

**Phase One Environmental Site Assessment
Part B – Huntington Road from Major Mackenzie Drive to Nashville
Road, Vaughan, Ontario**

Prepared For:
Delcan Corporation
500-625 Cochrane Drive
Markham, Ontario

SPL Project No.:10000163-210
Report Date: June 20, 2014

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June 20, 2014

SPL Project No.: 10000163-210
Delcan Corporation
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Markham, Ontario
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Attention: Mr. Loren Polonsky, MCIP, RPP, AICP

**Phase One Environmental Site Assessment
Part B – Huntington Road from Major Mackenzie Drive to Nashville Road
Vaughan, Ontario**

1. EXECUTIVE SUMMARY

SPL Consultants Limited (SPL) was retained by Mr. Loren Polonsky of Delcan Corporation, to conduct a Phase One Environmental Site Assessment (ESA) for a portion of Huntington Road from Langstaff Road to McGillivray Road in Vaughan, Ontario (the Phase One Property). It is our understanding that this Phase One ESA has been requested for due diligence purposes prior to the proposed widening of Huntington Road.

We are pleased to enclose a summary of the findings of this Phase One ESA:

1. The area under assessment, the Phase One Property, is a 1.8 km stretch of road located on Huntington Road from Major Mackenzie Drive to Nashville Road in the City of Vaughan, Ontario. No municipal address is assigned to the Phase One Property as it is part of a municipal roadway. The roadway was reportedly constructed in the 1950s and is currently owned by the City of Vaughan.
2. The majority of the adjacent and neighbouring properties within the Phase One Study Area, which includes all properties within 250 meters (m) of the Phase One Property boundaries, are used for residential, commercial and agricultural purposes. The Canadian Pacific Railway (CPR) crosses Huntington Road at McGillivray Road, south of the Phase One Property. The environmental impact on the Phase One Property as a result of the adjacent and neighbouring properties is considered to be low.
3. The EcoLog Environmental Risk Information Service (ERIS) identified two (2) properties within the Phase One Study registered as hazardous waste generators. The property at 10440 Huntington Road owned by the City of Vaughan, listed as a cemetery and crematoria, was registered in 2004; however, the waste classification for which they were registered is not indicated. The property at 10555 Huntington Road was registered in 2005 for the generation, use and/or storage of waste oils and lubricants. An environmental impact on the Phase One Property as a result of the generation, use, and/or storage of hazardous wastes

on the adjacent properties is considered to be low.

4. Two (2) previous geotechnical investigations were conducted on Huntington Road in 2004 and 2007. The soil encountered during the investigations consisted primarily of surficial granular 19 mm crusher run limestone underlain by various types of fill materials, extending to depths ranging from 0.4 to 2.4 meters below ground surface (mbgs). The fill materials were underlain by native soils consisting of clayey silt, silty clay, silty sand and sand.

As a result of this investigation, potentially contaminating activities (PCAs) contributing to areas of potential environmental concern (APEC) on the Phase One Property are as follows:

- De-icing activities on the Phase One Property;
- Use of fill material of unknown environmental quality; and
- Generation, use and/or storage of hazardous wastes including petroleum distillates and waste oils and lubricants on the adjoining properties.

The PCAs were determined through the site reconnaissance on March 31, 2014, as well as a review of other available databases and interviews. Contaminants of potential concern as a result of these activities include metals and inorganics, petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs).

Based on available geological and topographical information, the groundwater flow direction is inferred to be in southeasterly direction towards the Humber River. A tributary of the Humber River crosses the Phase One Property approximately 310 m north of Major Mackenzie Drive. The Humber River is located approximately 1.3 km east of the Phase One Property. Groundwater levels may be influenced by the presence of subsurface utilities and can only be confirmed with longer term monitoring.

Information used in this report was evaluated based on proximity to the Phase One Property, inferred direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of the use or activity.

Based on the information gathered with interviews and records review, it was determined that there are PCAs associated with the current and historical activities on the Phase One Property and adjacent properties. As such, APECs are present throughout the Phase One Property. A limited soil investigation is recommended to evaluate the soil conditions on the Phase One Property, prior to excavation activities, within the identified APECs.

It should be noted that general environmental management and housekeeping practices were reviewed as part of this assessment with respect to their impact on the environmental condition of the Phase One Property; however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

2. INTRODUCTION

SPL Consultants Limited (SPL) was retained by Mr. Loren Polonsky of Delcan Corporation to conduct a Phase One Environmental Site Assessment (ESA) at the above noted property. It is our understanding that this investigation has been requested for due diligence purposes prior to the proposed road widening of Huntington Road.

Information used to prepare this report was gathered from the following sources: SPL's site visit; available regulatory information; maps; geological publications; information obtained from city directories, and information provided to SPL by the client.

The scope of this Phase One ESA conforms to the requirements outlined in O. Reg. 153/04, as amended.

The purpose of this Phase One ESA was to identify the presence or absence of potentially contaminating activities (PCAs) within the Phase One Study Area, and based on this information assess the requirements for additional investigation in the form of a limited soil investigation. This Phase One ESA does not include physical sampling or testing, and is based solely on visual observations and a review of available or supplied factual data.

2.a. PHASE ONE PROPERTY INFORMATION

The area under assessment, the Phase One Property, is a 1.8 kilometer (km) stretch of road located on Huntington Road from Major Mackenzie Drive to Nashville Road in the City of Vaughan, Ontario. The Phase One Property does not have a municipal address assigned to it as it is part of a municipal roadway. A site location plan is presented in **Drawing 1**.

The table below lists the current owners and the contact information of the persons interviewed as part of this investigation.

TABLE 1: SUMMARY OF CURRENT OWNERS AND PROPERTY USE

Property	Current Owner	Property Use
Huntington Road	City of Vaughan Site Contact Loren Polonsky – Delcan Corporation E-mail: l.polonsky@delcan.com Telephone: 905-943-0523	Municipal roadway

3. SCOPE OF INVESTIGATION

The scope of the assessment included:

- (i) A site reconnaissance on March 25, 2014;
- (ii) A review of municipal directories and Fire Insurance Plans (FIPs) to determine previous occupants of the Phase One Property and adjoining properties and to determine the first developed use of the Phase One Property;

- (iii) Search available databases to determine PCAs that may have taken place within the Phase One Study Area;
- (iv) The review of an EcoLog Environmental Risk Information Service (ERIS) Report;
- (v) Interpretation of available aerial photographs;
- (vi) Interpretation of available topographic and geological maps;
- (vii) An interview with representatives from the Phase One Property; and,
- (viii) Conclusions based on information obtained during the investigation regarding the need for a limited soil investigation.

4. RECORDS REVIEW

4.a. GENERAL

4.a.i. Phase One Study Area Determination

The Phase One Study Area was determined by a 250 metre (m) offset from the property boundaries, in accordance with O.Reg. 153/04 as amended. The Phase One Study Area was kept at a 250 m radius from the Phase One Property boundary as no heavy industrial properties are currently located within 500 m of the Phase One Property. Properties within the 250 m radius currently consist mainly of residential and agricultural use. Furthermore, PCAs were identified within the 250 m Phase One Study Area and it is unlikely that PCAs beyond 250 m of the Phase One Property would have a detrimental environmental impact on the Phase One Property. As such, the need to extend the boundary of the study area is not warranted.

The properties within the Phase One Study Area were a part of the site investigation and our historical review. PCAs identified during our review are discussed within our report. A conceptual site model is provided in **Drawing 2**.

4.a.ii. First Developed Use Determination

The first developed use of the Phase One Property is anticipated to have been agricultural. The first developed uses of the properties within the Phase One Study Area are expected to be agricultural based on aerial photographs, the 1878 York County Atlas and the site reconnaissance.

4.a.iii. Fire Insurance Plans

The Catalogue of Canadian Fire Insurance Plans (FIPs) 1875-1975 in Ontario Collections was referenced for information regarding the Phase One Property and surrounding properties; however, the Phase One Property and Phase One Study Area were not covered.

4.a.iv. City Directory Search

A search of the municipal directories available for review at the Toronto Reference Library was undertaken in order to determine historical occupants of the Phase One Property and properties within

the Phase One Study Area. This search was conducted based on municipal addresses located within the Phase One Study Area.

Directories published in the following years were reviewed: 1998, 1995, 1990, 1986, 1979, 1975, 1970, 1965 and 1960 in order to give a detailed overview of the occupants of the Phase One Study Area. The majority of the properties within the Phase One Study Area were not listed in the city directories; however, some properties on Huntington Road, Nashville Road and Major Mackenzie Drive were listed as residential from 1975 to 1998.

The complete city directory search results can be found in **Appendix A**.

4.a.v. Environmental Reports

Two (2) previous reports pertaining to the Phase One Property were provided to SPL for review. A summary of these reports is included below.

Geotechnical Investigation Report, Road Rehabilitation – Huntington Road from Langstaff Road to Kirby Road, Vaughan, Ontario. Prepared by AMEC Earth and Environmental prepared for Totten Sims Hubicki Associates (1997) Limited, dated April 29, 2004.

Thirty-five (35) boreholes were advanced on the above referenced site; in eight (8) of the thirty-five boreholes, soil samples were obtained. The soil consisted primarily of surficial granular 19 mm crusher run limestone underlain by various types of fill materials, extending to depths ranging from about 0.4 to 2.4 meters below ground surface (mbgs). The fill materials were underlain by native soils consisting of clayey silt, silty clay, silty sand and sand.

Nine (9) soil samples collected at a depth of approximately 1 mbg were submitted for chemical analysis of selected heavy metals and Toxicity Characteristic Leaching Procedure (TCLP) analyses of inorganics in accordance with O. Reg. 558/00. The TCLP analyses characterized the soils as non-hazardous. Based on the laboratory analytical results, soil chemical concentrations for selected heavy metals were below the MOE Guideline for Use at Contaminated Sites in Ontario, revised 1998, for a non-potable groundwater site (Table B) with commercial/industrial land use.

It should be noted that the 1998 Standards have since been revised and are no longer followed. O. Reg. 153/04 (as amended) is currently used. For the parameters tested, the soil analytical results would meet both the 1998 MOE Table B Standards and the MOE Table 3 Standards for industrial/commercial/community land use. However, the current regulations for metal and inorganics analysis have changed to include different parameters and criteria from the 1998 Standards. Additional soil testing is recommended to better understand the soil quality of the fill material present on the Phase One Property.

Report of Geotechnical Investigation for Kirby Road Instability West of Huntington Road, City of Vaughan. Prepared by Geo-Canada Ltd. prepared for City of Vaughan, dated February 2007.

Boreholes were advanced on the above referenced site and encountered fill material consisting of a mixture of sand and silt with some clay and trace organics from 2.3 to 2.4 mbgs. Native soils consisting

of clayey silt to silty clay were found at depths reaching 8.5 to 8.8 mbgs. Hard grey silt with some clay was encountered below the silty clay to approximately 12.5 mbgs. No soil chemical analysis was conducted during this investigation.

4.b. ENVIRONMENTAL SOURCE INFORMATION

EcoLog Environmental Risk Information Service (ERIS) Report (Including Federal Provincial and Private Databases)

A records and regulatory agency database review was completed through a database search carried out by EcoLog ERIS. The EcoLog ERIS report includes a review of public and private database records for the Site and surrounding properties within a 250 m study area around the Site. The report includes a site diagram and a summary, which describe records that relate directly to the Site and records found within the study area.

The following is a list of the database searches completed by EcoLog ERIS for this assignment. Phase One Property and Phase One Study Area specific information obtained (records found) from EcoLog ERIS has been underlined in the listings.

Federal Government Databases

- Environmental Effects Monitoring (EEM)
- Environmental Issues Information System (EIIS)
- Federal Convictions (FCON)
- Contaminated Sites on Federal Land (FCS)
- Fisheries and Oceans Fuel Storage Tanks (FOFT)
- Indian and Northern Affairs Fuel Tanks (IAFT)
- National PCB Sites (NPCB)
- National Pollutant Release Inventory (NPRI)
- National Analysis of Trends in Emergencies System (NATES)
- National Environmental Emergencies System (NEES)
- National Defence & Canadian Forces Fuel Tanks (NDFT)
- National Defence & Canadian Forces Spills (NDSP)
- National Defence & Canadian Forces Waste Disposal Sites (NDWD)
- Parks Canada Fuel Storage Tanks (PCFT)
- Transport Canada Fuel Storage Tanks (TCFT)

Private Databases

- Anderson's Waste Disposal Sites (ANDR)
- Anderson Storage Tanks (TANK)
- Automobile Wrecking & Supplies (AUWR)
- Chemical Register (CHEM)
- ERIS Historical Searches (EHS)
- Canadian Mine Locations (MINE)
- Oil and Gas Wells (OGW)
- Canadian Pulp and Paper (PAP)
- Private and Retail Fuel Storage Tanks (RST)
- Scott's Manufacturing Directory (SCT)
- Commercial Fuel Oil Tanks (CFOT)

Provincial Government Databases

- Abandoned Aggregate Inventory (AAGR)
- Aggregate Inventory (AGR)
- Abandoned Mine Information System (AMIS)
- Boreholes (BORE)
- Certificates of Approval (CA)
- Ontario Oil and Gas Wells (OOGW)
- Orders (ORD)
- List of TSSA Expired Facilities (EXP)
- TSSA Variances for Abandonment of USTs (VAR)
- TSSA Historic Incidents (HINC)
- Pesticide Register (PES)

- Certificate of Property Use
- Coal Gasification Plants (COAL)
- Compliance and Convictions (CONV)
- Drill Hole Database (DRL)
- Fuel Storage Tanks (FST)
- Private and Retail Fuel Storage Tanks (PRT)
- Ontario Regulation 347 Waste Receivers Summary_(REC)

Provincial Government Databases Cont'd

- Environmental Registry (EBR)
- Environmental Activity and Sector Registry (EASR)
- O. Reg. 347 Waste Generators Summary (GEN)
- Mineral Occurrences (MNR)
- Non-Compliance Reports (NCPL)
- Ontario Inventory of PCB Storage Sites (OPCB)
- Record of Site Condition (RSC)
- Wastewater discharge Registration Database (SRDS)
- Waste Disposal Site Sites – MOE CA Inventory (WDS)
- Waste Disposal Sites – MOE 1991 Historical Approved Inventory (WDSH)
- Ontario Spills (SPL)
- Water Well Information System (WWIS)

The EcoLog ERIS search identified a total of thirty (30) records within the Phase One Study Area which included the Phase One Property and adjoining and neighbouring properties within 250 m of the subject site property boundary. PCAs identified by the EcoLog ERIS search at the Phase One Property and within the Phase One Study Area are identified in **Section 7.a.ii**. It should be noted that the EcoLog ERIS Report included in **Appendix E** consists of all records pertaining to a larger portion of Huntington Road which includes the lands consisting of both “Parts A and B” for this investigation. A summary of the findings of the EcoLog ERIS report is provided below.

