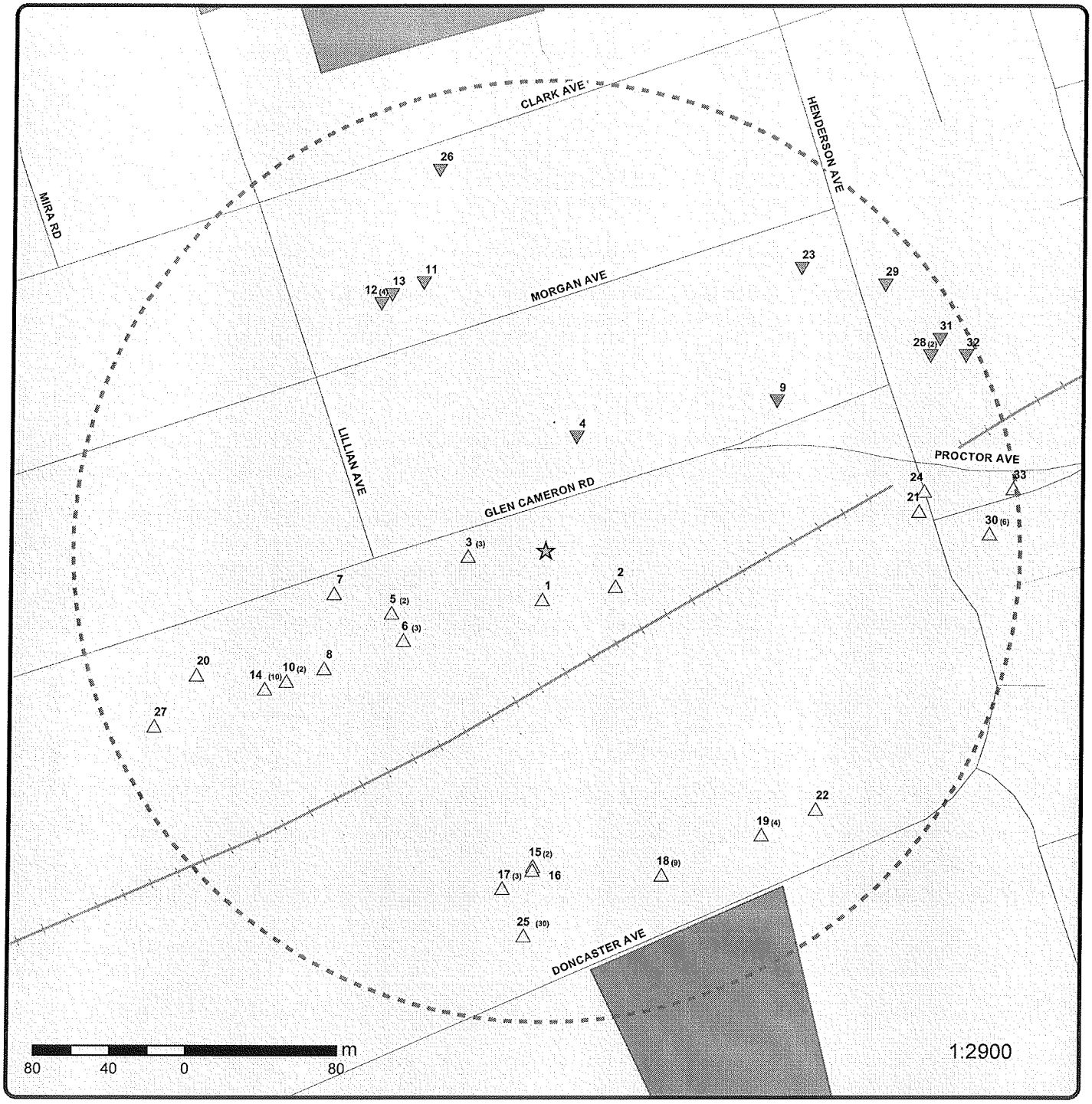
Lower Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	115 Henderson, Thornhill Vaughan ON	NE	227.22	29

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30, 2016 has found that there are 7 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 27 con 1 ON	S	26.22	1
	lot 27 con 1 ON	SE	198.32	22
	lot 27 con 1 ON	E	248.41	33

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 29 con 1 ON	NNW	156.30	11
	lot 28 con 1 ON	NNW	209.94	26
	lot 28 con 1 ON	ENE	235.48	31
	lot 28 con 1 ON	ENE	243.97	32



Map : 0.25 Kilometer Radius

Order No: 20170208077

Address: 107 Glen Cameron Road, Markham, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Source: © 2015 DMTI Spatial Inc.

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79°24'W

Aerial

Order No: 20170208077

Address: 107 Glen Cameron Road, Markham, ON

Source: ESRI World Imagery

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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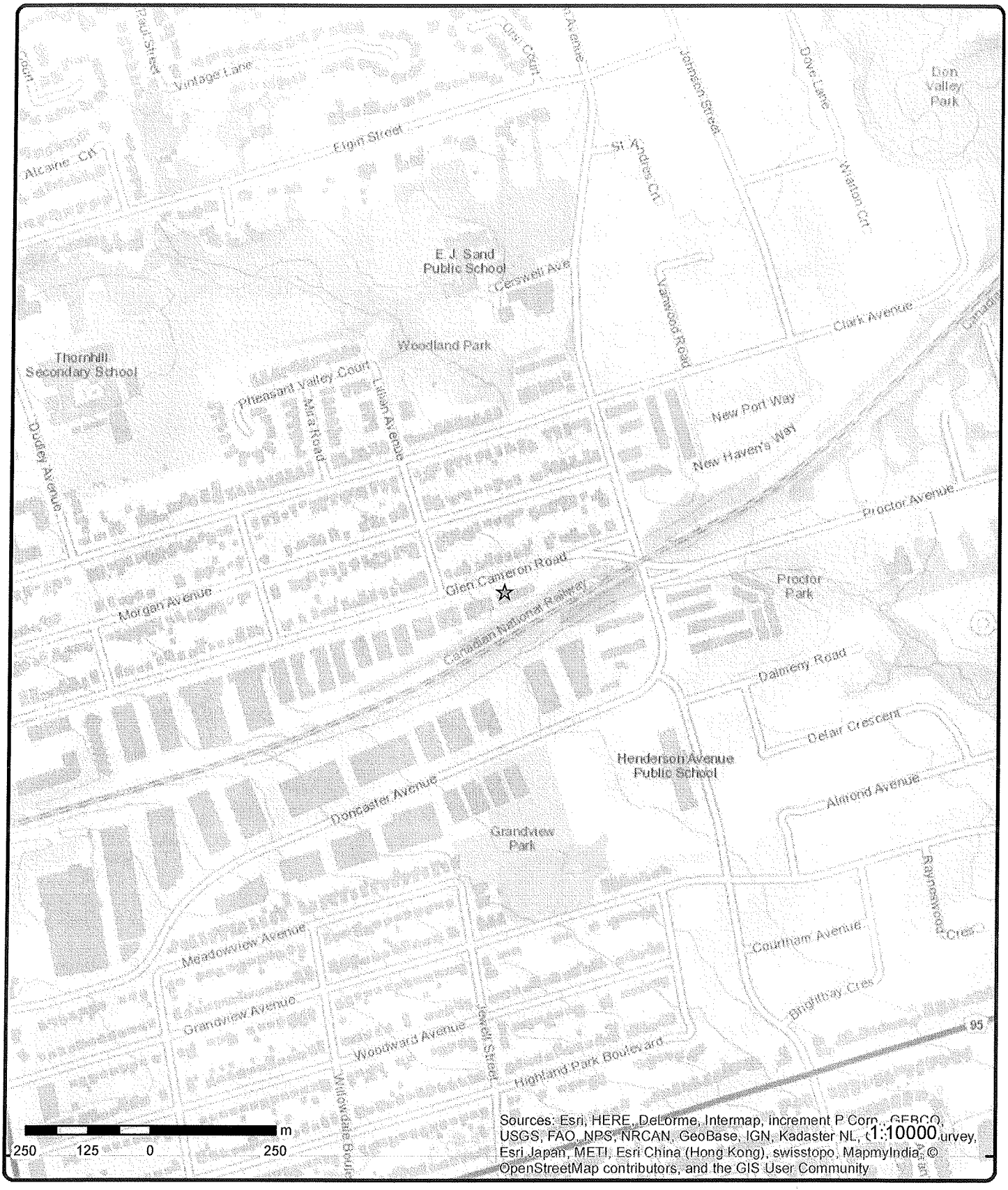

Topographic Map

Order No: 20170208077

Address: 107 Glen Cameron Road, Markham, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	S/26.2	168.9	lot 27 con 1 ON	WWIS

Well ID:	6902688	**Lot:**	027
Construction Date::		**Concession:**	01
Primary Water Use::	Domestic	**Concession Name:**	YS E
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	MARKHAM TOWN (MARKHAM TWP)	**UTM Reliability::**	
County:	YORK		

Bore Hole Information

--	--
Bore Hole ID:	10493420
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	12-JUL-52
Remarks:	
Zone:	17
East 83:	627738.8
North 83:	4851675
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	p9
Org CS:	
Elevation:	164.2
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	932716097
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft
--	--
Formation ID:	932716098
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	

Other Materials:	
Formation Top Depth:	14
Formation End Depth:	61
Formation End Depth UOM:	ft
--	--
Formation ID:	932716099
Layer:	3
General Color:	WHITE
Most Common Material:	MEDIUM SAND
Other Materials:	COARSE SAND
Other Materials:	
Formation Top Depth:	61
Formation End Depth:	68
Formation End Depth UOM:	ft
--	--
Formation ID:	932716100
Layer:	4
General Color:	
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	68
Formation End Depth:	72
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902688
Method Construction Code:	8
Method Construction:	Jetting
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11041990
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930805635
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933387109
Layer:	1
Slot:	010
Screen Top Depth:	64
Screen End Depth:	68
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Well Yield Testing	
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Test ID:		996902688			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933986394			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		61			
Water Found Depth UOM:		ft			
--		--			
--		--			
2	*1 of 1*	*ESE/41.3*	*168.9*	***South of 107-111 Glen Cameron Road Markham ON***	*EHS*
Postal Code:					
City:					
Address2:					
Address1:					
Provstate:					
Order No.:		20061106004			
Addit. Info Ordered::					
Report Date:		11/14/2006			
Report Type:		Complete Report			
Search Radius (km):		0.25			
3	*1 of 3*	*W/41.3*	*167.5*	***Tekno Plastics 103 Glen Cameron Rd Thornhill ON L3T 1N8***	*SCT*
Established:		01-JUN-73			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		All Other Plastic Product Manufacturing			
SIC/NAICS Code:		326198			
3	*2 of 3*	*W/41.3*	*167.5*	***Plastic Components (1987) 103 Glen Cameron Rd Thornhill ON L3T 1N8***	*SCT*
Established:		01-AUG-73			
Plant Size (ft²):					
Employment:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

--Details--
Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
3	3 of 3	W/41.3	167.5	Carousel Plastics Ltd. 103 Glen Cameron Rd Thornhill ON L3T 1N8	SCT

Established: 01-AUG-73
Plant Size (ft²): 10000
Employment:

--Details--
Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
4	1 of 1	NNE/62.0	164.8	GREEN CARE 112 GLENCAMERON ROAD THORNHILL ON L3T 1P8	PES

Detail Licence No.:
Licence Type: Operator

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	1 of 2	WSW/87.9	167.9	LINWOOD INDUSTRIES LTD. 95 GLEN CAMERON ROAD,THORNHILL MARKHAM TOWN ON	CA

Certificate #: 8-3552-96-
Application Year: 96
Issue Date: 2/13/1997
Approval Type: Industrial air
Status:
Application Type:
Client Name::
Client Address::
Client City::
Client Postal Code::
Project Description:: PAINT SPRAY BOOTH FOR AUTO BODY SHOP
Contaminants:: Suspended Particulate Matter, Xylene, N-Butyl Acetate, Mineral Spirits Med., Propylene Glycolmonomethyl Ether Acetate,P.M.Ace., Methyl Ethyl Ketone (Butanone), Ethylene Glycol Butyl Ether Acetate (Butyl Cellosolve Acetate), Hexamethylene Di-Isocyanate Monomer
Emission Control:: Absorp. By Dry Collectors, No Controls

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
5	2 of 2	WSW/87.9	167.9	Linwood Industries Ltd 95 Glen Cameron Road Town of Markham ON	EBR

Company Name:
Notice Type: Instrument
EBR Registry No.: IA6E1778
Instrument Type: EPA s. 9 - Approval for discharge into the natural environment other than water (i.e. Air)
Year: 1996
Ministry Ref. No.:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Proposal Date:		12/10/96			
Location:		Town of Markham			
Proponent Address:		Linwood Industries Ltd.589 Sheppard Avenue East,North York, Ontario, M2K 1B4			
Notice Date:					
6	1 of 3	WSW/88.9	168.7	ADMIC CONTROLS 97 GLEN CAMERON ROAD MARKHAM ON L3T 1N8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON2503100			
Approval Yrs::		99,00,01			
SIC Code:		3081			
SIC Description:		MACHINE SHOP IND.			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
6	2 of 3	WSW/88.9	168.7	ADAPTIVE MICROELECTRONICS LTD. 97 GLEN CAMERON RD THORNHILL ON L3T 1N8	SCT
Established:		1974			
Plant Size (ft²):		5000			
Employment:		20			
--Details--					
Description:		FABRICATED PLATE WORK (BOILER SHOPS)			
SIC/NAICS Code:		3443			
Description:		RADIO AND TELEVISION BROADCASTING AND COMMUNICATIONS EQUIPMENT			
SIC/NAICS Code:		3663			
Description:		COMMUNICATIONS EQUIPMENT, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3669			
Description:		AUTOMATIC CONTROLS FOR REGULATING RESIDENTIAL AND COMMERCIAL ENVIRONMENTS AND APPLIANCES			
SIC/NAICS Code:		3822			
Description:		Power Boiler and Heat Exchanger Manufacturing			
SIC/NAICS Code:		332410			
Description:		Turbine and Turbine Generator Set Unit Manufacturing			
SIC/NAICS Code:		333611			
Description:		All Other General-Purpose Machinery Manufacturing			
SIC/NAICS Code:		333990			
Description:		Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing			
SIC/NAICS Code:		334220			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
6	3 of 3	WSW/88.9	168.7	Admic Energy 97 Glen Cameron Rd Thornhill ON L3T 1N8	SCT

Established:	1974
Plant Size (ft²):	5000
Employment:	20

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
7	1 of 1	WSW/114.1	167.9	Hokkaido Koyama Ltd. 9395 Glen Cameron Road Markham Regional Municipality of York L3T 1N8 TOWN OF MARKHAM ON	EBR

Company Name:	
Notice Type:	Instrument Decision
EBR Registry No.:	012-5939
Instrument Type:	(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)
Year:	2015
Ministry Ref. No.:	7844-A3GNJP
Proposal Date:	December 09, 2015
Location:	9395 Glen Cameron Road Markham Regional Municipality of York L3T 1N8 TOWN OF MARKHAM
Proponent Address:	9395 Glen Cameron Drive, Markham Ontario, Canada L3T 1N8
Notice Date:	September 01, 2016

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
8	1 of 1	WSW/132.7	168.8	AUTOCARS NORTH (1983) INC. 93 GLEN CAMERON RD., THORNHILL MARKHAM TOWN ON	CA

Certificate #:	8-3055-94-
Application Year:	94
Issue Date:	2/16/1994
Approval Type:	Industrial air
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	WASTE OIL FURNACE MODEL GV-2000X
Contaminants::	Nitrogen Oxides, Sulphur Dioxide, Methane (Incl. Hydrocarbons Expr. As Ch4, Suspended Particulate Matter
Emission Control::	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
9	1 of 1	ENE/145.2	165.9	NEIGHBOURHOOD WEED CONTROL 124 GLEN CAMERON ROAD THORNHILL ON L3T 1P8	PES

Detail Licence No.:	
Licence Type:	Operator

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
10	1 of 2	WSW/153.2	168.8	KP GRAPHICS 89 Glen Cameron Road Thornhill ON	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON1402900
Approval Yrs::	2013

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

SIC Code: 323114, 323115
SIC Description: QUICK PRINTING, DIGITAL PRINTING

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

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

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

10	2 of 2	WSW/153.2	168.8	ROI Marketing Limited 89 Glen Cameron Road Thornhill ON L3T 1N8	GEN

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON1402900
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

--Details--
Waste Code: 145 L
Waste Description: Wastes from the use of pigments, coatings and paints

Waste Code: 213 I
Waste Description: Petroleum distillates

Waste Code: 264 L
Waste Description: Photoprocessing wastes

11	1 of 1	NNW/156.3	163.0	lot 29 con 1 ON	WWIS

Well ID: 6902778
Construction Date::
Primary Water Use:: Domestic
Sec. Water Use::
Final Well Status:: Water Supply
Specific Capacity::
Municipality: MARKHAM TOWN (MARKHAM TWP)
County: YORK

Lot: 029
Concession: 01
Concession Name: YS E
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
--
Bore Hole ID: 10493509
DP2BR:
Code OB: o
Code OB Description: Overburden
Open Hole:
Date Completed: 29-JUN-55
Remarks:
Zone: 17
East 83: 627674.8
North 83: 4851843
UTMRC: 5
UTMRC Description: margin of error : 100 m - 300 m