TABLE 2: SUMMARY OF ECOLOG ERIS RESULTS

Database	Results	Phase One Property	East Adjacent and Neighbouring	West Adjacent and Neighbouring
Anderson’s Waste Disposal Sites	0	0	0	0
Automobile Wrecking & Supplies	0	0	0	0
Boreholes	4	0	2	2
Certificates of Approval	3	0	3	0
Certificates of Property Use	0	0	0	0
Environmental Activity and Sector Registry	0	0	0	0
Environmental Registry	0	0	0	0
ERIS Historical Searches	1	0	1	0
List of TSSA Expired Facilities	0	0	0	0
Fuel Storage Tank	0	0	0	0
O.Reg. 347 Waste Generators Summary	2	0	1	1
TSSA Historic Incidents	0	0	0	0
TSSA Incidents	0	0	0	0
National PCB Inventory	0	0	0	0

Database	Results	Phase One Property	East Adjacent and Neighbouring	West Adjacent and Neighbouring
National Pollutant Release Inventory	0	0	0	0
Inventory PCB Storage Sites	0	0	0	0
Orders	0	0	0	0
Pesticide Register	1	0	1	0
TSSA Pipeline Incidents	0	0	0	0
Private and Retail Fuel Storage Tanks	0	0	0	0
O.Reg. 347 Waste Receivers Summary	0	0	0	0
Record of Site Condition	0	0	0	0
Retail Fuel storage Tanks	0	0	0	0
Scott's Manufacturing Directory	1	0	1	0
Ontario Spills	0	0	0	0
Anderson's Storage Tanks	0	0	0	0
Water Well Information Systems	18	1	9	8
Total	30	1	18	11

National Pollutant Release Inventory – Environment Canada (1993-2011)

A search of the National Pollutant Release Inventory, published by Environmental Canada, indicated that the Phase One Property and properties within the Phase One Study Area were not registered in the National Pollutant Release Inventory (NPRI) database.

Ontario Inventory of PCB Storage Sites – Ontario MOE (1987-2004)

A review of the Ontario MOE Inventory of PCB Storage Sites in Ontario (1987-2004) indicated that the Phase One Property and properties within the Phase One Study Area were not registered as a PCB storage sites.

Certificates of Approval – Ontario MOE

A certificate of approval (CofA) was listed for municipal and private sewage works for a road allowance on Huntington Road and McGillivray Road. A certificate of approval for air was listed at 8800 Huntington Road for Longo Brothers Fruit Markets Inc. An environmental impact on the Phase One Property as a result of the CofAs is considered to be low.

Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario - Ontario MOE

A review of a Waste Disposal Site Inventory published by the MOE lists former coal gasification plants and industrial sites producing and using coal tar and related tars. Given that none of these sites are located within 500 m of the Phase One Property or the Phase One Study Area, an environmental impact from these sites on the Phase One Property is not anticipated.

Dangerous Goods Accident Information System (DGAIS) Database (1988-2002)

A review of the DGAIS Database indicated an incident in 1993 in which a spill occurred involving 90 L of diphenylmethane 4-4'diisocyanate on the railway tracks located within the municipal boundaries of the City of Vaughan. The Canadian Pacific Railway (CPR) runs from the southeast to the northwest approximately 1.3 km east of the Phase One Property and runs south neighbouring to the Phase One Property as it crosses Huntington Road at McGillivray Road. The CPR Vaughan Intermodal Terminal is located approximately 200 m west of Huntington Road between Rutherford Road and Major Mackenzie Drive. The environmental impact on the Phase One Property due to the past spill incidents is not anticipated as the CPR and the Intermodal Terminal are down-gradient from the Phase One Property.

Ontario Regulation 347 Waste Generators Summary (1986 – July 2013)

The EcoLog ERIS report identified two (2) properties within the Phase One Study registered as waste generators. The property at 10440 Huntington Road owned by the City of Vaughan, listed as a cemetery and crematoria, is registered in 2004; however, the waste classification for which they are registered is not indicated. The property at 10555 Huntington Road is registered in 2005 for the generation, use and/or storage of waste oils and lubricants. An environmental impact on the Phase One Property as a result of the generation, use, and/or storage of hazardous wastes on the adjacent properties is considered to be low.

Pesticide Register (1988-2013)

According to the EcoLog ERIS report, the northeast neighbouring property at 930 Nashville Road is listed in the database as an operator. However, no additional information is provided regarding the year(s) registered or details on what the property is registered. Given that the property is considered to be cross-gradient from the inferred groundwater flow direction, the migration of any potential pesticides to Huntington Road is not expected and an environmental impact on the Phase One Property is not anticipated. These records can be found in the EcoLog ERIS report in **Appendix E**.

Scott's Manufacturing Directory (1992-2011)

According to the EcoLog ERIS report, the east neighbouring property at 926 Nashville Road is listed in the database for graphic design services in 1995. Given that the property is approximately 175 m in the inferred cross-gradient direction from the Phase One Property, an environmental impact is not anticipated. These records can be found in the EcoLog ERIS report in **Appendix E**.

Ontario Spills (1988-2011)

According to the EcoLog ERIS report, no spills were reported on the Phase One Property or on properties located within the Phase One Study Area. An environmental impact on the Phase One Property is therefore not anticipated.

EcoLog ERIS TSSA/Storage Tank Search

The EcoLog ERIS report identified no current or historic private, retail or commercial fuel storage tanks, TSSA Historic Incidents, TSSA Incidents, TSSA expired facilities or TSSA Pipeline Incidents within the Phase One Study Area.

Environmental Registry – Government of Ontario

The EcoLog ERIS report indicated that the Phase One Property as well as properties located within the Phase One Study Area are not registered in the database. An environmental impact on the Phase One Property is therefore not anticipated.

Record of Site Condition (RSC) (1997-2014)

A search of this database indicated that the Phase One Property and properties within the Phase One Study Area were not registered with an RSC in the database.

Areas of Natural Significance

The following databases were reviewed to determine if any Areas of Natural Significance are present on the Phase One Property or within the Phase One Study Area

- Provincial Park Regulated - Ontario Ministry of Natural Resources (2008)
- Areas of Natural and Scientific Interest (ANSI) - Ontario Ministry of Natural Resources (2012)
- Wetlands – Ontario Ministry of Natural Resources (2013)
- City of Vaughan Official Plan (September 2010)
- Niagara Escarpment Plan (2005)
- Provincially tracked species, plant communities and wildlife concentration areas data from the Natural Heritage Information System – Ontario Ministry of Natural Resources (2013)
- Oak Ridges Moraine Conservation Plan Land Use Designation Map - Oak Ridges Moraine Conservation Act (2002)
- Wilderness Areas - Ontario Ministry of Natural Resources (2006)

A review of these databases indicates the Phase One Property is not situated within an Area of Natural Significance or within an Environmentally Sensitive Area

Waste Disposal Site Inventory - Ontario MOE (1991)

A review of a Waste Disposal Site Inventory published by the MOE indicated that the Phase One Property is not listed as an active or former waste disposal site and is not located within a 1 km radius of an active or former landfill.

4.c. PHYSICAL SETTING SOURCES

4.c.i. Aerial Photographs

Aerial photographs for the years 1946, 1968 and 1988 were obtained from the National Archives Collection. The York County Atlas was utilized to obtain a more historical image from 1878. The Google Earth mapping system was utilized to obtain a more recent satellite image from 2009. Copies of these aerial photographs and images are presented in **Appendix B**.

TABLE 3: SUMMARY OF AERIAL PHOTOGRAPHS

Aerial Photos	Phase One Property	Adjoining Properties	Phase One Study Area
1878 York County Atlas	- Huntington Road appears to be constructed	- Residential and/or agricultural sized properties to the east and south	- Residential and/or agricultural sized properties to the north, south east and west; the railway currently named the CPR is shown to the east and is labelled "Bruce Railway"; the Humber River is visible to the east of the Phase One Property
1946 Aerial Photograph	- Huntington Road appears to be constructed and similar to present day; a tributary of the Humber River is shown crossing the Phase One Property	- Agricultural and rural residential properties to the north, south, east and west	- Agricultural and rural residential properties to the north, south, east and west
1968 Aerial Photograph	- The Phase One Property appears similar to the 1946 aerial photo; no changes to the road are visible	- Adjacent properties appear similar to the 1946 aerial photograph	- Neighbouring properties to the north, south east and west appear similar to the 1946 aerial photo; further residential development along Nashville Road
1988 Aerial Photograph	- The Phase One Property appears similar to the 1946 and 1968 aerial photographs	- Adjacent properties appear similar to the 1968 aerial photograph	- Surrounding properties include agricultural and residential properties
2009 Satellite Image	- The Phase One appears similar to present day.	- Adjacent properties appear similar to present day.	- Surrounding properties appear similar to present day

4.c.ii. Topography, Hydrology, Geology

According to the Ontario Base Map published by First Base Solutions Geospatial Experts, the Phase One Property has an elevation ranging from approximately 201 to 220 meters above sea level (masl). The land within the Phase One Study Area gradually slopes to the southwest towards a tributary of the Humber River. The Humber River located approximately 1.3 km east of the Phase One Property. The inferred groundwater flow direction is southeast toward the Humber River. A copy of this topographic map can be found in **Appendix D**.

According to bedrock maps provided by the OGS Earth website, published by the Ontario Ministry of Northern Development, Mines and Forestry, bedrock in the area of the Phase One Property is of the Georgian Bay Formation, and consists of shale and limestone.

According to the Ontario Department of Mines Preliminary Map No. P.470, Bolton Sheet, Southern Ontario, the depth to bedrock is approximately 150 mbgs.

According to surficial geology maps provided by the OGS Earth website, published by the Ontario Ministry of Northern Development, Mines and Forestry, the surficial geology of the Phase One Property includes fine-textured glaciolacustrine deposits consisting primarily of silt and clay with minor sand and gravel. The land surrounding the tributary of the Humber River consists of modern alluvial deposits consisting of clay, silt, sand, gravel and possible organic remains.

According to physiography maps provided by the OGS Earth website, published by the Ontario Ministry of Northern Development, Mines and Forestry, the Phase One Property is situated within bevelled till plains.

4.c.iii. Fill Materials

From the previous investigations conducted by AMEC in 2004 and Geo-Canada Ltd. in 2007, fill material encountered on the Phase One Property consisted of a mixture of sand and silt with some clay and trace organics to a maximum depth of approximately 2.4 mbgs . Soil chemical analysis was conducted by AMEC on select soil samples within the Phase One Property. The soil analytical results met both the old (1998 MOE Table B Standard for commercial and industrial property use) and the current (2011 MOE Table 3 Standard for industrial, commercial, and community property use) MOE Standards for the parameters tested.

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

A tributary of the Humber River runs from northwest to the southeast and crosses the Phase One Property approximately 310 m north of Major Mackenzie Drive. The Humber River is located approximately 1.3 km east of the Phase One Property. According to the City of Vaughan Official Plan, Schedule 3 the Phase One Property is not situated within an Area of Natural Significance or within an Environmentally Sensitive Area.

4.c.v. Well Records

The EcoLog ERIS report identified forty-three (43) water wells within the Phase One Property and Phase One Study Area. The majority of the wells are used for water supply and some are used for observation and monitoring and the remaining wells are listed as abandoned. In general, the soil found within the Phase One Study Area consists of topsoil, clay with sand, gravel and silt. Shale bedrock was reached at depths ranging from 66 to 213 mbgs. Information regarding the depth, date of drilling, use and materials encountered can be found in the EcoLog ERIS report provided in **Appendix F**.

4.d. SITE OPERATING RECORDS

As the Phase One Property is not considered an enhanced investigation property, no site operating records were reviewed.

5. INTERVIEWS

An interview was conducted via email correspondences with Mr. Loren Polonsky and a City of Vaughan representative. Information collected from the interview is generally consistent with our historical review and therefore has been incorporated throughout the report. Additional details can be found below within the information provided in the site reconnaissance.

6. SITE RECONNAISSANCE

6.a. GENERAL REQUIREMENTS

TABLE 4: SITE RECONNAISSANCE GENERAL REQUIREMENTS

Date and Time of Investigation	March 31, 2014
Weather Conditions	Sunny, 5 degrees Celsius
Length of time of the Investigations	The Phase One Property - 2 hour Phase One Study Area – 1 hour
Facility Operating During Site Reconnaissance	Facility under regular operation as a road, construction on the roadway from Rutherford Road to Major MacKenzie Road was underway at the time
Qualifications of the Person Conducting Investigations	Principal Site Investigator: Michelle Locke, Environmental Officer Qualified Person: David Lewis, P.Eng.

Photographs documenting the Phase One Property and Phase One study Area taken on the day of the site visit, along with written descriptions can be found in **Appendix C**.

6.b. SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

The Phase One Property currently consists of an asphalt paved two-lane roadway. According to Mr. Polonsky, the roadway was constructed in the 1950s.

Storage /Tanks

According to the EcoLog ERIS report, no above ground or underground storage tanks (ASTs or USTs) are present on the Phase One Property or the Phase One Study Area.

Rail Spurs

No rail spurs were observed on the Phase One Property at the time of the site reconnaissance. However, the Phase One Property is bordered to the south by rail tracks.

Water Sources

Municipal water services run throughout the Phase One Property. A Regional Trunk Watermain is located on Huntington Road between Rutherford Road and Nashville Road.

Sewage Works

Municipal storm and sanitary sewers run throughout the Phase One Property. A City Trunk Sanitary Sewer is located on Huntington Road between Major Mackenzie Drive to south of Langstaff Road.

Underground Utilities

An Enbridge marked gas line is located on the eastern side of Huntington Road. Storm water culverts were observed along the east and west sides of Huntington Road.

Heating and Cooling Systems

No heating or cooling systems were observed as the Phase One Property is comprised of a municipal roadway. No structures are present on the Phase One Property.

Asbestos Containing Materials (ACM)

As the Phase One Property consists of a municipal roadway, it is unlikely that asbestos is present. However, underground utilities such as sewer lines and electrical conduits may be constructed of asbestos containing cement (commonly referred to as transite); these piping systems may be present underneath or in the vicinity of the Phase One Property. Asphalt may also contain asbestos. If during development of this property asbestos is identified, handling in accordance with O. Reg. 278/05 is required.

Polychlorinated Biphenyls (PCBs)

Several pole-mounted transformers were observed along the Phase One Property, it is possible that these contain PCB oil. An environmental impact on the Phase One Property as a result of the pole-mounted transformers is considered to be low.