Location Method:	p5
Org CS:	
Elevation:	162.61
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932716473
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft
--	--
Formation ID:	932716474
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	76
Formation End Depth UOM:	ft
--	--
Formation ID:	932716475
Layer:	3
General Color:	
Most Common Material:	GRAVEL
Other Materials:	
Other Materials:	
Formation Top Depth:	76
Formation End Depth:	84
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902778
Method Construction Code:	8
Method Construction:	Jetting
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11042079
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930805726
Layer:	1
Open Hole or Material:	STEEL
Depth From:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth To:		79			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
--		--			
--		--			
Construction Record - Screen					
--		--			
Screen ID:		933387189			
Layer:		1			
Slot:		010			
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
--		--			
Well Yield Testing					
--		--			
Pump Test ID:		996902778			
Pump Set At:					
Static Level:		26			
Final Level After Pumping:		74			
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
--		--			
Water Details					
--		--			
Water ID:		933986478			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		76			
Water Found Depth UOM:		ft			
--		--			
--		--			
12	*1 of 4*	*NW/157.7*	*163.7*	*482235 ONTARIO LTD./FOREST HILL LANDSCAPING* *104 MORGAN AVENUE* *THORNHILL ON L3T 1R7*	*PES*
Detail Licence No.:					
Licence Type:					
12	*2 of 4*	*NW/157.7*	*163.7*	*482235 ONTARIO LTD O/A FOREST HILL LANDSCAPING* *104 MORGAN AVE* *THORNHILL ON L3T 1R7*	*PES*
Detail Licence No.:		02-01-04989-0			
Licence Type:		Operator			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	3 of 4	NW/157.7	163.7	482235 ONT LTD/FOREST HILL LANDSCAPING & GARDENING 104 MORGAN AVE THORNHILL ON L3T 1R7	PES

Detail Licence No.:
Licence Type: Operator

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
12	4 of 4	NW/157.7	163.7	482235 ONT LTD/FOREST HILL LANDSCAPING & GARDENING 104 MORGAN AVE THORNHILL ON L3T 1R7	PES

Detail Licence No.: 02-01-06346-0
Licence Type: OPERATOR

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
13	1 of 1	NNW/158.7	163.7	482235 ONT LTD O/A FOREST HILL LANDSCAPING & GARDENING 104 MORGAN AVE THORNHILL ON L3T1R7	PES

Detail Licence No.:
Licence Type:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
14	1 of 10	WSW/165.4	168.6	KP GRAPHICS 89 GLEN CAMERON ROAD THORNHILL ON L3T 1N8	GEN

PO Box Num:
Status:
Country:
Generator #: ON1402900
Approval Yrs:: 90,99,00,01,02,03,04,05,06,07,08
SIC Code: 2821
SIC Description: PLATEMAKING, ETC.

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

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

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
14	2 of 10	WSW/165.4	168.6	KP GRAPHICS 23-498 89 GLEN CAMERON ROAD THORNHILL ON L3T 1N8	GEN

PO Box Num:
Status:
Country:
Generator #: ON1402900
Approval Yrs:: 92,93,94,95,96,97,98

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Code:		2821			
SIC Description:		PLATEMAKING, ETC.			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
14	3 of 10	WSW/165.4	168.6	ROI Marketing Limited 89 Glen Cameron Road Thornhill ON L3T 1N8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1402900			
Approval Yrs::		As of May 2015			
SIC Code:					
SIC Description:					
--Details--					
Waste Code:		213			
Waste Description:		Petroleum distillates			
Waste Code:		145			
Waste Description:		Wastes from the use of pigments, coatings and paints			
Waste Code:		264			
Waste Description:		Photoprocessing wastes			
14	4 of 10	WSW/165.4	168.6	KP GRAPHICS 89 Glen Cameron Road Thornhill ON L3T 1N8	GEN
PO Box Num:					
Status:					
Country:					
Generator #:		ON1402900			
Approval Yrs::		2009			
SIC Code:		323114, 323115			
SIC Description:		Quick Printing, Digital Printing			
--Details--					
Waste Code:		145			
Waste Description:		PAINT/PIGMENT/COATING RESIDUES			
Waste Code:		213			
Waste Description:		PETROLEUM DISTILLATES			
Waste Code:		264			
Waste Description:		PHOTOPROCESSING WASTES			
14	5 of 10	WSW/165.4	168.6	KP GRAPHICS 89 Glen Cameron Road Thornhill ON L3T 1N8	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

PO Box Num:
Status:
Country:
Generator #: ON1402900
Approval Yrs:: 2010
SIC Code: 323114, 323115
SIC Description: Quick Printing, Digital Printing

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

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

14	*6 of 10*	*WSW/165.4*	*168.6*	***KP GRAPHICS*** ***89 Glen Cameron Road*** ***Thornhill ON L3T 1N8***	*GEN*

PO Box Num:
Status:
Country:
Generator #: ON1402900
Approval Yrs:: 2011
SIC Code: 323114, 323115
SIC Description: Quick Printing, Digital Printing

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

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

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

14	*7 of 10*	*WSW/165.4*	*168.6*	***KP GRAPHICS*** ***89 Glen Cameron Road*** ***Thornhill ON L3T 1N8***	*GEN*

PO Box Num:
Status:
Country:
Generator #: ON1402900
Approval Yrs:: 2012
SIC Code: 323114, 323115
SIC Description: Quick Printing, Digital Printing

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

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 264

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Description:		PHOTOPROCESSING WASTES			
14	8 of 10	WSW/165.4	168.6	K P GRAPHICS 89 GLEN CAMERON RD THORNHILL ON L3T 1N8	SCT

Established: 1970
Plant Size (ft²): 0
Employment: 10

--Details--
Description: Digital Printing
SIC/NAICS Code: 323115

Description: Other Printing
SIC/NAICS Code: 323119

Description: Quick Printing
SIC/NAICS Code: 323114

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
14	9 of 10	WSW/165.4	168.6	K. P. GRAPHICS 89 GLEN CAMERON RD THORNHILL ON L3T 1N8	SCT

Established: 1970
Plant Size (ft²): 0
Employment: 10

--Details--
Description: COMMERCIAL PRINTING, LITHOGRAPHIC
SIC/NAICS Code: 2752

Description: COMMERCIAL PRINTING, NOT ELSEWHERE CLASSIFIED
SIC/NAICS Code: 2759

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
14	10 of 10	WSW/165.4	168.6	KP GRAPHICS 89 Glen Cameron Rd Thornhill ON L3T 1N8	SCT

Established: 1970
Plant Size (ft²): 0
Employment: 12

--Details--
Description: Quick Printing
SIC/NAICS Code: 323114

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Other Printing
SIC/NAICS Code: 323119

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
15	1 of 2	S/167.3	169.1	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 2013
SIC Code: 485410
SIC Description:

--Details--
Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

15	2 of 2	S/167.3	169.1	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status: Registered
Country: Canada
Generator #: ON0222823
Approval Yrs:: As of Sep 2016
SIC Code:
SIC Description:

--Details--
Waste Code: 212 L
Waste Description: Aliphatic solvents and residues

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

Waste Code: 252 L
Waste Description: Waste crankcase oils and lubricants

Waste Code: 213 L
Waste Description: Petroleum distillates

Waste Code: 213 I
Waste Description: Petroleum distillates

Waste Code: 221 I
Waste Description: Light fuels

16	1 of 1	S/169.4	168.9	120 Doncaster Avenue Thornhill ON L3T 1L3	EHS

Postal Code: L3T 1L3
City: Thornhill

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		DB
Address2:						
Address1:		120 Doncaster Avenue				
Provstate:		ON				
Order No.:		20160314180				
Addit. Info Ordered::		Aerial Photos				
Report Date:		21-MAR-16				
Report Type:		RSC Report (Urban)				
Search Radius (km):		.3				
17	1 of 3	S/180.4	168.8	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON L3T 1L3		EXP
Instance ID:						
TSSA Program Area:						
Maximum Hazard Rank:						
Facility Type:		FS Liquid Fuel Tank				
Expired Date:		11/27/1990				
Instance Number:		11211333				
Instance Type:		FS Liquid Fuel Tank				
Status:		EXPIRED				
Description:		Fuels Safety Private Fuel Outlet - Self Serve				
17	2 of 3	S/180.4	168.8	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON L3T 1L3		EXP
Instance ID:						
TSSA Program Area:						
Maximum Hazard Rank:						
Facility Type:		FS Liquid Fuel Tank				
Expired Date:		11/27/1990				
Instance Number:		11211301				
Instance Type:		FS Liquid Fuel Tank				
Status:		EXPIRED				
Description:		Fuels Safety Private Fuel Outlet - Self Serve				
17	3 of 3	S/180.4	168.8	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON L3T 1L3		FST
Instance Number:		11211260				
Cont Name:						
Instance Type:		FS Liquid Fuel Tank				
Fuel Type:		Diesel				
Status:		Active				
Capacity:		22730				
Tank Material:		Fiberglass (FRP)				
Corrosion Protection:		Fiberglass				
Tank Type:		Single Wall UST				
Install Year:		1980				
Parent Facility Type:		Fuels Safety Private Fuel Outlet - Self Serve				
Facility Type:		FS Liquid Fuel Tank				
18	1 of 9	SSE/182.7	167.9	LEWICKI TRANSPORTATION INC. 134 DONCASTER AVENUE, UNIT #2 THORNHILL ON L3T 1L3	24-916	GEN
PO Box Num:						