Occupational Health and Safety Act - Designated Substances

A brief review of the site was conducted to assess the potential for designated substances identified in the *Occupational Health and Safety Act*, Article 18(a). Asbestos and PCB containing materials were addressed in Section 4.b. and Section 6.b., respectively. The following comments related to the potential for the presence of other designated substances on the property are offered:

- acrylonitrile potential present, within vehicle emissions along roadways
- arsenic potential not observed
- benzene potential not observed
- coke oven emissions potential not observed
- ethylene oxide potential not observed

-
- isocyanates potential not observed
 - UFFI potential not observed
 - lead lead paint may be present in paints used along the roadways
 - mercury potential not observed
 - silica any cementations materials could contain silica; analysis required to establish type.
 - vinyl chloride potential not observed

Drains Pits & Sumps

No drains, pits or sumps were observed on the Phase One Property during the site reconnaissance.

Staining

No staining was observed on the Phase One Property at the time of the site reconnaissance.

Substance Containers

No substance containers were observed on the Phase One Property at the time of the site reconnaissance.

Vegetation

No stressed vegetation was observed on the Phase One Property at the time of the site investigation.

Fill Material

No fill material was observed on the Phase One Property at the time of the site investigation.

Waste Management

As the Phase One Property primarily consists of a municipal roadway, the generation of wastes is not anticipated.

Sodium Adsorption Ratio (SAR) and Electrical Conductivity (EC)

As the Phase One Property consists of a municipal roadway which has been subject to seasonal de-icing activities, electrical conductivity (EC) and sodium adsorption ratio (SAR) impacts may exist in the subsurface soils in various degrees along and in the vicinity of the roadways. Under the regulations, if de-icing compounds are applied for the purpose of keeping the roadway safe for traffic under conditions of snow, or ice, or both, as provided for under section 2 of Regulation 339 of the Revised Regulations of Ontario, 1990 (Classes of Contaminants – Exemptions), the applicable site condition standard is deemed not to be exceeded for the purpose of Part XV.1 of the Act. O. Reg. 153/04, s. 48(3). Under this clause, any salt impacted soil at the subject site would be deemed to meet the applicable Standards.

Potentially Contaminating Activities

Potentially contaminating activities (PCAs) observed during the site reconnaissance would be as follows:

- Salting and de-icing activities on the Phase One Property;
- Railway tracks located south neighbouring to the Phase One Property.

6.b.i. Enhanced Investigation Property

For a Phase One Property to be classified as an enhanced investigation property, the property must be used or have been used in whole or in part for any of the following uses:

- any industrial use,
- as a garage,
- as a bulk liquid dispensing facility, including a gasoline outlet, or
- for the operation of dry cleaning equipment

As none of the above mentioned criteria apply to the Phase One Property, it is not considered an enhanced investigation property.

6.c. WRITTEN DESCRIPTION OF INVESTIGATION

A site reconnaissance was conducted on March 31, 2014, by Michelle Locke, an Environmental Officer from SPL Consultants Limited in clear conditions. Based on the site investigation the following may be relevant to the existence of an area of potential environmental concern;

- Salt and de-icing activities on the Phase One Property;
- Railway tracks south neighbouring to the Phase One Property.

7. REVIEW AND EVALUATION OF INFORMATION

7.a.i. Current and Past Uses

A summary of the current and past uses of the Phase One Property are shown below. The current property uses were observed during the site reconnaissance. Details of the historical occupants were obtained from the City Directories unless otherwise noted (e.g. FIPs and County Atlas). A complete list of the historical occupants within the Phase One Study Area can be found in **Appendix B**.

TABLE 5: CURRENT AND PAST USES OF THE PHASE ONE PROPERTY
 (Refer to Clause 16 (2)(b), Schedule D, O. Reg. 153/04, as amended)

Phase One Property	Year	Name of Owner(s)	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Huntington Road	1878 – Present	City of Vaughan	Municipal roadway	Based on the 1878 York County Atlas, the 1946, 1968 and 1988 aerial photographs, the Phase One Property has been occupied by a municipal roadway (Huntington Road); No other uses or owners except the municipality are known

7.a.ii. Potentially Contaminating Activity

PCAs as defined in Table 2 of O.Reg. 153/04, as amended, that may be contributing to an area of potential environmental concern (APEC) on the Phase One Property are as follows;

Phase One Property

- De-icing activities on adjoining roadways and in parking areas on the Phase One Property (low to moderate environmental concern); and
- Potential use of fill material of unknown environmental quality, PCA-30.

Phase One Study Area

- Generation, use and/or storage of hazardous wastes on the west adjacent property, PCA-58 (low environmental concern);
- South neighbouring property occupied by railway, PCA-46 (low environmental concern)
- Pesticide and herbicide applications on the northeast neighbouring property, PCA-40 (low environmental concern);

From the above list, PCA-46 and PCA-40 are not expected to contribute to an APEC on the Phase One Property, as they are located approximately 170 m down-gradient and 190 m cross-gradient, respectively, from the Phase One Property.

7.a.iii. Areas of Potential Environmental Concern

Based on the PCAs that were identified within the Phase One Study Area the following APECs were established. The contaminants of potential concern were determined based on materials that are likely to be present as a result of these activities. The locations of the APECs and PCAs are depicted in **Drawing 2**.

TABLE 6: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
 (Refer to clause 16(2)(a), Schedule D, O.Reg. 153/04, as amended)

APEC	Location of APEC	Potentially Contaminating Activities	Location of PCA (on- or off-site)	Contaminant of Potential Concern	Media Potentially Impacted
APEC-1	Entire area of Phase One Property	30. Fill material of unknown environmental quality	On-Site	M&I, PAHs, PHCs, VOCs	Soil Groundwater
APEC-2	Central portion of the Phase One Property	58. Waste disposal and waste management associated with generation, use and/or storage of hazardous wastes including waste oils and lubricants	Off-Site	PHCs, VOCs	Soil

NOTES:

1. APEC = Area of Potential Environmental Concern
2. PHCs = Petroleum Hydrocarbons
3. VOCs = Volatile Organic Compounds
4. PAHs = Polycyclic aromatic hydrocarbons
5. M&I = Metals and Inorganics
6. EC = Electrical Conductivity
7. SAR = Sodium Absorption Ratio

Information obtained through historical records and databases reviewed as part of this investigation are subject to the nature and accuracy of the records provided to SPL. As a result of changes or additional details within these records or databases, the conclusions of this Phase One ESA maybe affected.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of the property uses or activities.

7.a.iv. Phase One Conceptual Site Model

As a result of this investigation, PCAs contributing to APEC were determined to exist on the Phase One Property:

- De-icing activities on the Phase One Property;
- Use of fill material of unknown environmental quality;
- Generation, use and/or storage of hazardous wastes including petroleum distillates and waste oils and lubricants on the adjoining properties; and

The PCAs were determined through the site reconnaissance on March 31, 2014, as well as a review of other available databases and interviews. Contaminants of potential concern as a result of these activities include metals and inorganics, petroleum hydrocarbons (PHCs), volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs).

Based on available geological and topographical information, the groundwater flow direction is inferred to be in southeasterly direction towards the Humber River. A tributary of the Humber River runs from northwest to the southwest and crosses the Phase One Property approximately 310 m north of Major Mackenzie Drive. The Humber River is located approximately 1.3 km east of the Phase One Property. Groundwater levels may be influenced by the presence of subsurface utilities and can only be confirmed with longer term monitoring.

According to the Ontario Department of Mines Preliminary Map No. P.470, Bolton Sheet, Southern Ontario, the depth to bedrock is approximately 150 mbg.

Information used in this report was evaluated based on proximity to the Phase One Property, inferred direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of the use or activity.

It is not expected that any uncertainty or absence of information would affect the validity of the Conceptual Site Model (CSM).

8. CONCLUSIONS

8.a.i. Whether Phase Two ESA Required Before Record of Site Condition Submitted

Based on the information gathered with interviews and records review it was determined that there are PCAs associated with the current and historical activities on the Phase One Property and adjacent properties. As such, APECs are present throughout the Phase One. A limited soil investigation is recommended to evaluate the soil conditions on the Phase One Property, prior to excavation activities, within the identified APECs.

Phase One Property information obtained through historical records and databases reviewed as part of this investigation are subject to the nature and accuracy of the records provided to SPL. As a result of changes or additional details within these records or databases the conclusions of this Phase One ESA may be affected.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

Underground utilities are present on the Phase One Property. Subsurface utility trenching may influence the direction and extent of contamination if determined to exist as a result of areas of potentially contaminating activities.

8.a.ii. Record of Site Condition Based on Phase One Environmental Assessment Alone

Based on the findings of this investigation, a Record of Site Condition (RSC) under O.Reg153/04 as amended cannot be filed based solely on the Phase One Environmental Site Assessment.

8.a.iii. Signatures

This report was conducted under the supervision of Philip Romeril who is considered a Qualified Person with the Ministry of the Environment as defined under Ontario Regulation 153. Dave has reviewed and confirmed the findings and conclusions of this report.

The company SPL Consultants Limited (SPL) was incorporated in Ontario in April 2009. The firm consists of over 150 Engineers, Professional Geoscientists, Hydrogeologists, and Technicians in four offices located in Vaughan, Markham, Cambridge and Ottawa. The principals and the team members bring many years of experience in geotechnical, pavement and environmental fields.

Joeline Chan is a Project Manager with SPL. Joeline obtained a Bachelor of Science Honours Degree in Environmental Toxicology in 2006 at the University of Guelph. She has also earned a Post-Graduate Certificate in Environmental Control completed in 2007 at Sheridan Institute of Technology and Advanced Learning. She has completed many Phase One Environmental Assessments, Phase Two Environmental Soil and Groundwater Assessments and remediation work in her professional experience.

Michelle Locke is an Environmental Officer with SPL. Michelle has a Bachelor of Applied Science Degree from Queen's University and is a registered EIT with Professional Engineers of Ontario. She has worked on Phase One and Phase Two Environmental Site Assessments (ESAs), remediation work and Designated Substance Surveys/Asbestos Surveys since 2011.

Philip Romeril, P. Eng. is a Senior Environmental Engineer with SPL and has a Bachelor of Science Degree in Engineering Geology and a Master of Science Degree in Civil Engineering both from Queen's University. He has been a recognized Professional Engineer in Ontario since 1988. Philip has conducted and managed geo-environmental and hydrogeological investigations including Phase One and Two ESAs in Manitoba, Alberta, Northwest Territories, and the Alaskan and Canadian Beaufort Seas and remediation projects utilizing such technologies as dual phase vacuum extraction, in situ chemical oxidation, and monitored natural attenuation in a variety of geological settings in Ontario.

SPL Consultants Limited

Prepared by:



Michelle Locke, EIT
Environmental Officer

Reviewed by:



for: Joeline Chan, B.Sc.
Project Manager



Philip Romeril, P.Eng.
Senior Engineer – Environmental Services



ML, jc, pr

9. LIMITATIONS

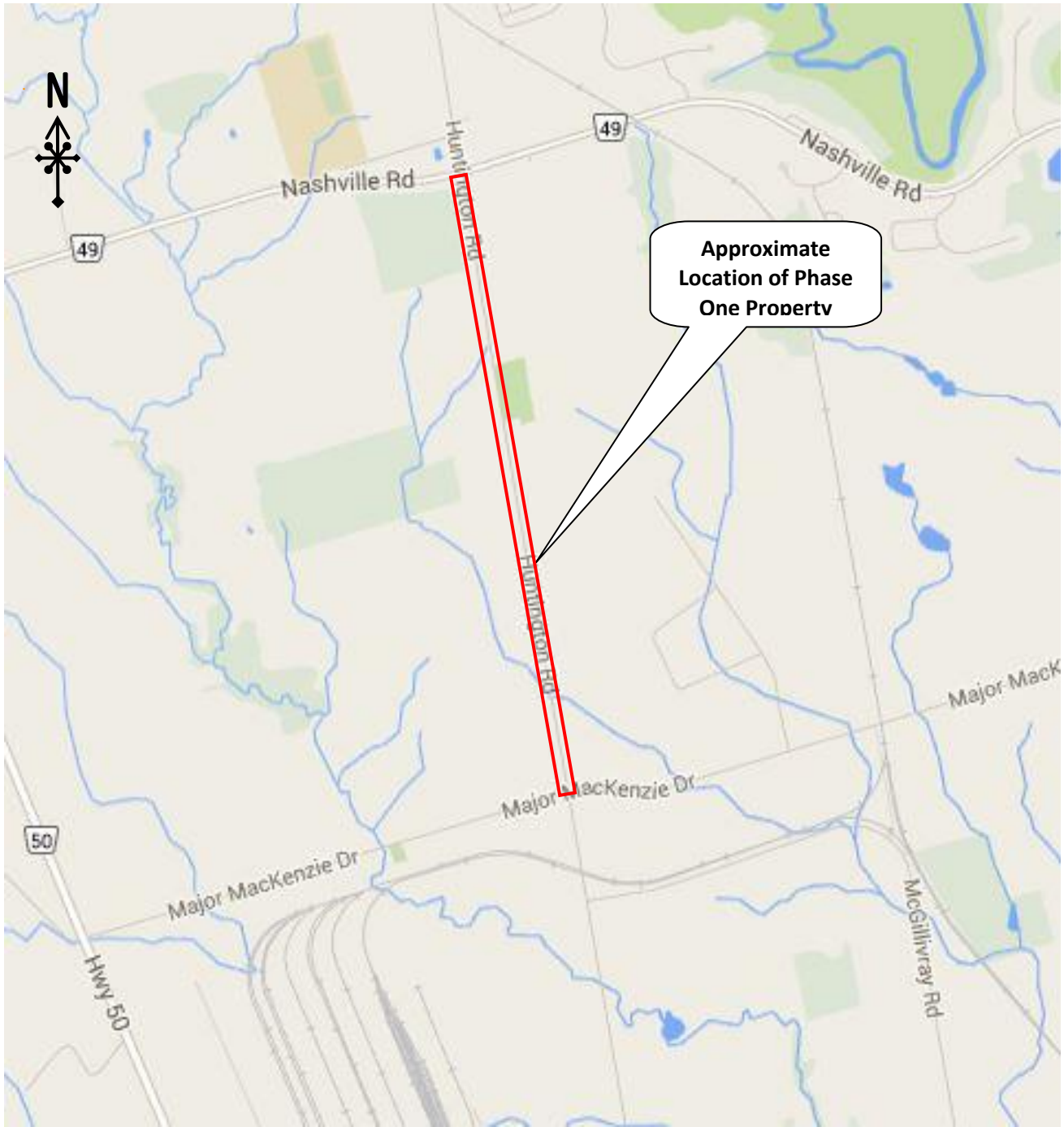
SPL has performed this site assessment in accordance with local generally accepted professional practices and procedures at the time of the assessment within the scope of Phase One Environmental Site Assessments under O. Reg 153/04 as amended. As such, the assessment update does not include any sampling or testing for potential contaminants such as asbestos, PCBs, radon gas, or airborne pollutants, etc. Occupancy use, codes, rules, and procedures change rapidly with time in the environmental engineering field and the reader is advised to update the findings and recommendations on a regular basis. The report herein comprises a statement of professional opinion based on visual observation only and the reader is advised that visual observation is not effective in determining all conditions that affect environmental compliance. These services are not subject to any express or implied warranties and none should be inferred.