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Status:					
Country:					
Generator #:		ON1546900			
Approval Yrs::		92,93,94,95,96,97,98			
SIC Code:		4573			
SIC Description:		SCHOOL BUS OPER.			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
18	*2 of 9*	*SSE/182.7*	*167.9*	*LEWICKI TRANSPORTATION INC.* *134 DONCASTER AVENUE, UNIT 2* *THORNHILL ON L3T 1L3*	*GEN*
PO Box Num:					
Status:					
Country:					
Generator #:		ON1546900			
Approval Yrs::		99,00,01			
SIC Code:		4573			
SIC Description:		SCHOOL BUS OPER.			
--Details--					
Waste Code:		252			
Waste Description:		WASTE OILS & LUBRICANTS			
18	*3 of 9*	*SSE/182.7*	*167.9*	*AIR GUARD PEST CONTROL* *134 DONCASTER AVENUE, UNIT 9* *THORNHILL ON L3T 1L3*	*PES*
Detail Licence No.:					
Licence Type:		Operator			
18	*4 of 9*	*SSE/182.7*	*167.9*	*BANEX SERVICES* *134 DONCASTER AVENUE UNIT 10* *THORNHILL ON L3T 1L3*	*PES*
Detail Licence No.:					
Licence Type:		Operator			
18	*5 of 9*	*SSE/182.7*	*167.9*	*BURLINGTON PEST CONTROL* *134 DONCASTER AVENUE, UNIT 9* *THORNHILL ON L3T 1L3*	*PES*
Detail Licence No.:					
Licence Type:		Operator			
18	*6 of 9*	*SSE/182.7*	*167.9*	*HAMILTON PEST CONTROL* *134 DONCASTER AVENUE. UNIT 9* *THORNHILL ON L3T 1L3*	*PES*
Detail Licence No.:					
Licence Type:		Operator			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	7 of 9	SSE/182.7	167.9	POULIN'S EXTERMINATION 134 DONCASTER AVENUE, UNIT 9 THORNHILL ON L3T 1L3	PES

Detail Licence No.:
Licence Type: Operator

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	8 of 9	SSE/182.7	167.9	LEO'S AUTO SERVICE CENTRE 134 DONCASTER AVE THORNHILL ON L3T 1L3	RST

Code: 1186800
Facility: Service Stations-Gasoline, Oil & Natural Gas
Description:
List Name:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
18	9 of 9	SSE/182.7	167.9	B.J. WICKES 134 DONCASTER AVE THORNHILL ON L3T 1L3	SCT

Established: 1992
Plant Size (ft²): 0
Employment: 3

--Details--
Description: All Other Plastic Product Manufacturing
SIC/NAICS Code: 326198

Description: Pottery, Ceramics and Plumbing Fixture Manufacturing
SIC/NAICS Code: 327110

Description: Glass Manufacturing
SIC/NAICS Code: 327214

Description: All Other Non-Metallic Mineral Product Manufacturing
SIC/NAICS Code: 327990

Description: All Other Miscellaneous Fabricated Metal Product Manufacturing
SIC/NAICS Code: 332999

Description: All Other Miscellaneous Manufacturing
SIC/NAICS Code: 339990

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
19	1 of 4	SE/189.2	167.9	PHOTOVAC INC. (OUT OF BUS) UNIT #10 (MANUFACTURING) 140 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0412900
Approval Yrs:: 86,87,88,89,90
SIC Code: 3911
SIC Description: INDICAT., ETC. INST.

--Details--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Waste Code:		241			
Waste Description:		HALOGENATED SOLVENTS			

19	2 of 4	SE/189.2	167.9	PHOTOVAC INC. (OUT OF BUS) 31-343 UNIT #10 (MANUFACTURING) 140 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON0412900
Approval Yrs::	92,93,94,95,96,97,98
SIC Code:	3911
SIC Description:	INDICAT., ETC. INST.

19	3 of 4	SE/189.2	167.9	Aunt Sarah's Specialties Ltd. 140 Doncaster Ave Unit 1 Thornhill ON L3T 1L3	SCT

Established:	01-AUG-83
Plant Size (ft²):	3000
Employment:	
--Details--	
Description:	Chocolate and Confectionery Manufacturing from Cacao Beans
SIC/NAICS Code:	311320
Description:	Non-Chocolate Confectionery Manufacturing
SIC/NAICS Code:	311340
Description:	Other Snack Food Manufacturing
SIC/NAICS Code:	311919

19	4 of 4	SE/189.2	167.9	CA-IL COMPANY LTD. 140 Doncaster Ave Unit 6 Thornhill ON L3T 1L3	SCT

Established:	0000
Plant Size (ft²):	0
Employment:	0
--Details--	
Description:	All Other Food Manufacturing
SIC/NAICS Code:	311990

20	1 of 1	WSW/195.6	168.2	OVERLAND EXPRESS 83 GLEN CAMERON RD TRANSPORT TRUCK (CARGO) MARKHAM TOWN ON	SPL

Ref No:	22211
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	OTHER CONTAINER LEAK
Incident Dt:	7/18/1989

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Incident Reason:	OTHER
Incident Summary:	OVERLAND EXPRESS - BARRELON TRUCK LEAKED KOH SOL'NTO ROADWAY
MOE Reported Dt:	7/18/1989
Environmental Impact:	
Nature of Impact:	
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	27402

21	*1 of 1*	*E/197.8*	*169.7*	*UNKNOWN* *CREK AT PROCTOR AVE AND DONCASTER,* *600 YARDS EAST OF INTERSECTION.* *MARKHAM TOWN ON*	*SPL*

Ref No:	159397
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	UNKNOWN
Incident Dt:	8/25/1998
Incident Reason:	UNKNOWN
Incident Summary:	UNKNOWN SOURCE-SUBSTANCE IN CREEK, LOCAL MOE OFFICE CONTACTED.
MOE Reported Dt:	8/25/1998
Environmental Impact:	POSSIBLE
Nature of Impact:	Water course or lake
Receiving Medium:	WATER
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	27402

22	*1 of 1*	*SE/198.3*	*167.5*	*lot 27 con 1* *ON*	*WWIS*

Well ID:	6902685	*Lot:*	027
Construction Date::		*Concession:*	01
Primary Water Use::	Domestic	*Concession Name:*	YS E
Sec. Water Use::		*Easting NAD83::*	
Final Well Status::	Water Supply	*Northing NAD83::*	
Specific Capacity::		*Zone::*	
Municipality:	MARKHAM TOWN (MARKHAM TWP)	*UTM Reliability::*	
County:	YORK		

Bore Hole Information

--	--
Bore Hole ID:	10493417
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	10-AUG-48
Remarks:	
Zone:	17
East 83:	627883.7
North 83:	4851564
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	lot

Org CS:	
Elevation:	164
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932716082
Layer:	1
General Color:	
Most Common Material:	CLAY
Other Materials:	MEDIUM SAND
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft
--	--
Formation ID:	932716083
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	65
Formation End Depth UOM:	ft
--	--
Formation ID:	932716084
Layer:	3
General Color:	
Most Common Material:	MEDIUM SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	65
Formation End Depth:	82
Formation End Depth UOM:	ft
--	--
Formation ID:	932716085
Layer:	4
General Color:	
Most Common Material:	COARSE SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	82
Formation End Depth:	86
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902685
Method Construction Code:	8
Method Construction:	Jetting
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11041987
Casing Number:	1

Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930805632
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	82
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933387106
Layer:	1
Slot:	010
Screen Top Depth:	82
Screen End Depth:	86
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Well Yield Testing	
--	--
Pump Test ID:	996902685
Pump Set At:	
Static Level:	46
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933986391
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	86
Water Found Depth UOM:	ft
--	--
--	--

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
23	1 of 1	NE/201.3	161.3	131 MORGAN AVE, MARKHAM ON	INC

Incident ID:	
Incident Number:	1818970
Attribute Category:	FS-Perform L1 Incident Insp
Status Code:	
Incident Location:	131 MORGAN AVE, MARKHAM - CO RELEASE

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Drainage System:
Sub Surface Contam.:
Aff. Prop. Use Water:
Contam. Migrated:
Contact Natural Env.:
Near Body of Water:
Approx. Quant. Rel.:
Equipment Model:
Serial No:
Residential App. Type:
Commercial App. Type:
Industrial App. Type:
Institutional App. Type:
Venting Type:
Vent Connector Mater.:
Vent Chimney Mater.:
Notes:
Pipeline Type:
Pipeline Involved:
Pipe Material:
Depth Ground Cover:
Regulator Location:
Regulator Type:
Operation Pressure:
Occurence Narrative: CHOCKED BOILER- NOT MAINTAINED
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Equipment Type:
Cylinder Capacity:
Cylinder Capac. Units:
Cylinder Material Type:
Tank Capacity:
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac.:
Liquid Prop Notes:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
24	1 of 1	E/202.0	170.1	southwest corner of Proctor and Henderson - 89 Henderson Ave. Markham ON	SPL

Ref No: 0171-AH5S3V
Contaminant Code: 44
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Quantity: 0 other - see incident description
Incident Cause:
Incident Dt: 2016/12/30
Incident Reason: Unknown / N/A
Incident Summary: 3-4gal/min diluted sewage to East Don, filtered, chlorinated, repairing
MOE Reported Dt: 2016/12/30
Environmental Impact:
Nature of Impact:
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Miscellaneous Communal
Receiving Environment: Land
Incident Event: Unknown / N/A
Site Municipality: Markham

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	1 of 30	S/204.2	168.4	TRAVELWAY (LAIDLAW) 120 DONCASTER AV THORNHILL ON	EXP

Instance ID: 393671
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Instance Number: 9974732
Instance Type: FS Facility
Status: EXPIRED
Description: FS Propane Refill Cntr - Motor Fill

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	2 of 30	S/204.2	168.4	SUPERIOR PROPANE ATTN WARREN HAYES 120 DONCASTER AV THORNHILL ON	EXP