This report was prepared for the account of Delcan Corporation and the City of Vaughan. The material in this report reflects SPL's judgment in light of the information available to it at the time of preparation. Any use, which a Third Party not noted above makes of this report, or any reliance on decisions to be made based on it, are the responsibility of such Third Parties. SPL Consultants Limited accepts no responsibility for damages, if any, suffered by any Third Party as a result of decisions made or actions based on this report.


10. REFERENCES

1. Topographic Maps - Ontario Base Map Series
2. The Canadian County Atlas 1918
3. Library and Archives Canada
4. Catalogue of Canadian Fire Insurance Plans 1875-1975
5. Dangerous Goods Accident Information System
6. Google Earth
7. Metropolitan Toronto City Directories
8. Ministry of Natural Resources Biodiversity Explorer
9. National Archives Collection. (aerial photographs)
10. Niagara Escarpment Plan Maps
11. Oak Ridges Moraine Conservation Plan Land Use Designation Map
12. Occupational Health and Safety Act
13. O.Reg 153/04 as amended
14. Waste Disposal Site Inventory
15. EcoLog Environmental Risk Information Service (ERIS)

Drawings



©Google Maps


SITE LOCATION PLAN			
 <p>51 Constellation Court Toronto, ON M9W 1K4 T: 416-798-0065 F: 416-798-0518</p>	Scale: 1:20,300	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART B – HUNTINGTON RD FROM MAJOR MACKENZIE DR. TO NASHVILLE RD., VAUGHAN, ON	Prepared By: ML
	Date: June 2014		Reviewed By: WDL
	Project: 10000163-210	Prepared For: Delcan Corporation	Drawing No. 1



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

Legend:

- Phase One Property
- Potentially Contaminating Activity (PCA)
- Phase One Study Area (250 m offset)
- APEC - 1
- APEC - 2
- + MOE Water Well

Client: Delcan Corporation		Project No: 1000163 - 210	Drawing No: 2
Drawn: NS	Approved: DL	Title: PHASE ONE CONCEPTUAL SITE MODEL	
Date: May 2014	Scale: As shown	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART B - HUNTINGTON RD FROM LANGSTAFF TO MCGILLIVRAY RD VAUGHAN, ONTARIO	
Original Size: Tabloid	Rev: 0		
		51 Constellation Court Toronto, ON M9W 1K4 T: 416-798-0065 F: 416-550-5288	

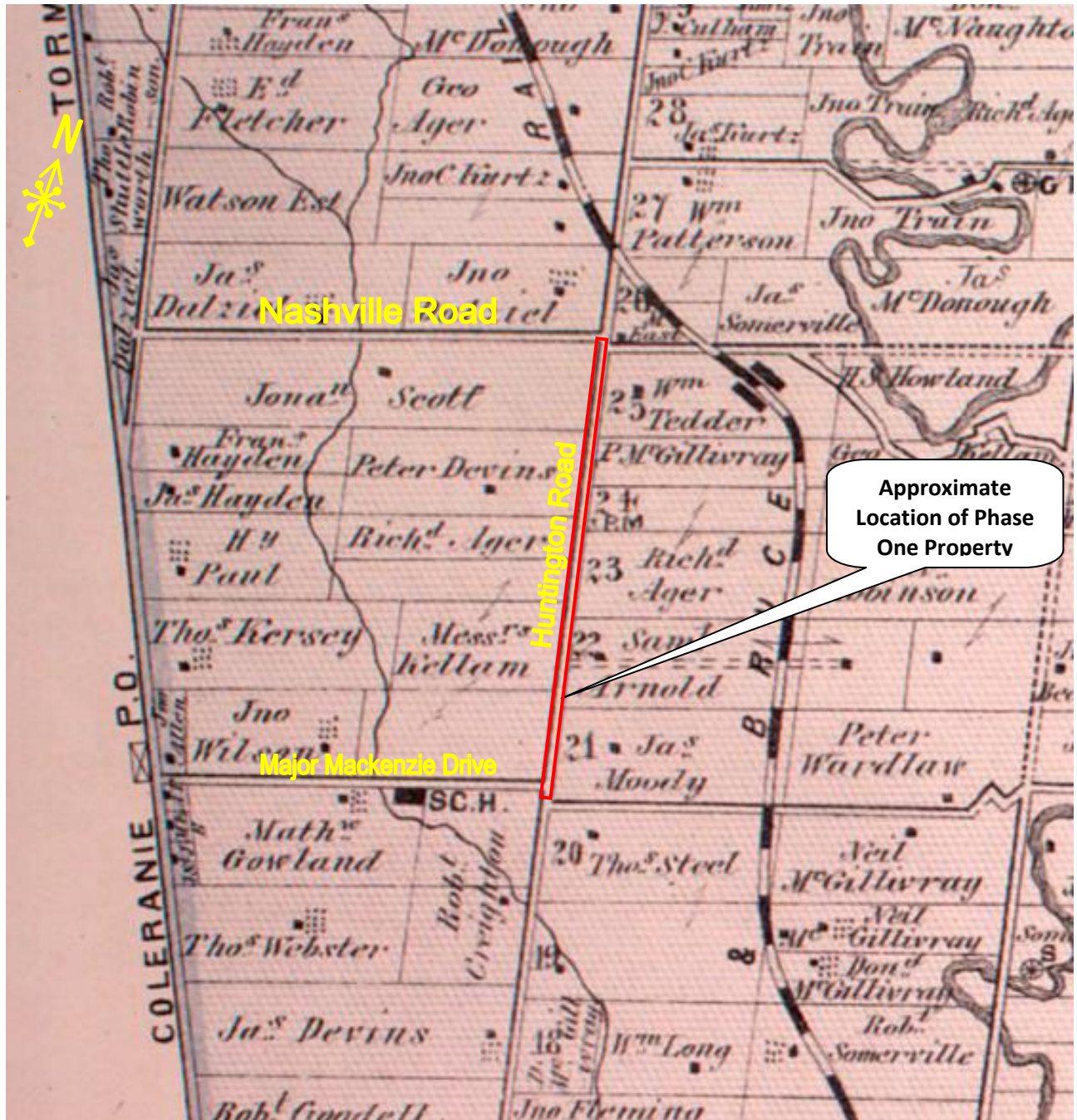
APPENDIX A

City Directory Search

Address	Direction from Phase One Property	Current Occupant	Historical Occupant
8400 – 10863 Huntington Road	East and West Adjacent	Residential/ Commercial	Residential (1998, 1995, 1990, 1986, 1979) Commercial (1998, 1995) AGC Inc (1998) Not Listed (1975, 1970, 1965, 1960)
6910 Roe Road	West Adjacent	Residential	Not Listed (1998, 1995, 1990, 1986, 1979, 1975, 1970, 1965, 1960)
6611 Major Mackenzie Drive West	West Neighbouring	Residential	Residential (1998, 1995, 1990, 1979, 1975) Not listed (1986, 1970, 1965, 1960)
887 – 1070 Nashville Road	East Neighbouring	Residential	Residential (1998, 1995, 1990, 1986, 1979) Commercial (1995) 950 Nashville Road - Ontario Monument Co Ltd (1995) Not Listed (1975, 1970, 1965, 1960)
6950 Nashville Road	West Neighbouring	Residential	Not Listed (1998, 1995, 1990, 1986, 1979, 1975, 1970, 1965, 1960)
7011 Nashville Road	West Neighbouring	Residential	Residential (1986) Not Listed (1998, 1995, 7011, 1979, 1975, 1970, 1965, 1960)
325 – 142 Moody Drive	East Neighbouring	Residential	Not Listed (1998, 1995, 1990, 1986, 1979, 1975, 1970, 1965, 1960)

APPENDIX B

Aerial Photographs



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AERIAL PHOTOGRAPH: 1878



51 Constellation Court
Toronto, ON M9W 1K4

T: 416-798-0065 F: 416-798-0518

Scale:
1:28,700

Date:
June 2014

Project:
10000163-210

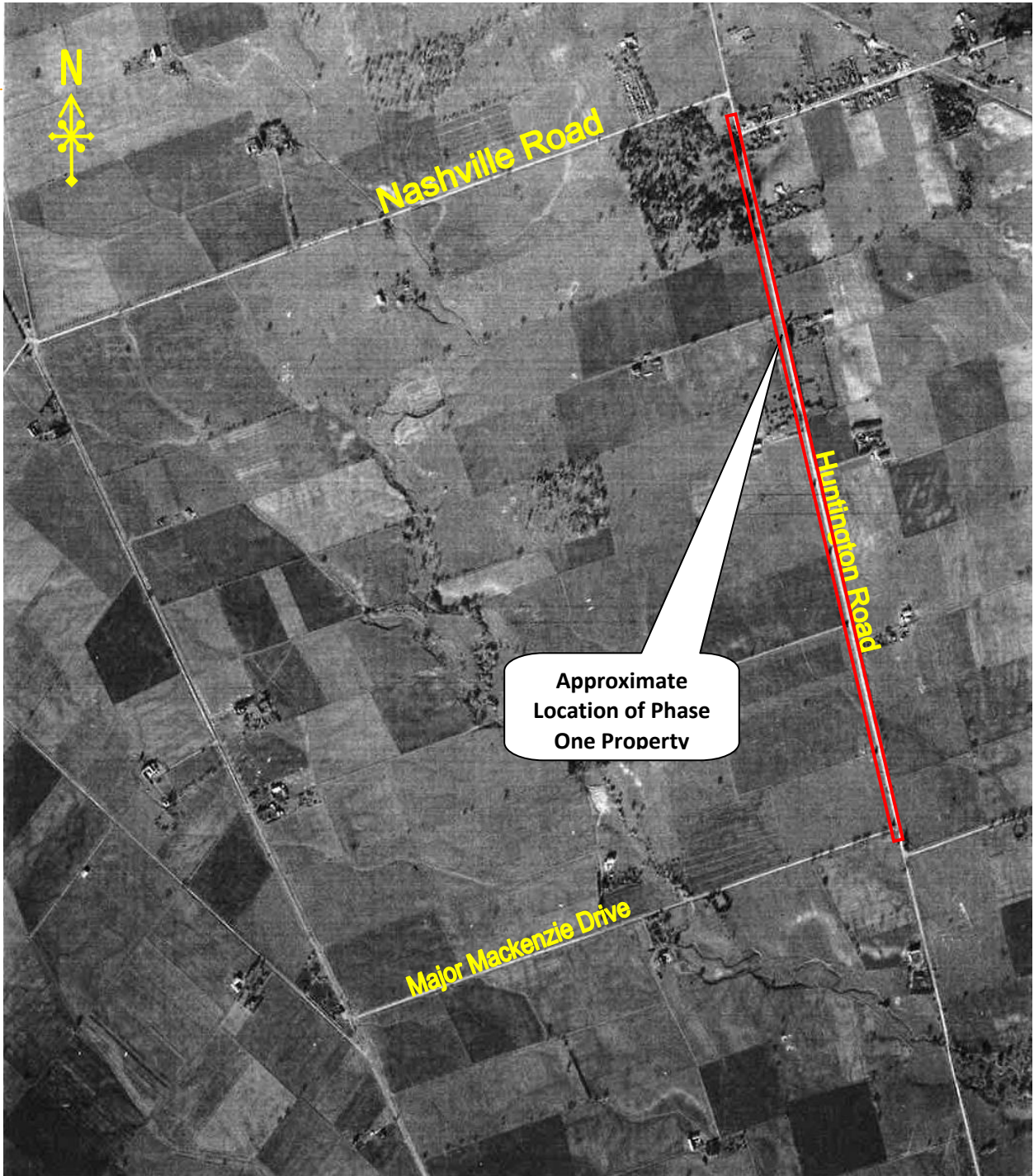
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART B – HUNTINGTON RD FROM MAJOR MACKENZIE DR. TO NASHVILLE RD., VAUGHAN, ON

Prepared For: Delcan Corporation

Prepared By:
ML

Reviewed By:
WDL

Drawing No.
B-1



© National Archives

AERIAL PHOTOGRAPH: 1946



51 Constellation Court
Toronto, ON M9W 1K4

T: 416-798-0065 F: 416-798-0518

Scale:
1:17,500

Date:
June 2014

Project:
10000163-210

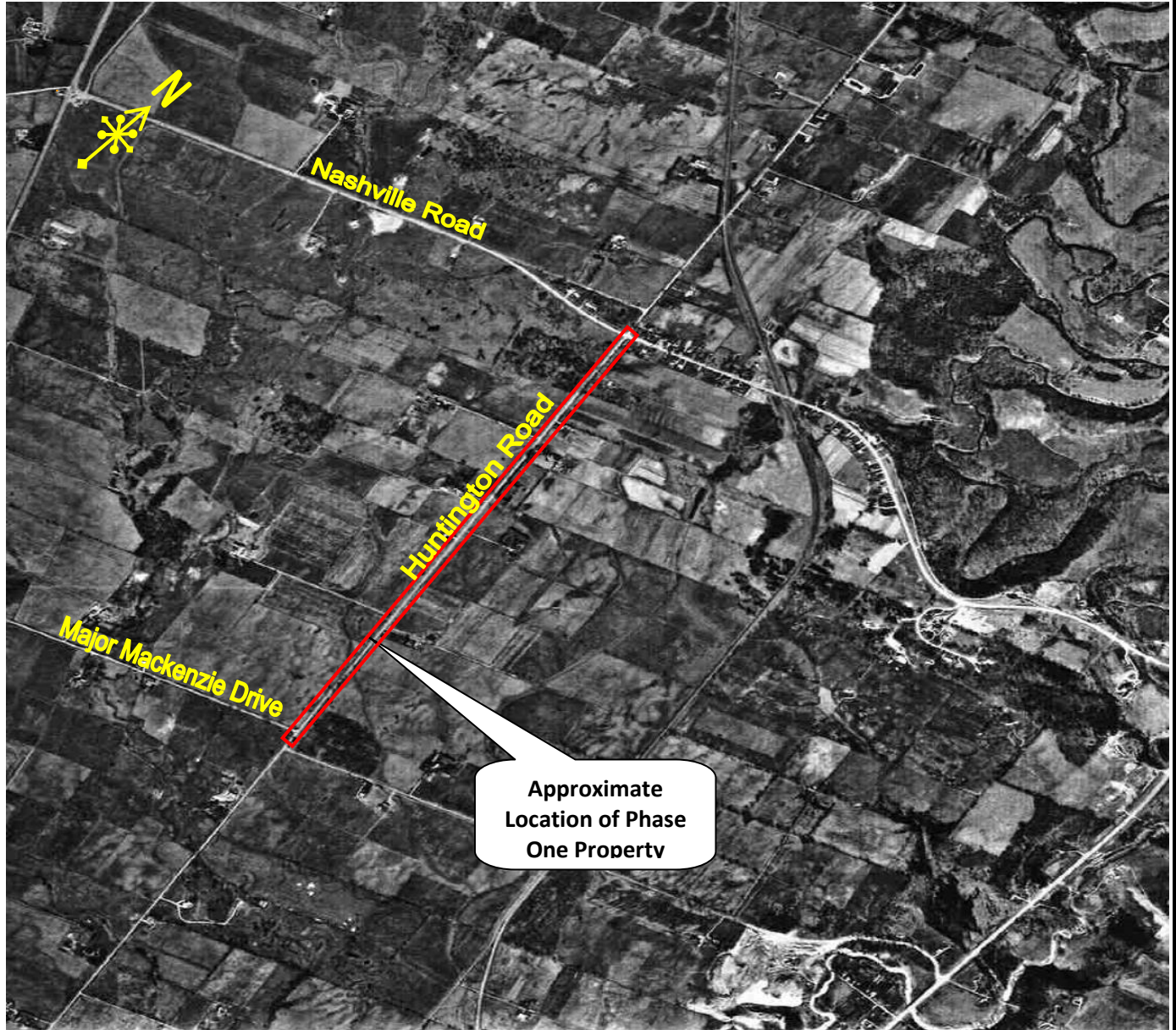
**PHASE ONE ENVIRONMENTAL SITE
ASSESSMENT**
**PART B – HUNTINGTON RD FROM
MAJOR MACKENZIE DR. TO
NASHVILLE RD., VAUGHAN, ON**