Instance ID: 10894
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Instance Number: 10043453
Instance Type: FS Facility
Status: EXPIRED
Description: FS Propane Vehicle Conv Centre

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	3 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON	EXP

Instance ID: 14203
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date:
Instance Number: 10220061
Instance Type: FS Facility
Status: EXPIRED
Description: FS Propane Vehicle Conv Centre

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	4 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON L3T 1L3	EXP

Instance ID:
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 11/27/1990
Instance Number: 11211301
Instance Type: FS Liquid Fuel Tank
Status: EXPIRED
Description:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	5 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON L3T 1L3	EXP

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Instance ID:					
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:		11/27/1990			
Instance Number:		11211333			
Instance Type:		FS Liquid Fuel Tank			
Status:		EXPIRED			
Description:					
25	*6 of 30*	*S/204.2*	*168.4*	*LAIDLAW TRANSIT LTD* *120 DONCASTER AV* *THORNHILL ON*	*EXP*
Instance ID:		73489			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Instance Number:		11211352			
Instance Type:		FS Piping			
Status:		EXPIRED			
Description:		FS Piping			
25	*7 of 30*	*S/204.2*	*168.4*	*LAIDLAW TRANSIT LTD* *120 DONCASTER AV* *THORNHILL ON*	*EXP*
Instance ID:		73605			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Instance Number:		11211317			
Instance Type:		FS Piping			
Status:		EXPIRED			
Description:		FS Piping			
25	*8 of 30*	*S/204.2*	*168.4*	*TRAVELWAY (LAIDLAW)* *120 DONCASTER AV* *THORNHILL ON*	*EXP*
Instance ID:		70388			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Instance Number:		11125134			
Instance Type:		FS Propane Tank			
Status:		EXPIRED			
Description:		FS Propane Tank			
25	*9 of 30*	*S/204.2*	*168.4*	*LAIDLAW TRANSIT LTD* *120 DONCASTER AV* *MARKHAM ON*	*FSTH*
License Issue Date:		9/16/1994			
Tank Status:		Licensed			

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Tank Status As Of:	August 2007
Operation Type:	Private Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

--Details--

Status:	Active
Year of Installation:	1980
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Diesel

Status:	Removed
Year of Installation:	1980
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Diesel

Status:	Removed
Year of Installation:	1974
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	10 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD 120 DONCASTER AV THORNHILL ON L3T 1L3	FSTH

License Issue Date:	9/16/1994
Tank Status:	Licensed
Tank Status As Of:	December 2008
Operation Type:	Private Fuel Outlet
Facility Type:	Gasoline Station - Self Serve

--Details--

Status:	Active
Year of Installation:	1980
Corrosion Protection:	
Capacity:	22730
Tank Fuel Type:	Liquid Fuel Single Wall UST - Diesel

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	11 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD. 120 DONCASTER AVE. THORNHILL ON L3T 1L3	GEN

PO Box Num:	
Status:	
Country:	
Generator #:	ON0222823
Approval Yrs::	88,89
SIC Code:	4573
SIC Description:	SCHOOL BUS OPER.

--Details--

Waste Code:	251
Waste Description:	OIL SKIMMINGS & SLUDGES

Waste Code:	252
Waste Description:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	12 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD. 120 DONCASTER AVE. THORNHILL C/O 30 HERITAGE ROAD MARKHAM ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 90
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

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

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	13 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD. 120 DONCASTER AVENUE MARKHAM ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 92,93,97,98,99,00,01,02,03,04,05,06
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

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

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	14 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD. 24-541 120 DONCASTER AVE. THORNHILL C/O 30 HERITAGE ROAD MARKHAM ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site		DB

Approval Yrs:: 94
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

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

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

25	15 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD. 120 DONCASTER AVENUE MARKHAM ON L3T 1L3	24-541	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 95,96
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

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

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

25	16 of 30	S/204.2	168.4	CAN-AR COACH SERVICE 120 DONCASTER AVENUE THORNHILL ON L3T 1L3		GEN

PO Box Num:
Status:
Country:
Generator #: ON0426200
Approval Yrs:: 86,87,88,89,90,92,93,94
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

25	17 of 30	S/204.2	168.4	FirstCanada ULC 120 DONCASTER AVENUE		GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				THORNHILL ON L3T 1L3	

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: As of May 2015
SIC Code:
SIC Description:

--Details--
Waste Code: 213
Waste Description: Petroleum distillates

Waste Code: 252
Waste Description: Waste crankcase oils and lubricants

Waste Code: 221
Waste Description: Light fuels

Waste Code: 212
Waste Description: Aliphatic solvents and residues

Waste Code: 251
Waste Description: Waste oils/sludges (petroleum based)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	18 of 30	S/204.2	168.4	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 07,08
SIC Code: 485410
SIC Description: School and Employee Bus Transportation

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

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	19 of 30	S/204.2	168.4	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Country:
Generator #: ON0222823
Approval Yrs:: 2009
SIC Code: 485410
SIC Description: School and Employee Bus Transportation

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

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

25	20 of 30	S/204.2	168.4	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 2010
SIC Code: 485410
SIC Description: School and Employee Bus Transportation

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

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 221
Waste Description: LIGHT FUELS

25	21 of 30	S/204.2	168.4	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 2011
SIC Code: 485410
SIC Description: School and Employee Bus Transportation

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

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

Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	22 of 30	S/204.2	168.4	FirstCanada ULC 120 DONCASTER AVENUE THORNHILL ON L3T 1L3	GEN

PO Box Num:
Status:
Country:
Generator #: ON0222823
Approval Yrs:: 2012
SIC Code: 485410
SIC Description: School and Employee Bus Transportation

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

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Waste Code: 221
Waste Description: LIGHT FUELS

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
25	23 of 30	S/204.2	168.4	120 DONCASTER AVENUE MARKHAM ON	HINC

External File Num: FS INC 0710-06358
Date of Occurrence: 10/18/2007
Fuel Occurrence Type: Liquid Petroleum Spill
Fuel Type Involved: Diesel
Status Desc:: Completed - No Action Required
Job Type Desc:: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:: Private Fuel Outlet (including agricultural farms)
Service Interruptions:: No
Property Damage:: No
Fuel Life Cycle Stage:: Storage and Dispensing
Root Cause::
Reported Details:: Laidlaw Transit Yard
Fuel Category:: Liquid Fuel

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Occurrence Type::		Incident			
Affiliation::		Safety Authorities (MOL, ESA, Insurers, etc.)			
County Name::		York			
Approx. Quant. Rel::					
Nearby body of water::					
Enter Drainage Syst.::					
Approx. Quant. Unit::					
Environmental Impact::					
25	24 of 30	S/204.2	168.4	TRAVELWAY (LAIDLAW) 120 DONCASTER AV MARKHAM ON	PRT
Location ID:		20408			
Type:		retail			
Expiry Date:		1993-09-30			
Capacity (L):		2000			
Licence #:		0076372614			
25	25 of 30	S/204.2	168.4	ICG PROPANE ATTN BILL BIRD 120 DONCASTER AV MARKHAM ON	PRT
Location ID:		20408			
Type:		retail			
Expiry Date:		1991-06-30			
Capacity (L):		0			
Licence #:		0038599001			
25	26 of 30	S/204.2	168.4	ICG PROPANE ATTN BILL BIRD 120 DONCASTER AV MARKHAM ON	PRT
Location ID:		20408			
Type:		retail			
Expiry Date:		1994-07-31			
Capacity (L):		0			
Licence #:		0076367325			
25	27 of 30	S/204.2	168.4	LAIDLAW TRANSIT LTD 120 DONCASTER AV MARKHAM ON	PRT
Location ID:		20408			
Type:		private			
Expiry Date:					
Capacity (L):		22730.00			
Licence #:		0001039925			
25	28 of 30	S/204.2	168.4	LAIDLAW BUS LINES SCHOOL BUS DEPOT AT 120 DONCASTER AVE, STORAGE TANK VAUGHAN CITY ON	SPL
Ref No:		95056			
Contaminant Code:					
Contaminant Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Contaminant Quantity:	
Incident Cause:	UNDERGROUND TANK LEAK
Incident Dt:	//
Incident Reason:	CORROSION
Incident Summary:	LAIDLAW TRANSIT -DIESEL CONTAMINATED SOIL FOUND DURING TANKS REMOVAL,MCCR
MOE Reported Dt:	1/5/1994
Environmental Impact:	CONFIRMED
Nature of Impact:	Soil contamination
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	27101

25	29 of 30	S/204.2	168.4	**Laidlaw Transit Company<UNOFFICIAL>** **120 Doncaster Avenue, Thornhill** **Markham ON**	SPL

Ref No:	5426-784S6P
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Quantity:	0 other - see incident description
Incident Cause:	Unknown
Incident Dt:	
Incident Reason:	Spill
Incident Summary:	Laidlaw Transit: Spilling Fuel to Roadway
MOE Reported Dt:	10/18/2007
Environmental Impact:	Possible
Nature of Impact:	Human Health/Safety; Surface Water Pollution
Receiving Medium:	Land
SAC Action Class:	
Sector Source Type:	Other Motor Vehicle
Receiving Environment:	
Incident Event:	
Site Municipality:	Markham