Prepared For: Delcan Corporation


Prepared By:
ML

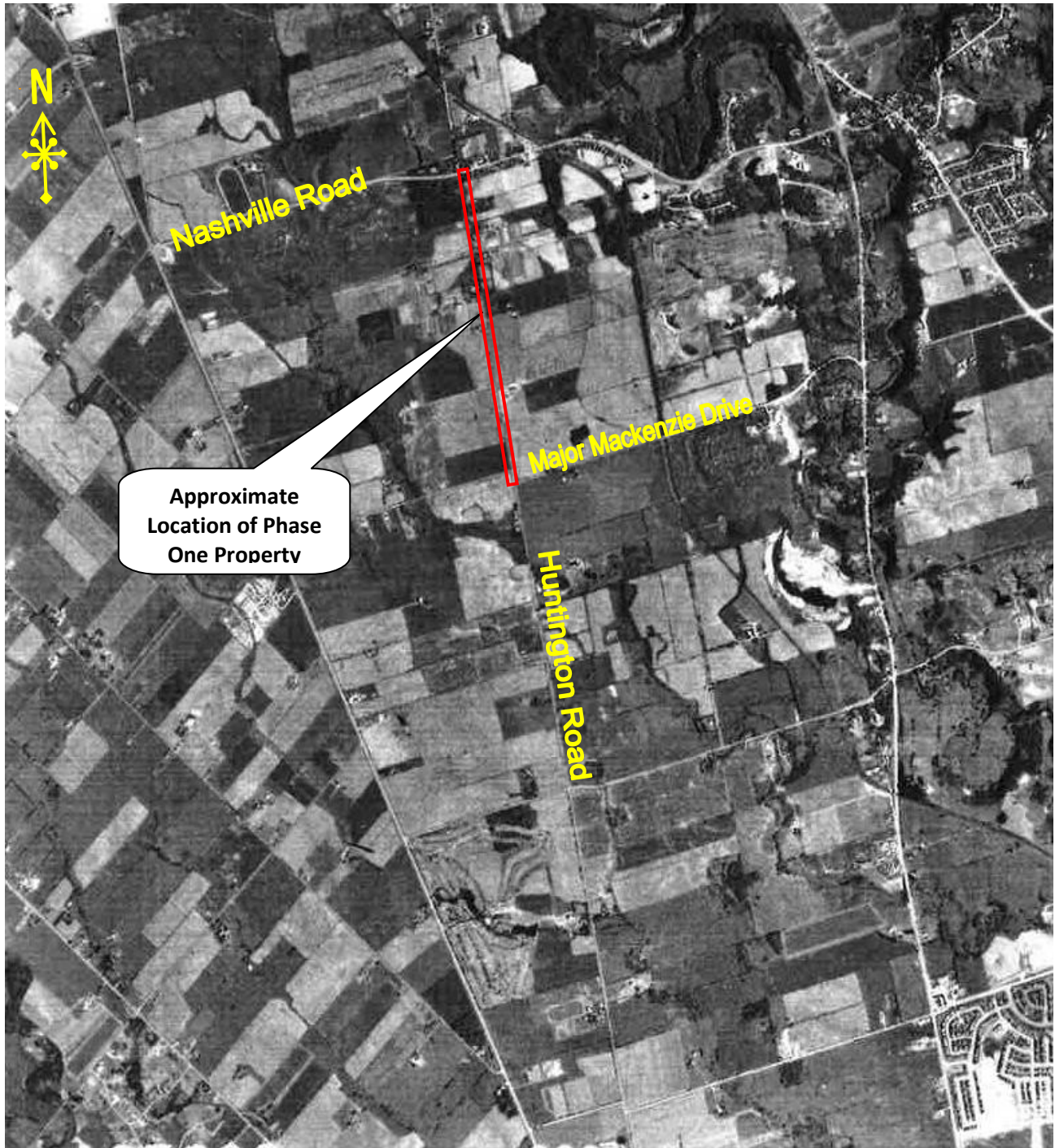
Reviewed By:
WDL

Drawing No.
B-2




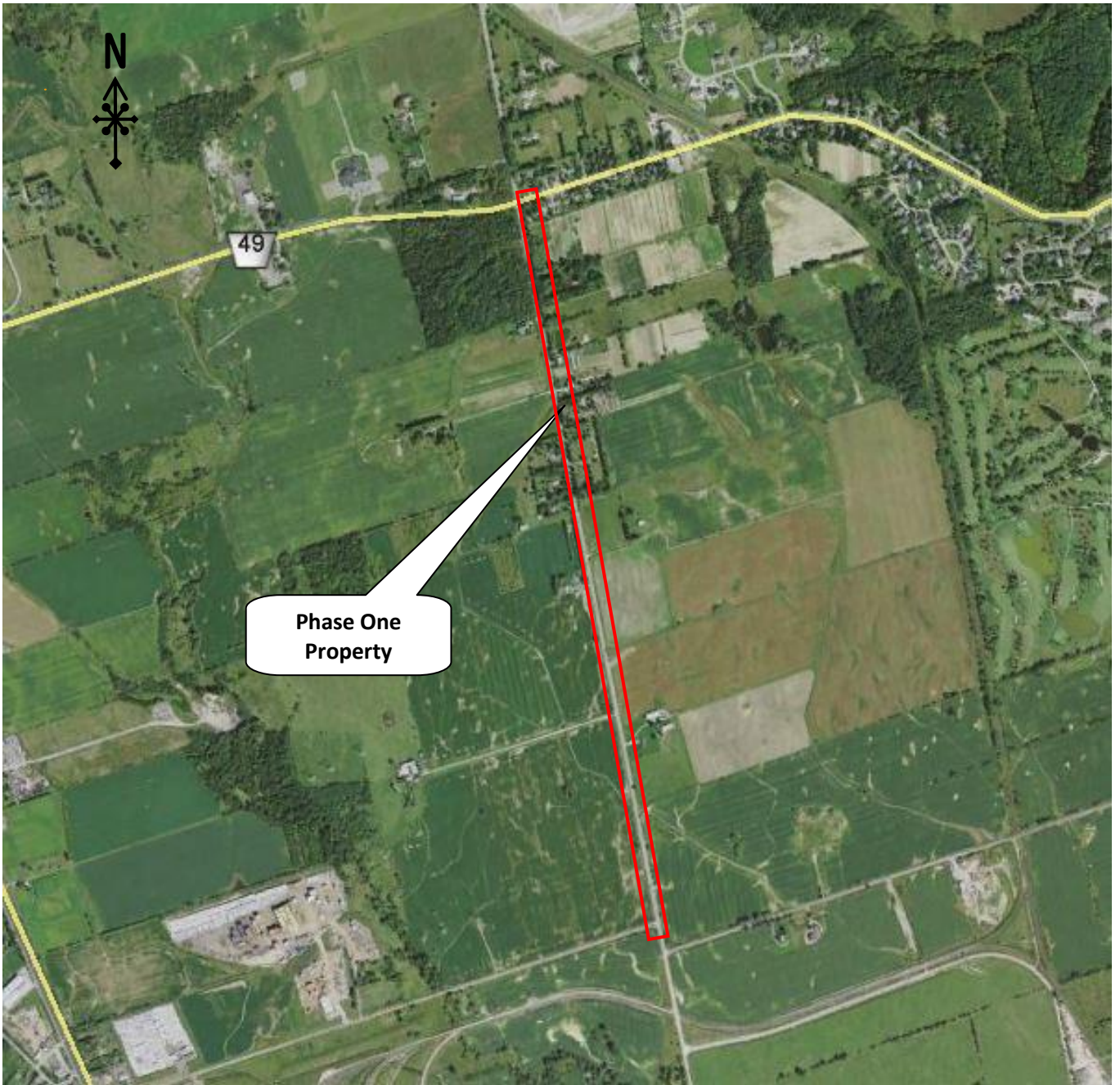
© National Archives

AERIAL PHOTOGRAPH: 1968			
 <p>51 Constellation Court Toronto, ON M9W 1K4 T: 416-798-0065 F: 416-798-0518</p>	Scale: 1:25,100	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART B – HUNTINGTON RD FROM MAJOR MACKENZIE DR. TO NASHVILLE RD., VAUGHAN, ON	Prepared By: ML
	Date: June 2014		Reviewed By: WDL
	Project: 10000163-210	Prepared For: Delcan Corporation	Drawing No. B-3



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AERIAL PHOTOGRAPH: 1988			
 <p>51 Constellation Court Toronto, ON M9W 1K4 T: 416-798-0065 F: 416-798-0518</p>	Scale: 40,100	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART B – HUNTINGTON RD FROM MAJOR MACKENZIE DR. TO NASHVILLE RD., VAUGHAN, ON	Prepared By: ML
	Date: June 2014		Reviewed By: WDL
	Project: 10000163-210	Prepared For: Delcan Corporation	Drawing No. B-4



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51 Constellation Court
Toronto, ON M9W 1K4

T: 416-798-0065 F: 416-798-0518

SATELLITE IMAGE: 2009

Scale:
1:17,500

Date:
June 2014

Project:
10000163-210

**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
PART B – HUNTINGTON RD FROM MAJOR MACKENZIE DR. TO NASHVILLE RD., VAUGHAN, ON**

Prepared For: Delcan Corporation

Prepared By:
ML

Reviewed By:
WDL

Drawing No.
B-5

APPENDIX C

Site Photographs



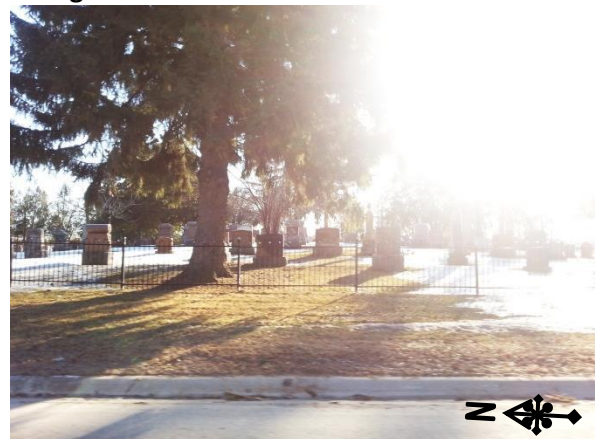
1. View of Huntington Road, north of Major Mackenzie Drive, facing south.



2. View of west adjacent property used for agricultural purposes, south of Nashville Road, facing west.



3. View of Enbridge marked gas line located on the east side of Huntington Road, north of Nashville Road, facing northeast.



4. View of cemetery and crematorium located east adjacent to the Huntington Road, south of Nashville Road, facing east.



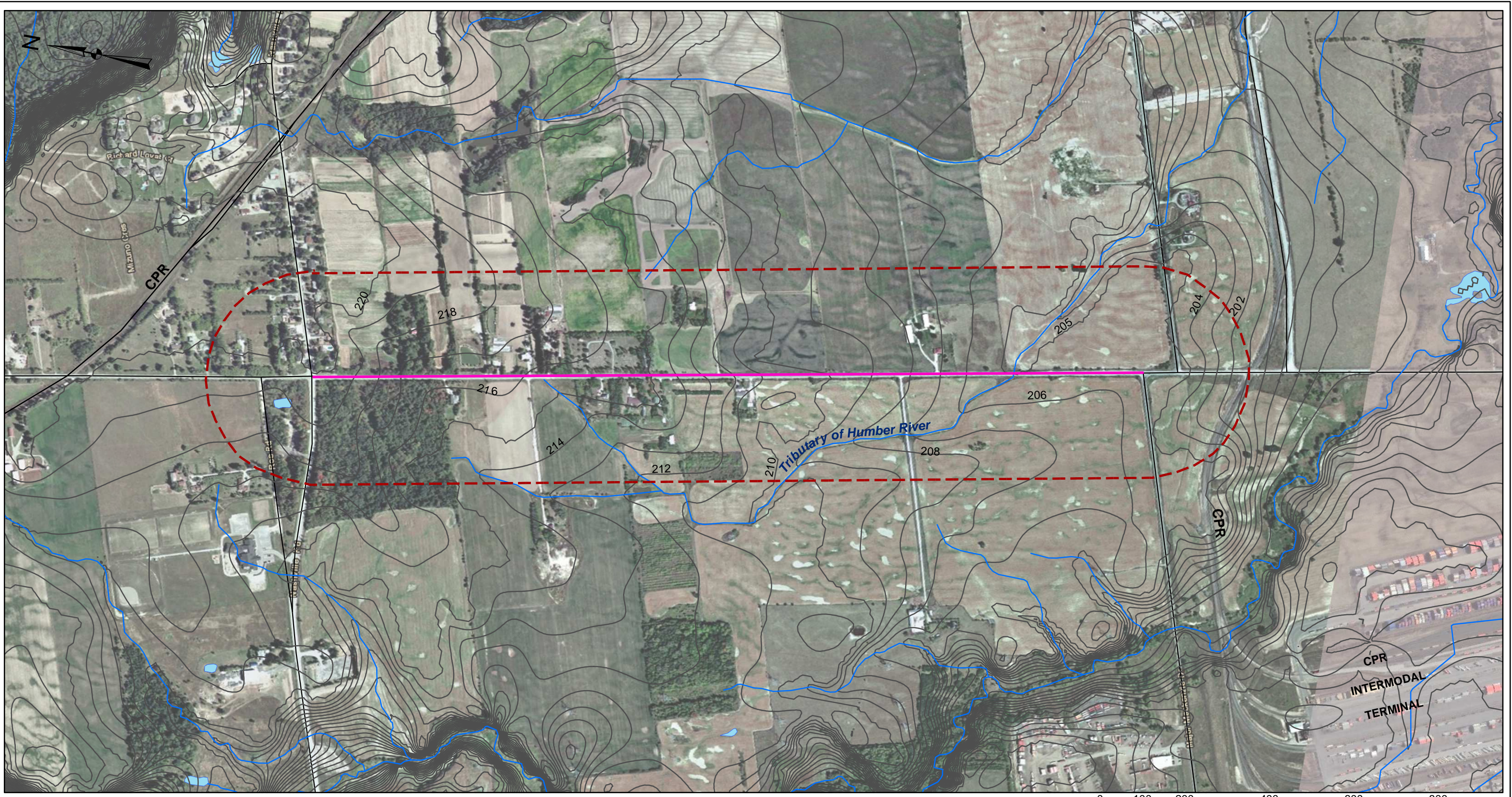
5. View of the rail crossing located south of the Phase One Property at McGillivray Road, facing south.