25	30 of 30	S/204.2	168.4	**First Student Canada** **120 Doncaster Ave** **Markham ON**	SPL

Ref No:	8824-8H8Q9F
Contaminant Code:	13
Contaminant Name:	DIESEL FUEL
Contaminant Quantity:	0 other - see incident description
Incident Cause:	Other Discharges
Incident Dt:	5/26/2011
Incident Reason:	
Incident Summary:	First Student Canada: unkn qty diesel to CB
MOE Reported Dt:	5/26/2011
Environmental Impact:	Confirmed
Nature of Impact:	Surface Water Pollution
Receiving Medium:	
SAC Action Class:	Watercourse Spills
Sector Source Type:	Motor Vehicle
Receiving Environment:	
Incident Event:	
Site Municipality:	Markham

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
26	1 of 1	NNW/209.9	161.0	lot 28 con 1 ON	WWIS

Well ID:	6902721	**Lot:**	028
Construction Date::		**Concession:**	01
Primary Water Use::	Domestic	**Concession Name:**	YS E
Sec. Water Use::		**Easting NAD83::**	
Final Well Status::	Water Supply	**Northing NAD83::**	
Specific Capacity::		**Zone::**	
Municipality:	MARKHAM TOWN (MARKHAM TWP)	**UTM Reliability::**	
County:	YORK		

Bore Hole Information

--	--
Bore Hole ID:	10493452
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	15-MAY-52
Remarks:	
Zone:	17
East 83:	627682.7
North 83:	4851903
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	p9
Org CS:	
Elevation:	163.55
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--

Overburden and Bedrock Materials Interval

--	--
Formation ID:	932716223
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft
--	--
Formation ID:	932716224
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	50
Formation End Depth UOM:	ft
--	--
Formation ID:	932716225
Layer:	3
General Color:	
Most Common Material:	FINE SAND
Other Materials:	

Other Materials:	
Formation Top Depth:	50
Formation End Depth:	57
Formation End Depth UOM:	ft
--	--
Formation ID:	932716226
Layer:	4
General Color:	
Most Common Material:	COARSE SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	57
Formation End Depth:	65
Formation End Depth UOM:	ft
--	--
Formation ID:	932716227
Layer:	5
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	65
Formation End Depth:	69
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902721
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11042022
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930805668
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	65
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933387138
Layer:	1
Slot:	010
Screen Top Depth:	65
Screen End Depth:	69
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Well Yield Testing	
--	--

Pump Test ID:	996902721
Pump Set At:	
Static Level:	32
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933986423
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft
--	--
--	--

27	*1 of 1*	*WSW/226.5*	*168.9*	***Park Plastic Products Ltd.*** ***81 Glen Cameron Rd Floor 1*** ***Thornhill ON L3T 1N8***	*SCT*

Established:	01-JUL-72
Plant Size (ft²):	
Employment:	

--Details--

Description:	All Other Plastic Product Manufacturing
SIC/NAICS Code:	326198
Description:	Showcase, Partition, Shelving and Locker Manufacturing
SIC/NAICS Code:	337215
Description:	All Other Plastic Product Manufacturing
SIC/NAICS Code:	326198
Description:	All Other Miscellaneous Manufacturing
SIC/NAICS Code:	339990

28	*1 of 2*	*ENE/227.1*	*163.4*	***GREENFIELD LAWN CARE & LANDSCAPING INC*** ***111 HENDERSON AVE*** ***THORNHILL ON L3T 2L3***	*PES*

Detail Licence No.:	
Licence Type:	Operator

28	*2 of 2*	*ENE/227.1*	*163.4*	***GREENFIELD LAWN CARE & LANDSCAPING INC*** ***111 HENDERSON AVE***	*PES*

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
				THORNHILL ON L3T 2L3	

Detail Licence No.: 02-01-07239-0
Licence Type: OPERATOR

---

29 | 1 of 1 | NE/227.2 | 160.6 | **Enbridge Gas Distribution Inc.**
115 Henderson, Thornhill
Vaughan ON | SPL

Ref No: 4215-9X6MJA
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Quantity: 0 other - see incident description
Incident Cause: Leak/Break
Incident Dt: 6/4/2015
Incident Reason: Unknown / N/A
Incident Summary: TSSA: 1-1/4 in header, line strike
MOE Reported Dt: 6/4/2015
Environmental Impact:
Nature of Impact: Air
Receiving Medium:
SAC Action Class: Air Spills - Gases and Vapours
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: Vaughan

---

30 | 1 of 6 | E/234.1 | 169.3 | **Landmark Pet Incorporated**
99 Henderson Avenue
Thornhill ON L3T 2K9 | GEN

PO Box Num:
Status:
Country:
Generator #: ON9468898
Approval Yrs:: 02,03,04,05,06,07,08
SIC Code:
SIC Description:

--Details--
Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

---

30 | 2 of 6 | E/234.1 | 169.3 | **Doncaster A.C. OPB Cumberbatch Veterinary P.C.**
99 Henderson Avenue
Thornhill ON L3T 2K9 | GEN

PO Box Num:
Status:
Country:
Generator #: ON9468898
Approval Yrs:: As of May 2015

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
SIC Code:					
SIC Description:					
--Details--					
Waste Code:	312				
Waste Description:	Pathological wastes				
Waste Code:	264				
Waste Description:	Photoprocessing wastes				
30	3 of 6	E/234.1	169.3	Landmark Pet Incorporated 99 Henderson Avenue Thornhill ON L3T 2K9	GEN
PO Box Num:					
Status:					
Country:					
Generator #:	ON9468898				
Approval Yrs::	2009				
SIC Code:	541940				
SIC Description:	Veterinary Services				
--Details--					
Waste Code:	261				
Waste Description:	PHARMACEUTICALS				
Waste Code:	264				
Waste Description:	PHOTOPROCESSING WASTES				
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
30	4 of 6	E/234.1	169.3	Landmark Pet Incorporated 99 Henderson Avenue Thornhill ON L3T 2K9	GEN
PO Box Num:					
Status:					
Country:					
Generator #:	ON9468898				
Approval Yrs::	2010				
SIC Code:	541940				
SIC Description:	Veterinary Services				
--Details--					
Waste Code:	261				
Waste Description:	PHARMACEUTICALS				
Waste Code:	312				
Waste Description:	PATHOLOGICAL WASTES				
Waste Code:	264				
Waste Description:	PHOTOPROCESSING WASTES				
30	5 of 6	E/234.1	169.3	Landmark Pet Incorporated 99 Henderson Avenue Thornhill ON L3T 2K9	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

PO Box Num:
Status:
Country:
Generator #: ON9468898
Approval Yrs:: 2011
SIC Code: 541940
SIC Description: Veterinary Services

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

30	6 of 6	E/234.1	169.3	Doncaster Steeles Veterinary Prof. Corporation 99 Henderson Avenue Thornhill ON L3T 2K9	GEN

PO Box Num:
Status:
Country:
Generator #: ON9468898
Approval Yrs:: 2012
SIC Code: 541940
SIC Description: Veterinary Services

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Waste Code: 264
Waste Description: PHOTOPROCESSING WASTES

Waste Code: 261
Waste Description: PHARMACEUTICALS

31	1 of 1	ENE/235.5	161.6	lot 28 con 1 ON	WWIS

Well ID: 6902731
Construction Date::
Primary Water Use:: Domestic
Sec. Water Use::
Final Well Status:: Water Supply
Specific Capacity::
Municipality: MARKHAM TOWN (MARKHAM TWP)
County: YORK

Lot: 028
Concession: 01
Concession Name: YS E
Easting NAD83::
Northing NAD83::
Zone::
UTM Reliability::

Bore Hole Information
--
Bore Hole ID: 10493462
DP2BR:
Code OB: o
Code OB Description: Overburden
Open Hole:
Date Completed: 19-APR-54
Remarks:

Zone:	17
East 83:	627947.7
North 83:	4851813
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	p9
Org CS:	
Elevation:	161.25
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932716280
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft
--	--
Formation ID:	932716281
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	MEDIUM SAND
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	52
Formation End Depth UOM:	ft
--	--
Formation ID:	932716282
Layer:	3
General Color:	
Most Common Material:	MEDIUM SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	52
Formation End Depth:	56
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902731
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11042032
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	

--	--
Casing ID:	930805678
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933387148
Layer:	1
Slot:	007
Screen Top Depth:	51
Screen End Depth:	56
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Well Yield Testing	
--	--
Pump Test ID:	996902731
Pump Set At:	
Static Level:	24
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933986434
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft
--	--
--	--

32 | *1 of 1* | *ENE/244.0* | *163.4* | *lot 28 con 1 ON* | *WWIS*

Well ID:	6902729	***Lot:***	028
Construction Date::		***Concession:***	01
Primary Water Use::	Domestic	***Concession Name:***	YS E
Sec. Water Use::		***Easting NAD83::***	
Final Well Status::	Water Supply	***Northing NAD83::***	
Specific Capacity::		***Zone::***	
Municipality:	MARKHAM TOWN (MARKHAM TWP)	***UTM Reliability::***	
County:	YORK		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB

Bore Hole Information	
--	--
Bore Hole ID:	10493460
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	01-APR-54
Remarks:	
Zone:	17
East 83:	627961.7
North 83:	4851804
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	p9
Org CS:	
Elevation:	162.64
Elevrc:	
Elevrc Description:	
Location Source Date:	
Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932716270
Layer:	1
General Color:	BROWN
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft
--	--
Formation ID:	932716271
Layer:	2
General Color:	
Most Common Material:	QUICKSAND
Other Materials:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	29
Formation End Depth UOM:	ft
--	--
Formation ID:	932716272
Layer:	3
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	29
Formation End Depth:	48
Formation End Depth UOM:	ft
--	--
Formation ID:	932716273
Layer:	4
General Color:	WHITE
Most Common Material:	FINE SAND
Other Materials:	COARSE SAND
Other Materials:	
Formation Top Depth:	48

Formation End Depth:	57
Formation End Depth UOM:	ft
--	--
Formation ID:	932716274
Layer:	5
General Color:	
Most Common Material:	GRAVEL
Other Materials:	
Other Materials:	
Formation Top Depth:	57
Formation End Depth:	58
Formation End Depth UOM:	ft
--	--
Formation ID:	932716275
Layer:	6
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	59
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902729
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11042030
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930805676
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--
Construction Record - Screen	
--	--
Screen ID:	933387146
Layer:	1
Slot:	010
Screen Top Depth:	54
Screen End Depth:	59
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Well Yield Testing	
--	--
Pump Test ID:	996902729
Pump Set At:	

Static Level:	27
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933986431
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	23
Water Found Depth UOM:	ft
--	--
Water ID:	933986432
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft
--	--
--	--

33 *1 of 1* *E/248.4* *170.0* *lot 27 con 1 ON* *WWIS*

Well ID:	6902698	*Lot:*	027
Construction Date::		*Concession:*	01
Primary Water Use::	Domestic	*Concession Name:*	YS E
Sec. Water Use::		*Easting NAD83::*	
Final Well Status::	Water Supply	*Northing NAD83::*	
Specific Capacity::		*Zone::*	
Municipality:	MARKHAM TOWN (MARKHAM TWP)	*UTM Reliability::*	
County:	YORK		

Bore Hole Information

--	--
Bore Hole ID:	10493430
DP2BR:	
Code OB:	o
Code OB Description:	Overburden
Open Hole:	
Date Completed:	15-MAR-55
Remarks:	
Zone:	17
East 83:	627986.7
North 83:	4851734
UTMRC:	9
UTMRC Description:	unknown UTM
Location Method:	p9
Org CS:	
Elevation:	163.93
Elevrc:	
Elevrc Description:	
Location Source Date:	

Source Revision Comment:	
Improvement Location Source:	
Improvement Location Method:	
Supplier Comment:	
Spatial Status:	
--	--
Overburden and Bedrock Materials Interval	
--	--
Formation ID:	932716141
Layer:	1
General Color:	BROWN
Most Common Material:	MEDIUM SAND
Other Materials:	CLAY
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	38
Formation End Depth UOM:	ft
--	--
Formation ID:	932716142
Layer:	2
General Color:	BLUE
Most Common Material:	CLAY
Other Materials:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	41
Formation End Depth UOM:	ft
--	--
Formation ID:	932716143
Layer:	3
General Color:	BROWN
Most Common Material:	COARSE SAND
Other Materials:	
Other Materials:	
Formation Top Depth:	41
Formation End Depth:	53
Formation End Depth UOM:	ft
--	--
Method of Construction & Well Use	
--	--
Method Construction ID:	966902698
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
--	--
Pipe Information	
--	--
Pipe ID:	11042000
Casing Number:	1
Comment:	
Alt Name:	
--	--
Construction Record - Casing	
--	--
Casing ID:	930805646
Layer:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	49
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
--	--
--	--

Construction Record - Screen	
--	--
Screen ID:	933387118
Layer:	1
Slot:	010
Screen Top Depth:	49
Screen End Depth:	53
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2
--	--
Well Yield Testing	
--	--
Pump Test ID:	996902698
Pump Set At:	
Static Level:	23
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	N
--	--
Water Details	
--	--
Water ID:	933986403
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	41
Water Found Depth UOM:	ft
--	--
--	--

Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	HERITAGE CLUB ESTATES HOME-667136 ONTARI	STREET 'A'/PROCTOR AVE.	MARKHAM TOWN ON	
CA	The Corporation of the Town of Markham	Clark Ave Lot 1, Concession 27 and 28	Markham ON	
CA	METRUS MANAGEMENT CONCANMAR PHASE III	STREET 'A' CONCANMAR C.N.R.	MARKHAM TOWN ON	
CA	RUNNYMEDE DEV. CORP.LTD.-PT.LOT 28/CON.1	OHR SOMAYACH/STM-WATER DET.	VAUGHAN CITY ON	
ECA	Mattamy (Monarch) Limited	Part of Lot 26 and Lot 27	Town of Markham ON	
ECA	EP Victoria Square Manors Ltd.	Part of Lot 27	City of Markham ON	
ECA	EP Victoria Square Manors Ltd.	Part of Lot 27	City of Markham ON	
SPL	CANADIAN NATIONAL RAILWAY	TOWNSHIP TRAIN	VAUGHAN CITY ON	
SPL	Canadian National Railway Company	Track: W001	Vaughan ON	
SPL	CANADIAN NATIONAL RAILWAY	TRAIN	VAUGHAN CITY ON	
SPL	CANADIAN NATIONAL RAILWAY	STORAGE TANKS	VAUGHAN CITY ON	
SPL	Canadian National Railway Company		Vaughan ON	
SPL	CANADIAN NATIONAL RAILWAY	STORAGE TANKS	VAUGHAN CITY ON	
SPL	CANADIAN NATIONAL RAILWAY	TRAIN	VAUGHAN CITY ON	
SPL	CANADIAN NATIONAL RAILWAY	TRAIN	VAUGHAN CITY ON	
WDS	Canadian National Railways		Vaughan ON	
WDS	Canadian National Railways		Vaughan ON	

WDS	Canadian National Railways	Vaughan ON
WDS	Canadian National Railways	Vaughan ON

Unplottable Report

Site: *HERITAGE CLUB ESTATES HOME-667136 ONTARI STREET 'A'/PROCTOR AVE. MARKHAM TOWN ON*

Database: *CA*

Certificate #:	7-1393-90-
Application Year:	90
Issue Date:	9/14/1990
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: *The Corporation of the Town of Markham Clark Ave Lot 1, Concession 27 and 28 Markham ON*

Database: *CA*

Certificate #:	3355-82KMTB
Application Year:	2010
Issue Date:	2/12/2010
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: *METRUS MANAGEMENT CONCANMAR PHASE III STREET 'A' CONCANMAR C.N.R. MARKHAM TOWN ON*

Database: *CA*

Certificate #:	3-0582-89-
Application Year:	89
Issue Date:	6/28/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: *RUNNYMEDE DEV. CORP.LTD.-PT.LOT 28/CON.1 OHR SOMAYACH/STM-WATER DET. VAUGHAN CITY ON*

Database: *CA*

Certificate #:	3-1233-92-
Application Year:	92

Issue Date:	2/15/1993
Approval Type:	Municipal sewage
Status:	Approved in 1993
Application Type:	
Client Name::	
Client Address::	
Client City::	
Client Postal Code::	
Project Description::	
Contaminants::	
Emission Control::	

Site: ***Mattamy (Monarch) Limited***
Part of Lot 26 and Lot 27 Town of Markham ON

Database: ***ECA***

Record Type:	
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/3065-A3SJL6-14.pdf
Full Address:	Part of Lot 26 and Lot 27, Concession 3 Town of Markham, Regional Municipality of York
CofA Number:	5698-A78MKF
Date:	2016-03-10
Status:	Approved
Project Type:	Municipal and Private Sewage Works

Site: ***EP Victoria Square Manors Ltd.***
Part of Lot 27 City of Markham ON

Database: ***ECA***

Record Type:	
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/5611-AAGKCG-14.pdf
Full Address:	Part of Lot 27, Concession 4 City of Markham, Regional Municipality of York
CofA Number:	8353-AANJWJ
Date:	2016-06-07
Status:	Approved
Project Type:	Municipal and Private Sewage Works

Site: ***EP Victoria Square Manors Ltd.***
Part of Lot 27 City of Markham ON

Database: ***ECA***

Record Type:	
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/8744-AAGK7E-14.pdf
Full Address:	Part of Lot 27, Concession 4 City of Markham, Regional Municipality of York
CofA Number:	7346-AAVQHH
Date:	2016-06-15
Status:	Approved
Project Type:	Municipal and Private Sewage Works

Site: ***CANADIAN NATIONAL RAILWAY***
TOWNSHIP TRAIN VAUGHAN CITY ON

Database: ***SPL***

Ref No:	15936
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	UNKNOWN
Incident Dt:	3/16/1989
Incident Reason:	UNKNOWN
Incident Summary:	BURNING BOXCAR, HAZMAT, ISOLATED IN MACMILLAN YARD, UNDER CONTROL
MOE Reported Dt:	3/16/1989
Environmental Impact:	
Nature of Impact:	
Receiving Medium:	AIR
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	