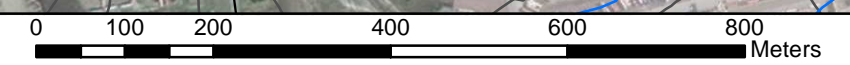
6. View of a stormwater culvert and fire hydrant located on the east side of Huntington Road at Nashville Road, facing north.

APPENDIX D

Topographic Map




Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community
 Region of Peel Base Mapping



Legend:

- Phase One Property
- - - - - Phase One Study Area (250 m offset)
- 1 m Contour

Client: Delcan Corporation		Project No: 1000163 - 210	Drawing No: D-1
Drawn: NS	Approved: DL	Title: TOPOGRAPHIC MAP	
Date: May 2014	Scale: As shown	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART B - HUNTINGTON RD FROM LANGSTAFF TO MCGILLIVRAY RD VAUGHAN, ONTARIO	
Original Size: Tabloid	Rev: 0		
		<small>51 Constellation Court Toronto, ON M9W 1K4 T: 416-798-0065 F: 416-550-5288</small>	

APPENDIX E

EcoLog ERIS Report



DATABASE REPORT



Project Property:

*Huntington Road from Langstaff Road to Nashville
Road located in Vaughan, ON
Huntington Road
Vaughan ON*

Report Type:

Custom-Build Your Own Report

Order #:

20140320039

Requested by:

SPL Consultants Limited

Date:

March 28, 2014

Ecolog ERIS Ltd.

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

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: *Huntington Road from Langstaff Road to Nashville Road located in Vaughan, ON
Huntington Road Vaughan ON*

Order Information:

Order No.: *20140320039*
Date Requested: *28/03/2014*
Requested by: *SPL Consultants Limited*
Report Type: *Custom-Build Your Own Report*

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	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	11	11
CA	Certificates of Approval	Y	0	4	4
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
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	12	12
EIS	Environmental Issues Inventory System	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	4	4
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
	Sites				
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	3	3
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	3	3
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
SPL	Ontario Spills	Y	0	6	6
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	42	43
Total:			1	89	90

Executive Summary: Site Report Summary – Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Page Number</i>
9	WWIS		ON	18

Executive Summary: Site Report Summary – Surrounding Properties

Map Key	DB	Company/Site Name	Address	Page Number
1	WWIS		lot 11 con 10 ON	18
2	WWIS			19
3	WWIS		ON	
3	WWIS		lot 13 con 9 ON	19
4	SPL	VAUGHAN HYDRO	HUNTINGTON RD JUST SOUTH OF RUTHERFORD RD. MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON	20
4	SPL	PRIVATE OWNER	300M S OF RUTHERFORD ON HUNTINGTON STORAGE TANK/BARREL VAUGHAN CITY ON	20
4	SPL	VAUGHAN HYDRO	HUNTINGTON RD. SOUTH OF RUTHERFORD RD. MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON	20
5	EHS		Rutherford Road And Huntington Vaughan ON	21
6	BORE			21
6	BORE		ON	
7	CA	Molise Kleinburg Estates Inc.	Road Allowance on Huntington Road and McGillivray Road Vaughan ON	21
8	CA	Longo Brothers Fruit Markets Inc.	8800 Huntington Rd Vaughan ON	21
8	EBR	Longo Brothers Fruit Market Inc.	8800 Huntington Rd Vaughan ON	22
8	EBR	Longo Brothers Fruit Markets Inc.	8800 Huntington Rd Vaughan ON	22
8	EBR	Longo Brothers Fruit Markets Inc.	8800 Huntington Rd Vaughan ON	22
8	GEN	Longo Brothers Food Markets Inc	8800 Huntington Rd Vaughan ON	22
8	SPL	Neelands Refrigeration Limited	8800 Huntington Rd Vaughan ON	22
10	SPL		8800 Hungtington Rd Vaughan ON	23
11	GEN	THE CITY OF VAUGHAN	10440 Huntington Rd. Nashville ON L6A 1T1	23
12	WWIS		lot 16 con 9 ON	23
13	CA	Molise Kleinburg Estates Inc.	Huntington Road & Major Mackenzie Dr Lot 13-21, Concession 9, 10 Vaughan ON	24
14	EHS		8811 Huntington Road Vaughan ON	24
14	EHS		8811 Huntington Road Vaughan ON	24
14	EHS		8811 Huntington Road Vaughan ON	25

Map Key	DB	Company/Site Name	Address	Page Number
15	WWIS		lot 23 con 10 ON	25
15	WWIS		lot 23 con 10 ON	25
16	WWIS		lot 33 con 10 ON	26
17	WWIS		lot 25 con 10 ON	27
18	WWIS		lot 21 con 9 ON	28
19	WWIS		lot 23 con 10 ON	28
20	WWIS		lot 10 con 10 ON	29
20	WWIS		lot 10 con 10 ON	29
21	WWIS		lot 23 con 10 ON	30
22	WWIS		lot 6 con 10 ON	30
23	WWIS		lot 25 con 9 ON	31
24	EASR	BETHPAGE PROPERTIES NORTH INC.	8966 HUNTINGTON RD VAUGHAN ON	31
25	BORE		ON	31
26	CA	Daniel Contracting Ltd.	975 Nashville Road Vaughan ON	32
27	WWIS		lot 12 con 10 ON	32
28	WWIS		lot 12 con 10 ON	32
29	WWIS		lot 24 con 9 ON	33
30	BORE		ON	34
31	BORE		ON	34
32	WWIS		lot 24 con 10 ON	34
33	WWIS		lot 22 con 9 ON	35
34	BORE		ON	36
35	WWIS		ON	36
36	WWIS		lot 18 con 10 ON	37
37	BORE		ON	37
38	GEN	John Burbidge Farm	10555 Huntington Road Nashville ON L0S 1C0	37
39	WWIS		lot 25 con 10 ON	38

Map Key	DB	Company/Site Name	Address	Page Number
40	WWIS		lot 17 con 10 ON	38
41	GEN	MAZZA LANDSCAPING ENTERPRISES INC.	9307 HUNTINGTON ROAD VAUGHAN ON L0J 1H0	39
41	PES	914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC	9307 HUNTINGTON RD KLEINBURG ON L0J 1C0	39
41	PES	MAZZA LANDSCAPING ENTERPRISES INC. 914272 ONT. INC.	9307 HUNTINGTON ROAD 364 KLEINBURG ON L0J 1C0	39
42	EHS		8934 Huntington Road Kleinburg (Vaughan) ON L0J 1C0	39
42	EHS		8934 huntington Road Kleinburg ON L0J 1C0	40
42	RSC	Theresa Frame GARIBALDI	8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	40
42	RSC	Theresa Frame GARIBALDI	8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	40
42	RSC	Theresa Frame GARIBALDI	8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	41
43	WWIS		lot 10 con 10 ON	41
44	BORE		ON	42
45	WWIS		lot 25 con 9 ON	42
46	WWIS		lot 17 con 10 ON	42
47	BORE		ON	43
48	WWIS		lot 17 con 10 ON	43
49	WWIS		lot 18 con 9 ON	44
50	WWIS		ON	45
51	EHS		Part Lot 9, Con 10 Vaughan ON	45
52	BORE		ON	45
53	WWIS		lot 10 con 10 ON	46
54	WWIS		lot 25 con 10 ON	46
55	EHS		8700 Huntington Road Vaughan ON	47
56	BORE		ON	47
57	PES	LAWN MEDICS	930 NASHVILLE RD KLEINBURG ON L0J 1C0	48
58	WWIS		lot 15 con 10 ON	48
59	EHS		8736 Huntington Road Vaughan ON	48

Map Key	DB	Company/Site Name	Address	Page Number
60	EHS		8700 HUNTINGTON RD VAUGHAN ON	48
61	WWIS		lot -01 con 10 ON	48
62	WWIS		lot 17 con 10 ON	49
63	EHS		9441 Huntington Road Vaughan ON	49
64	WWIS		lot 23 con 9 ON	50
65	WWIS		lot -01 con 10 ON	50
66	WWIS		lot 25 con 9 ON	51
67	SPL		8400 Huntington Rd Vaughan ON L4L 1A5	51
68	SCT	Interfusion Inc.	926 Nashville Rd Kleinburg ON L0J 1C0	52
69	WWIS		lot 13 con 10 ON	52
70	WWIS		lot 18 con 9 ON	52
71	EHS		Highway 50 at Langstaff Road Vaughan ON	53
72	WWIS		lot 10 con 10 ON	53
73	BORE		ON	54
74	WWIS		lot 25 con 9 ON	54

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Aug 2011 has found that there are 11 BORE site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	ON	6
	ON	25
	ON	30
	ON	31
	ON	34
	ON	37
	ON	44
	ON	47
	ON	52
	ON	56
	ON	73

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Molise Kleinburg Estates Inc.	Road Allowance on Huntington Road and McGillivray Road Vaughan ON	7
Longo Brothers Fruit Markets Inc.	8800 Huntington Rd Vaughan ON	8
Molise Kleinburg Estates Inc.	Huntington Road & Major Mackenzie Dr Lot 13-21, Concession 9, 10 Vaughan ON	13

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Daniel Contracting Ltd.	975 Nashville Road Vaughan ON	26

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 31 2011-Feb 2014 has found that there are 1 EASR site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
BETHPAGE PROPERTIES NORTH INC.	8966 HUNTINGTON RD VAUGHAN ON	24

EBR - Environmental Registry

A search of the EBR database, dated 1994-Feb 2014 has found that there are 2 EBR site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Longo Brothers Fruit Market Inc.	8800 Huntington Rd Vaughan ON	8
Longo Brothers Fruit Markets Inc.	8800 Huntington Rd Vaughan ON	8

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 2013 has found that there are 12 EHS site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	Rutherford Road And Huntington Vaughan ON	5
	8811 Huntington Road Vaughan ON	14
	8811 Huntington Road Vaughan ON	14
	8811 Huntington Road Vaughan ON	14
	8934 Huntington Road Kleinburg (Vaughan) ON L0J 1C0	42
	8934 huntington Road Kleinburg ON L0J 1C0	42
	Part Lot 9, Con 10 Vaughan ON	51
	8700 Huntington Road Vaughan ON	55

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	8736 Huntington Road Vaughan ON	59
	8700 HUNTINGTON RD VAUGHAN ON	60
	9441 Huntington Road Vaughan ON	63
	Highway 50 at Langstaff Road Vaughan ON	71

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 2013 has found that there are 4 GEN site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Longo Brothers Food Markets Inc	8800 Huntington Rd Vaughan ON	8
THE CITY OF VAUGHAN	10440 Huntington Rd. Nashville ON L6A 1T1	11
John Burbidge Farm	10555 Huntington Road Nashville ON LOS 1C0	38
MAZZA LANDSCAPING ENTERPRISES INC.	9307 HUNTINGTON ROAD VAUGHAN ON L0J 1H0	41

PES - Pesticide Register

A search of the PES database, dated 1988-Jun 2013 has found that there are 3 PES site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
MAZZA LANDSCAPING ENTERPRISES INC. 914272 ONT. INC.	9307 HUNTINGTON ROAD 364 KLEINBURG ON L0J 1C0	41
914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC	9307 HUNTINGTON RD KLEINBURG ON L0J 1C0	41
LAWN MEDICS	930 NASHVILLE RD KLEINBURG ON L0J 1C0	57

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Feb 2014 has found that there are 3 RSC site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Theresa Frame GARIBALDI	8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	42
Theresa Frame GARIBALDI	8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	42
Theresa Frame GARIBALDI	8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	42

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011 has found that there are 1 SCT site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
Interfusion Inc.	926 Nashville Rd Kleinburg ON L0J 1C0	68

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2013 has found that there are 6 SPL site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
VAUGHAN HYDRO	HUNTINGTON RD. SOUTH OF RUTHERFORD RD. MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON	4
VAUGHAN HYDRO	HUNTINGTON RD JUST SOUTH OF RUTHERFORD RD. MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON	4
PRIVATE OWNER	300M S OF RUTHERFORD ON HUNTINGTON STORAGE TANK/BARREL VAUGHAN CITY ON	4
Neelands Refrigeration Limited	8800 Huntington Rd Vaughan ON	8
	8800 Hungtington Rd Vaughan ON	10
	8400 Huntington Rd Vaughan ON L4L 1A5	67

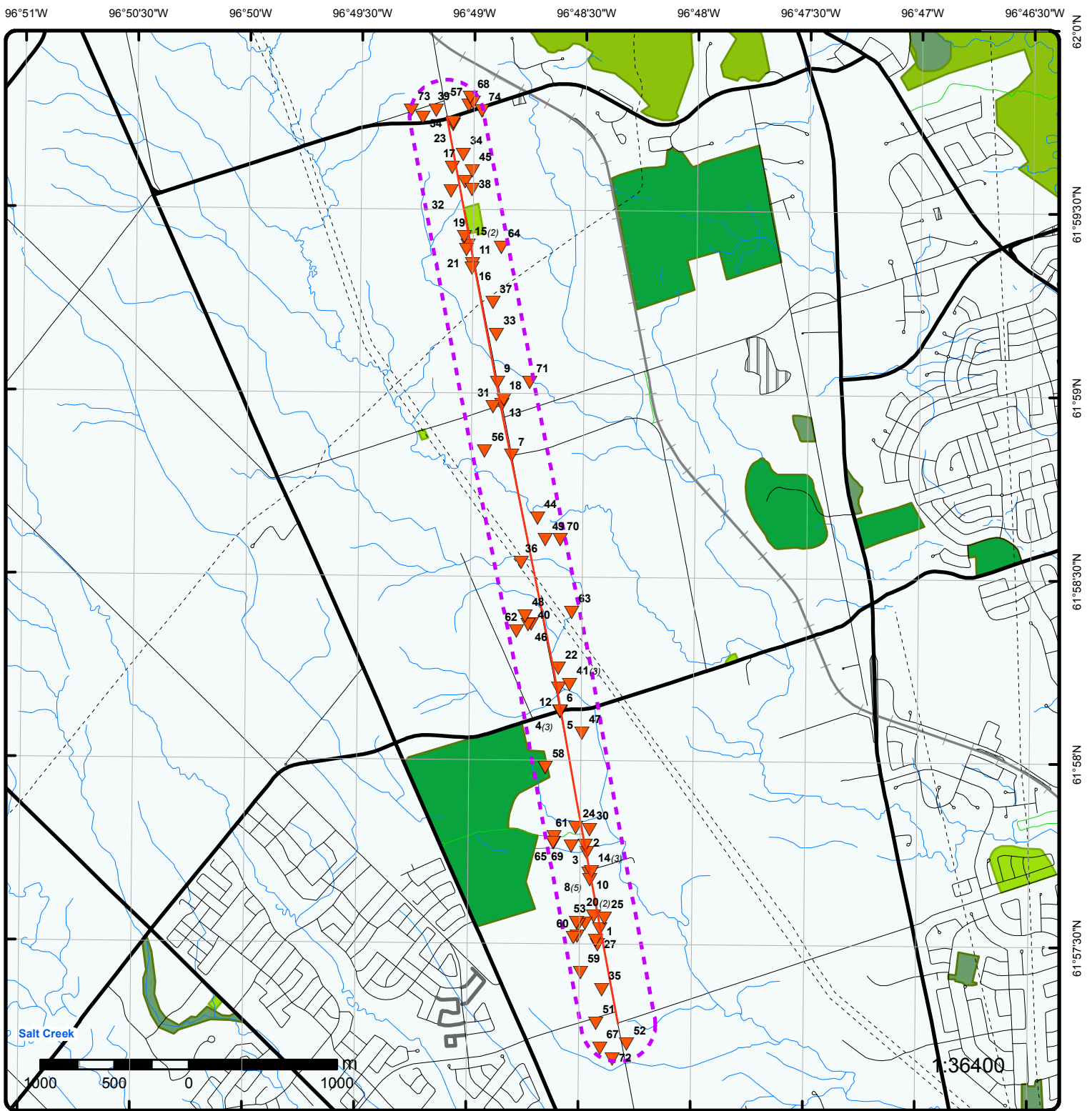
WWIS - Water Well Information System

A search of the WWIS database, dated 1955-May 2013 has found that there are 43 WWIS site(s) within approximately 0.25 Kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	lot 11 con 10 ON	1
	ON	2

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	lot 13 con 9 ON	3
	ON	9
	lot 16 con 9 ON	12
	lot 23 con 10 ON	15
	lot 23 con 10 ON	15
	lot 33 con 10 ON	16
	lot 25 con 10 ON	17
	lot 21 con 9 ON	18
	lot 23 con 10 ON	19
	lot 10 con 10 ON	20
	lot 10 con 10 ON	20
	lot 23 con 10 ON	21
	lot 6 con 10 ON	22
	lot 25 con 9 ON	23
	lot 12 con 10 ON	27
	lot 12 con 10 ON	28
	lot 24 con 9 ON	29
	lot 24 con 10 ON	32
	lot 22 con 9 ON	33
	ON	35
	lot 18 con 10 ON	36
	lot 25 con 10 ON	39
	lot 17 con 10 ON	40

<u>Site</u>	<u>Address</u>	<u>Map Key</u>
	lot 10 con 10 ON	43
	lot 25 con 9 ON	45
	lot 17 con 10 ON	46
	lot 17 con 10 ON	48
	lot 18 con 9 ON	49
	ON	50
	lot 10 con 10 ON	53
	lot 25 con 10 ON	54
	lot 15 con 10 ON	58
	lot -01 con 10 ON	61
	lot 17 con 10 ON	62
	lot 23 con 9 ON	64
	lot -01 con 10 ON	65
	lot 25 con 9 ON	66
	lot 13 con 10 ON	69
	lot 18 con 9 ON	70
	lot 10 con 10 ON	72
	lot 25 con 9 ON	74



Map

Order No: 20140320039

Address: Huntington Road, Vaughan, ON

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



Aerial

Order No: 20140320039

Address: Huntington Road, Vaughan, ON

Detail Report

Map Key	Number of Records	Elevation m	Site	DB		
9	1 of 1	0.0	ON	<u>WWIS</u>		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Well ID: 7132341</p> <p>Concession:</p> <p>County: YORK</p> <p>Easting Nad83: 607742</p> <p>Zone: 17</p> <p>Primary Water Use: Monitoring</p> <p>Sec. Water Use:</p> <p>Pump Rate:</p> <p>Flow Rate:</p> <p>Specific Capacity:</p> <p>Construction Method: Boring</p> <p>Elevation (m): 204.33</p> <p>Depth to Bedrock:</p> <p>Water Type:</p> <p>--- Details ---</p> <p>Thickness: 2 ft</p> <p>Material Colour: BROWN</p> <p>+</p> <p>Thickness: 23 ft</p> <p>Material Colour: GREY</p> <p>+</p> <p>Thickness: 10 ft</p> <p>Material Colour: GREY</p> <p>+</p> <p>Thickness: 10 ft</p> <p>Material Colour: GREY</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Lot:</p> <p>Concession Name:</p> <p>Municipality: VAUGHAN TOWN (VAUGHAN TWP)</p> <p>Northing Nad83: 4853286</p> <p>Utm Reliability: margin of error : 30 m - 100 m</p> <p>Construction Date: 17-MAR-09</p> <p>Well Depth: 45 ft</p> <p>Static Water Level:</p> <p>Clear/Cloudy:</p> <p>Final Well Status: Observation Wells</p> <p>Flowing (y/n):</p> <p>Elevation Reliability:</p> <p>Overburden/Bedrock:</p> <p>Casing Material: PLASTIC</p> <p>Original Depth: 2 ft</p> <p>Material: SAND, GRAVEL, LOOSE</p> <p>Original Depth: 25 ft</p> <p>Material: CLAY, , SOFT</p> <p>Original Depth: 35 ft</p> <p>Material: SILT, SAND, HARD</p> <p>Original Depth: 45 ft</p> <p>Material: SAND, SILT, HARD</p> </td> </tr> </table>					<p>Well ID: 7132341</p> <p>Concession:</p> <p>County: YORK</p> <p>Easting Nad83: 607742</p> <p>Zone: 17</p> <p>Primary Water Use: Monitoring</p> <p>Sec. Water Use:</p> <p>Pump Rate:</p> <p>Flow Rate:</p> <p>Specific Capacity:</p> <p>Construction Method: Boring</p> <p>Elevation (m): 204.33</p> <p>Depth to Bedrock:</p> <p>Water Type:</p> <p>--- Details ---</p> <p>Thickness: 2 ft</p> <p>Material Colour: BROWN</p> <p>+</p> <p>Thickness: 23 ft</p> <p>Material Colour: GREY</p> <p>+</p> <p>Thickness: 10 ft</p> <p>Material Colour: GREY</p> <p>+</p> <p>Thickness: 10 ft</p> <p>Material Colour: GREY</p>	<p>Lot:</p> <p>Concession Name:</p> <p>Municipality: VAUGHAN TOWN (VAUGHAN TWP)</p> <p>Northing Nad83: 4853286</p> <p>Utm Reliability: margin of error : 30 m - 100 m</p> <p>Construction Date: 17-MAR-09</p> <p>Well Depth: 45 ft</p> <p>Static Water Level:</p> <p>Clear/Cloudy:</p> <p>Final Well Status: Observation Wells</p> <p>Flowing (y/n):</p> <p>Elevation Reliability:</p> <p>Overburden/Bedrock:</p> <p>Casing Material: PLASTIC</p> <p>Original Depth: 2 ft</p> <p>Material: SAND, GRAVEL, LOOSE</p> <p>Original Depth: 25 ft</p> <p>Material: CLAY, , SOFT</p> <p>Original Depth: 35 ft</p> <p>Material: SILT, SAND, HARD</p> <p>Original Depth: 45 ft</p> <p>Material: SAND, SILT, HARD</p>
<p>Well ID: 7132341</p> <p>Concession:</p> <p>County: YORK</p> <p>Easting Nad83: 607742</p> <p>Zone: 17</p> <p>Primary Water Use: Monitoring</p> <p>Sec. Water Use:</p> <p>Pump Rate:</p> <p>Flow Rate:</p> <p>Specific Capacity:</p> <p>Construction Method: Boring</p> <p>Elevation (m): 204.33</p> <p>Depth to Bedrock:</p> <p>Water Type:</p> <p>--- Details ---</p> <p>Thickness: 2 ft</p> <p>Material Colour: BROWN</p> <p>+</p> <p>Thickness: 23 ft</p> <p>Material Colour: GREY</p> <p>+</p> <p>Thickness: 10 ft</p> <p>Material Colour: GREY</p> <p>+</p> <p>Thickness: 10 ft</p> <p>Material Colour: GREY</p>	<p>Lot:</p> <p>Concession Name:</p> <p>Municipality: VAUGHAN TOWN (VAUGHAN TWP)</p> <p>Northing Nad83: 4853286</p> <p>Utm Reliability: margin of error : 30 m - 100 m</p> <p>Construction Date: 17-MAR-09</p> <p>Well Depth: 45 ft</p> <p>Static Water Level:</p> <p>Clear/Cloudy:</p> <p>Final Well Status: Observation Wells</p> <p>Flowing (y/n):</p> <p>Elevation Reliability:</p> <p>Overburden/Bedrock:</p> <p>Casing Material: PLASTIC</p> <p>Original Depth: 2 ft</p> <p>Material: SAND, GRAVEL, LOOSE</p> <p>Original Depth: 25 ft</p> <p>Material: CLAY, , SOFT</p> <p>Original Depth: 35 ft</p> <p>Material: SILT, SAND, HARD</p> <p>Original Depth: 45 ft</p> <p>Material: SAND, SILT, HARD</p>					
1	1 of 1	0.0	lot 11 con 10 ON	<u>WWIS</u>		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Well ID: 6921813</p> <p>Concession: 10</p> <p>County: YORK</p> <p>Easting Nad83: 608432</p> <p>Zone: 17</p> <p>Primary Water Use: Industrial</p> <p>Sec. Water Use:</p> <p>Pump Rate: 5 GPM</p> <p>Flow Rate:</p> <p>Specific Capacity:</p> <p>Construction Method: Rotary (Convent.)</p> <p>Elevation (m): 194.86</p> <p>Depth to Bedrock: 74</p> <p>Water Type: FRESH</p> <p>--- Details ---</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Lot: 011</p> <p>Concession Name: CON</p> <p>Municipality: VAUGHAN TOWN (VAUGHAN TWP)</p> <p>Northing Nad83: 4849603</p> <p>Utm Reliability: margin of error : 10 - 30 m</p> <p>Construction Date: 15-NOV-91</p> <p>Well Depth: 74 ft</p> <p>Static Water Level: 33 ft</p> <p>Clear/Cloudy: CLEAR</p> <p>Final Well Status: Water Supply</p> <p>Flowing (y/n): N</p> <p>Elevation Reliability:</p> <p>Overburden/Bedrock: Bedrock</p> <p>Casing Material: OPEN HOLE,STEEL</p> </td> </tr> </table>					<p>Well ID: 6921813</p> <p>Concession: 10</p> <p>County: YORK</p> <p>Easting Nad83: 608432</p> <p>Zone: 17</p> <p>Primary Water Use: Industrial</p> <p>Sec. Water Use:</p> <p>Pump Rate: 5 GPM</p> <p>Flow Rate:</p> <p>Specific Capacity:</p> <p>Construction Method: Rotary (Convent.)</p> <p>Elevation (m): 194.86</p> <p>Depth to Bedrock: 74</p> <p>Water Type: FRESH</p> <p>--- Details ---</p>	<p>Lot: 011</p> <p>Concession Name: CON</p> <p>Municipality: VAUGHAN TOWN (VAUGHAN TWP)</p> <p>Northing Nad83: 4849603</p> <p>Utm Reliability: margin of error : 10 - 30 m</p> <p>Construction Date: 15-NOV-91</p> <p>Well Depth: 74 ft</p> <p>Static Water Level: 33 ft</p> <p>Clear/Cloudy: CLEAR</p> <p>Final Well Status: Water Supply</p> <p>Flowing (y/n): N</p> <p>Elevation Reliability:</p> <p>Overburden/Bedrock: Bedrock</p> <p>Casing Material: OPEN HOLE,STEEL</p>
<p>Well ID: 6921813</p> <p>Concession: 10</p> <p>County: YORK</p> <p>Easting Nad83: 608432</p> <p>Zone: 17</p> <p>Primary Water Use: Industrial</p> <p>Sec. Water Use:</p> <p>Pump Rate: 5 GPM</p> <p>Flow Rate:</p> <p>Specific Capacity:</p> <p>Construction Method: Rotary (Convent.)</p> <p>Elevation (m): 194.86</p> <p>Depth to Bedrock: 74</p> <p>Water Type: FRESH</p> <p>--- Details ---</p>	<p>Lot: 011</p> <p>Concession Name: CON</p> <p>Municipality: VAUGHAN TOWN (VAUGHAN TWP)</p> <p>Northing Nad83: 4849603</p> <p>Utm Reliability: margin of error : 10 - 30 m</p> <p>Construction Date: 15-NOV-91</p> <p>Well Depth: 74 ft</p> <p>Static Water Level: 33 ft</p> <p>Clear/Cloudy: CLEAR</p> <p>Final Well Status: Water Supply</p> <p>Flowing (y/n): N</p> <p>Elevation Reliability:</p> <p>Overburden/Bedrock: Bedrock</p> <p>Casing Material: OPEN HOLE,STEEL</p>					

Map Key	Number of Records	Elevation m	Site	DB
Thickness:	13 ft		Original Depth:	13 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	2 ft		Original Depth:	15 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	9 ft		Original Depth:	24 ft
Material Colour:	GREY		Material:	SAND, GRAVEL, CLAY
+				
Thickness:	50 ft		Original Depth:	74 ft
Material Colour:	BLUE		Material:	CLAY, GRAVEL, SAND
+				
Thickness:	44 ft		Original Depth:	118 ft
Material Colour:	BLUE		Material:	SHALE

2 **1 of 1** **0.0** **ON** [WWIS](#)