Incident Event:
Site Municipality: 27101

Site: ***Canadian National Railway Company***
Track: W001 Vaughan ON

Database: ***SPL***

Ref No: 1276-7Y4KUN
Contaminant Code:
Contaminant Name: Combustible Liquid, n.o.s (NA1993)
Contaminant Quantity:
Incident Cause:
Incident Dt:
Incident Reason:
Incident Summary: CANUTEC: email recv'd - leaking rail car - ID. 1993
MOE Reported Dt: 11/24/2009
Environmental Impact:
Nature of Impact:
Receiving Medium:
SAC Action Class: Land Spills
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality:

Site: ***CANADIAN NATIONAL RAILWAY***
TRAIN VAUGHAN CITY ON

Database: ***SPL***

Ref No: 479
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: UNKNOWN
Incident Dt: 2/20/1988
Incident Reason: STORM/FLOOD/WIND
Incident Summary: CNR - REPORTING OIL FLUSHING FROM GROUND.
MOE Reported Dt: 2/20/1988
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 27101

Site: ***CANADIAN NATIONAL RAILWAY***
STORAGE TANKS VAUGHAN CITY ON

Database: ***SPL***

Ref No: 92859
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: OTHER CONTAINER LEAK
Incident Dt: 10/28/1993
Incident Reason: UNKNOWN
Incident Summary: CN RAIL- SMALL LEAK IN CONTAINER OF DICHLORO- BENZENE.
MOE Reported Dt: 10/28/1993
Environmental Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Receiving Environment:
Incident Event:
Site Municipality: 27101

Site: *Canadian National Railway Company*
Vaughan ON

Database: *SPL*

Ref No:	5610-9B8MXB
Contaminant Code:	12
Contaminant Name:	GASOLINE
Contaminant Quantity:	0 other - see incident description
Incident Cause:	Leak/Break
Incident Dt:	2013/09/04
Incident Reason:	Equipment Failure
Incident Summary:	CN Rail Leak from 2 Rail Cars of Ethanol/Gasoline Mixture
MOE Reported Dt:	2013/09/04
Environmental Impact:	Not Anticipated
Nature of Impact:	Soil Contamination
Receiving Medium:	
SAC Action Class:	Land Spills
Sector Source Type:	Train
Receiving Environment:	
Incident Event:	
Site Municipality:	Vaughan

Site: *CANADIAN NATIONAL RAILWAY*
STORAGE TANKS VAUGHAN CITY ON

Database: *SPL*

Ref No:	4902
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	UNKNOWN
Incident Dt:	6/8/1988
Incident Reason:	UNKNOWN
Incident Summary:	CN RAILWAY - 900 L OF DIESEL FUEL TO LAND.
MOE Reported Dt:	6/8/1988
Environmental Impact:	
Nature of Impact:	
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	27101

Site: *CANADIAN NATIONAL RAILWAY*
TRAIN VAUGHAN CITY ON

Database: *SPL*

Ref No:	116859
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE
Incident Dt:	8/7/1995
Incident Reason:	UNKNOWN
Incident Summary:	C.N.RAIL-SMALL QTY OF SULPHURIC ACID TO TIE, SMALL FIRE,FIRE OUT,FD.
MOE Reported Dt:	8/7/1995
Environmental Impact:	NOT ANTICIPATED
Nature of Impact:	
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	27101

Site: *CANADIAN NATIONAL RAILWAY TRAIN VAUGHAN CITY ON*

Database: *SPL*

Ref No:	161704
Contaminant Code:	
Contaminant Name:	
Contaminant Quantity:	
Incident Cause:	OTHER CONTAINER LEAK
Incident Dt:	11/4/1998
Incident Reason:	UNKNOWN
Incident Summary:	PETRO CANADA/CN RAIL-UKN QTY SPENT SULPHURIC ACID TO RAILBED.
MOE Reported Dt:	11/4/1998
Environmental Impact:	POSSIBLE
Nature of Impact:	Soil contamination
Receiving Medium:	LAND
SAC Action Class:	
Sector Source Type:	
Receiving Environment:	
Incident Event:	
Site Municipality:	27101

Site: *Canadian National Railways Vaughan ON*

Database: *WDS*

Certificate No.:	A680005
Issue Date:	10/26/2007
Status:	Approved
Application Status:	
Concession:	
Lot:	
Region/County:	
Proponent:	
Address:	
City:	
Facility Type:	
District Office:	
Municipalities Served:	
Total Area (ha):	
Landfill Capacity (m^3):	
Landfill Monitoring:	
Landfill Control Type:	
Est. Closure Date:	
Transfer Area (ha):	
Transfer Capacity (m^3):	
Transfer Sites Certificate No.:	
Incinerator Area (ha):	
Incinerator Capacity (t):	
Processing Area (m^3):	
Processing Capacity (m^3/d):	
Processing Volume (m^3):	
Processing Feed (m^3):	
Mobile Units:	
Mobile Description:	
Mobile Capacity:	
Mobile Unit Certificate No.:	
Waste Type:	
Waste Type Other:	
Waste Class:	
Other Approvals/Permits:	
Approval Description:	
Waste Description:	
Site Closing Description:	
PDF URL:	
Record Type:	
Project Type:	

Site: *Canadian National Railways*
Vaughan ON

Database: *WDS*

Certificate No.:	A680005
Issue Date:	3/7/2008
Status:	Approved
Application Status:	
Concession:	
Lot:	
Region/County:	
Proponent:	
Address:	
City:	
Facility Type:	
District Office:	
Municipalities Served:	
Total Area (ha):	
Landfill Capacity (m^3):	
Landfill Monitoring:	
Landfill Control Type:	
Est. Closure Date:	
Transfer Area (ha):	
Transfer Capacity (m^3):	
Transfer Sites Certificate No.:	
Incinerator Area (ha):	
Incinerator Capacity (t):	
Processing Area (m^3):	
Processing Capacity (m^3/d):	
Processing Volume (m^3):	
Processing Feed (m^3):	
Mobile Units:	
Mobile Description:	
Mobile Capacity:	
Mobile Unit Certificate No.:	
Waste Type:	
Waste Type Other:	
Waste Class:	
Other Approvals/Permits:	
Approval Description:	
Waste Description:	
Site Closing Description:	
PDF URL:	
Record Type:	
Project Type:	

Site: *Canadian National Railways*
Vaughan ON

Database: *WDS*

Certificate No.:	A680005
Issue Date:	7/18/2008
Status:	Approved
Application Status:	
Concession:	
Lot:	
Region/County:	
Proponent:	
Address:	
City:	
Facility Type:	
District Office:	
Municipalities Served:	
Total Area (ha):	
Landfill Capacity (m^3):	
Landfill Monitoring:	
Landfill Control Type:	
Est. Closure Date:	
Transfer Area (ha):	
Transfer Capacity (m^3):	

Transfer Sites Certificate No.:
Incinerator Area (ha):
Incinerator Capacity (t):
Processing Area (m^3):
Processing Capacity (m^3/d):
Processing Volume (m^3):
Processing Feed (m^3):
Mobile Units:
Mobile Description:
Mobile Capacity:
Mobile Unit Certificate No.:
Waste Type:
Waste Type Other:
Waste Class:
Other Approvals/Permits:
Approval Description:
Waste Description:
Site Closing Description:
PDF URL:
Record Type:
Project Type:

Site: ***Canadian National Railways***
Vaughan ON

Database:
WDS

Certificate No.:	A680005
Issue Date:	7/11/2008
Status:	Approved
Application Status:	
Concession:	
Lot:	
Region/County:	
Proponent:	
Address:	
City:	
Facility Type:	
District Office:	
Municipalities Served:	
Total Area (ha):	
Landfill Capacity (m^3):	
Landfill Monitoring:	
Landfill Control Type:	
Est. Closure Date:	
Transfer Area (ha):	
Transfer Capacity (m^3):	
Transfer Sites Certificate No.:	
Incinerator Area (ha):	
Incinerator Capacity (t):	
Processing Area (m^3):	
Processing Capacity (m^3/d):	
Processing Volume (m^3):	
Processing Feed (m^3):	
Mobile Units:	
Mobile Description:	
Mobile Capacity:	
Mobile Unit Certificate No.:	
Waste Type:	
Waste Type Other:	
Waste Class:	
Other Approvals/Permits:	
Approval Description:	
Waste Description:	
Site Closing Description:	
PDF URL:	
Record Type:	
Project Type:	

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2016

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 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 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: Oct 31, 2016

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: Oct 31, 2016

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: Oct 31, 2016

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 31, 2012

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2016

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Dec 2016

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-Aug 2015

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Nov 2016

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Dec 2016

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Nov 2016

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 2016

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: Oct 31, 2016

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-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: Oct 31, 2016

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Sep 2016

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013 - Dec 2014

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents: Provincial INC

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

Government Publication Date: Oct 31, 2016

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Dec 31, 2013

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2016

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2014

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells: Federal NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-2014

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-Jun 2016

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Oct 2016

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Dec 2016

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Oct 2016

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: Oct 31, 2016

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Dec 2016

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-Dec 2016

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: Oct 31, 2016

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-Dec 2016

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: 1990-2014

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Jan 2015

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: Oct 31, 2016

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-Nov 2016

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: Jun 30, 2016

Definitions

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

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

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

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

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

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

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

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

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

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

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

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