Well ID:	7176257	Lot:	
Concession:		Concession Name:	
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608343	Northing Nad83:	4850116
Zone:	17	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Test Hole	Construction Date:	21-DEC-11
Sec. Water Use:	Monitoring	Well Depth:	10.7 m
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Observation Wells
Construction Method:	Boring	Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:	Not stated	Casing Material:	PLASTIC
--- Details ---			
Thickness:	10.7 m	Original Depth:	10.7 m
Material Colour:	GREY	Material:	SILT, , DENSE

3 **1 of 1** **0.0** **lot 13 con 9 ON** [WWIS](#)

Well ID:	7176256	Lot:	013
Concession:	09	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608335	Northing Nad83:	4850163
Zone:	17	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring	Construction Date:	21-DEC-11
Sec. Water Use:		Well Depth:	12.2 m
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Observation Wells
Construction Method:	Boring	Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:	Not stated	Casing Material:	PLASTIC

Map Key	Number of Records	Elevation m	Site	DB
<i>--- Details ---</i>				
<i>Thickness:</i>	12.2 m		<i>Original Depth:</i>	12.2 m
<i>Material Colour:</i>	GREY		<i>Material:</i>	SILT, , DENSE
4	1 of 3	0.0	VAUGHAN HYDRO HUNTINGTON RD JUST SOUTH OF RUTHERFORD RD. MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON	SPL
<i>Ref No.:</i>	168591			
<i>Incident Dt:</i>	6/7/1999			
<i>MOE Reported Dt:</i>	6/7/1999			
<i>Contaminant Name:</i>				
<i>Contaminant Quantity:</i>				
<i>Incident Summary:</i>	VAUGHAN HYDRO- 22 L HY- DRAULIC OIL ONTO RD FROM TRUCK HOSE. CLEANED UP.			
<i>Incident Cause:</i>	PIPE/HOSE LEAK			
<i>Incident Reason:</i>	EQUIPMENT FAILURE			
<i>Nature of Impact:</i>				
<i>Receiving Medium:</i>	LAND			
<i>Environmental Impact:</i>	NOT ANTICIPATED			
4	2 of 3	0.0	PRIVATE OWNER 300M S OF RUTHERFORD ON HUNTINGTON STORAGE TANK/BARREL VAUGHAN CITY ON	SPL
<i>Ref No.:</i>	212488			
<i>Incident Dt:</i>	9/27/2001			
<i>MOE Reported Dt:</i>	9/27/2001			
<i>Contaminant Name:</i>				
<i>Contaminant Quantity:</i>				
<i>Incident Summary:</i>	VAUGHAN:0.5L OF SUSPECTD ANTIFREEZE TO DITCH FROM 1OF3 DUMPED BARRELS.WORKS			
<i>Incident Cause:</i>	OTHER CONTAINER LEAK			
<i>Incident Reason:</i>	UNKNOWN			
<i>Nature of Impact:</i>	Soil contamination			
<i>Receiving Medium:</i>	Land			
<i>Environmental Impact:</i>	Possible			
4	3 of 3	0.0	VAUGHAN HYDRO HUNTINGTON RD. SOUTH OF RUTHERFORD RD. MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON	SPL
<i>Ref No.:</i>	171346			
<i>Incident Dt:</i>	8/11/1999			
<i>MOE Reported Dt:</i>	8/11/1999			
<i>Contaminant Name:</i>				
<i>Contaminant Quantity:</i>				
<i>Incident Summary:</i>	VAUGHAN HYDRO-15 L OF HYDRAULIC OIL TO STREET AND GROUND-CLEAN UP COMPL			
<i>Incident Cause:</i>	COOLING SYSTEM LEAK			
<i>Incident Reason:</i>	EQUIPMENT FAILURE			
<i>Nature of Impact:</i>	Soil contamination			
<i>Receiving Medium:</i>	LAND			
<i>Environmental Impact:</i>	CONFIRMED			

Map Key	Number of Records	Elevation m	Site	DB	
5	1 of 1	0.0	Rutherford Road And Huntington Vaughan ON	EHS	
Order No.:		20120119016			
Report Date:		1/31/2012			
Report Type:		Custom Report			
Search Radius (km):		0.25			
Addit. Info Ordered:					
6	1 of 1	0.0	ON	BORE	
Borehole ID:		590356		Type:	Outcrop
Use:				Status:	Unknown
Drill Method:				UTM Zone:	17
Easting:		608162.000		Northing:	4851073.000
Location Accuracy:				Orig. Ground Elev m:	196
Elev. Reliability Note:				DEM Ground Elev m:	197.199997
Total Depth m:		1.400000		Primary Name:	OGS-OLW-62-517
Township:				Concession:	
Lot:				Municipality:	
Completion Date:				Static Water Level:	
Primary Water Use:				Sec. Water Use:	
--- Details ---					
Stratum ID:		218339941		Top Depth m:	0
Bottom Depth m:		1.400000		Stratum Desc:	Di si sa
7	1 of 1	0.0	Molise Kleinburg Estates Inc. Road Allowance on Huntington Road and McGillivray Road Vaughan ON	CA	
Certificate #:		6097-8DPMZQ			
Application Year:		2011			
Issue Date:		2/8/2011			
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:					
8	1 of 5	0.0	Longo Brothers Fruit Markets Inc. 8800 Huntington Rd Vaughan ON	CA	
Certificate #:		3000-8HSQFA			
Application Year:		2011			
Issue Date:		7/18/2011			
Approval Type:		Air			

Map Key	Number of Records	Elevation m	Site	DB
Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:				
8	2 of 5	0.0	Longo Brothers Fruit Market Inc. 8800 Huntington Rd Vaughan ON	EBR
Year: 2011 EBR Registry No.: 011-2603 Ministry Ref. No.: 3836-8DUNPQ Type: Instrument Proposal Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Proposal Date: February 14, 2011 Location: 8800 Huntington Road Vaughan, Regional Municipality of York L0J 1C0 Proponent Address: 8800 Huntington Road Vaughan Ontario Canada L4H 3M6				
8	3 of 5	0.0	Longo Brothers Fruit Markets Inc. 8800 Huntington Rd Vaughan ON	EBR
Year: 2011 EBR Registry No.: 011-2293 Ministry Ref. No.: 1573-8D4KL8 Type: Instrument Proposal Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Proposal Date: January 19, 2011 Location: 8800 Huntington Road Vaughan, Regional Municipality of York L0J 1C0 Proponent Address: 3767 Nashua Drive Mississauga Ontario Canada L4V 1R3				
8	4 of 5	0.0	Longo Brothers Food Markets Inc 8800 Huntington Rd Vaughan ON	GEN
SIC Code: 413150 SIC Description: Generator #: ON2647128 Approval Yrs: 2011				
8	5 of 5	0.0	Neelands Refrigeration Limited 8800 Huntington Rd Vaughan ON	SPL
Ref No.: 8683-8TMP46 Incident Dt: 23-APR-12 MOE Reported Dt: 23-APR-12 Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Quantity:				

Map Key	Number of Records	Elevation m	Site	DB
<i>Incident Summary:</i>		Neelands Refrigeration/ Longos: 136kg R507 to atm		
<i>Incident Cause:</i>		Unknown		
<i>Incident Reason:</i>		Other - Reason not otherwise defined		
<i>Nature of Impact:</i>		Air Pollution		
<i>Receiving Medium:</i>		Sewage - Municipal/Private and Commercial		
<i>Environmental Impact:</i>		Confirmed		
10	1 of 1	0.0	8800 Huntington Rd Vaughan ON	SPL
<i>Ref No.:</i>		5331-8RPSL3		
<i>Incident Dt:</i>		20-FEB-12		
<i>MOE Reported Dt:</i>		21-FEB-12		
<i>Contaminant Name:</i>		REFRIGERANT GAS, N.O.S.		
<i>Contaminant Quantity:</i>				
<i>Incident Summary:</i>		Longos Warehouse - 181.6 kg R507 to atm		
<i>Incident Cause:</i>		Discharge or Emission to Air		
<i>Incident Reason:</i>		Equipment Failure		
<i>Nature of Impact:</i>		Air Pollution		
<i>Receiving Medium:</i>		Sewage - Municipal/Private and Commercial		
<i>Environmental Impact:</i>		Confirmed		
11	1 of 1	0.0	THE CITY OF VAUGHAN 10440 Huntington Rd. Nashville ON L6A 1T1	GEN
<i>SIC Code:</i>		812220		
<i>SIC Description:</i>		Cemeteries and Crematoria		
<i>Generator #:</i>		ON8017358		
<i>Approval Yrs:</i>		04		
12	1 of 1	0.0	lot 16 con 9 ON	WWIS
<i>Well ID:</i>		6921580	<i>Lot:</i>	016
<i>Concession:</i>		09	<i>Concession Name:</i>	CON
<i>County:</i>		YORK	<i>Municipality:</i>	VAUGHAN TOWN (VAUGHAN TWP)
<i>Easting Nad83:</i>		608153	<i>Northing Nad83:</i>	4851223
<i>Zone:</i>		17	<i>Utm Reliability:</i>	margin of error : 10 - 30 m
<i>Primary Water Use:</i>		Domestic	<i>Construction Date:</i>	15-AUG-91
<i>Sec. Water Use:</i>			<i>Well Depth:</i>	79 ft
<i>Pump Rate:</i>		60 GPM	<i>Static Water Level:</i>	37 ft
<i>Flow Rate:</i>			<i>Clear/Cloudy:</i>	CLEAR
<i>Specific Capacity:</i>			<i>Final Well Status:</i>	Water Supply
<i>Construction Method:</i>		Rotary (Convent.)	<i>Flowing (y/n):</i>	N
<i>Elevation (m):</i>		193.3	<i>Elevation Reliability:</i>	
<i>Depth to Bedrock:</i>		79	<i>Overburden/Bedrock:</i>	Overburden below Bedrock
<i>Water Type:</i>		FRESH	<i>Casing Material:</i>	STEEL
<i>--- Details ---</i>				
<i>Thickness:</i>		3 ft	<i>Original Depth:</i>	3 ft
<i>Material Colour:</i>			<i>Material:</i>	TOPSOIL
+				
<i>Thickness:</i>		9 ft	<i>Original Depth:</i>	12 ft
<i>Material Colour:</i>		BROWN	<i>Material:</i>	CLAY

Map Key	Number of Records	Elevation m	Site	DB
+				
Thickness:	14 ft		Original Depth:	26 ft
Material Colour:	BLUE		Material:	CLAY, HARD
+				
Thickness:	29 ft		Original Depth:	55 ft
Material Colour:	BLUE		Material:	CLAY, SOFT
+				
Thickness:	13 ft		Original Depth:	68 ft
Material Colour:	BLUE		Material:	CLAY, GRAVEL
+				
Thickness:	11 ft		Original Depth:	79 ft
Material Colour:	BLUE		Material:	CLAY, SOFT
+				
Thickness:	25 ft		Original Depth:	104 ft
Material Colour:	BLUE		Material:	SHALE, GRAVEL
+				
Thickness:	11 ft		Original Depth:	115 ft
Material Colour:			Material:	SAND, GRAVEL

13 **1 of 1** **0.0** **Molise Kleinburg Estates Inc.** **CA**
Huntington Road & Major Mackenzie Dr Lot 13-21,
Concession 9, 10
Vaughan ON

Certificate #: 5084-8J8H6G
Application Year: 2011
Issue Date: 6/27/2011
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:

14 **1 of 3** **0.0** **8811 Huntington Road** **EHS**
Vaughan ON

Order No.: 20060605020
Report Date: 6/14/2006
Report Type: Complete Report
Search Radius (km): 0.25
Addit. Info Ordered:

14 **2 of 3** **0.0** **8811 Huntington Road** **EHS**
Vaughan ON

Order No.: 20101113005
Report Date: 11/23/2010

Map Key	Number of Records	Elevation m	Site	DB
Report Type:		Custom Report		
Search Radius (km):		0.25		
Addit. Info Ordered:				
14	3 of 3	0.0	8811 Huntington Road Vaughan ON	<u>EHS</u>
Order No.:		20071108038		
Report Date:		11/12/2007		
Report Type:		CAN - Custom Report		
Search Radius (km):		0.5		
Addit. Info Ordered:				
15	1 of 2	0.0	lot 23 con 10 ON	<u>WWIS</u>
Well ID:	7042425	Lot:	023	
Concession:	10	Concession Name:		
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)	
Easting Nad83:	607543	Northing Nad83:	4854212	
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m	
Primary Water Use:	Domestic	Construction Date:	25-JAN-07	
Sec. Water Use:		Well Depth:	60.96 m	
Pump Rate:	52.5 LPM	Static Water Level:	9.83 m	
Flow Rate:		Clear/Cloudy:		
Specific Capacity:		Final Well Status:	Water Supply	
Construction Method:	Rotary (Convent.)	Flowing (y/n):		
Elevation (m):	211.53	Elevation Reliability:		
Depth to Bedrock:	196	Overburden/Bedrock:	Bedrock	
Water Type:		Casing Material:	STEEL	
--- Details ---				
Thickness:	5.49 m	Original Depth:	5.49 m	
Material Colour:	BROWN	Material:	CLAY, SANDY	
+				
Thickness:	22.25 m	Original Depth:	27.74 m	
Material Colour:	GREY	Material:	CLAY, GRAVEL	
+				
Thickness:	29.56 m	Original Depth:	57.3 m	
Material Colour:	GREY	Material:	CLAY, SILT	
+				
Thickness:	1.53 m	Original Depth:	58.83 m	
Material Colour:	GREY	Material:	COARSE SAND	
+				
Thickness:	.91 m	Original Depth:	59.74 m	
Material Colour:	GREY	Material:	CLAY, GRAVEL	
+				
Thickness:	1.22 m	Original Depth:	60.96 m	
Material Colour:	GREY	Material:	SHALE	
15	2 of 2	0.0	lot 23 con 10 ON	<u>WWIS</u>

Map Key	Number of Records	Elevation m	Site	DB
Well ID:	7042426		Lot:	023
Concession:	10		Concession Name:	
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607543		Northing Nad83:	4854212
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic		Construction Date:	25-JAN-07
Sec. Water Use:			Well Depth:	60.96 m
Pump Rate:	64 LPM		Static Water Level:	2.25 m
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)		Flowing (y/n):	
Elevation (m):	211.53		Elevation Reliability:	
Depth to Bedrock:	196		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	STEEL
--- Details ---				
Thickness:	5.5 m		Original Depth:	5.5 m
Material Colour:	BROWN		Material:	CLAY, SANDY
+				
Thickness:	22.24 m		Original Depth:	27.74 m
Material Colour:	GREY		Material:	CLAY, GRAVEL
+				
Thickness:	29.56 m		Original Depth:	57.3 m
Material Colour:	GREY		Material:	CLAY, SILT
+				
Thickness:	1.53 m		Original Depth:	58.83 m
Material Colour:	GREY		Material:	MEDIUM SAND
+				
Thickness:	.91 m		Original Depth:	59.74 m
Material Colour:	GREY		Material:	CLAY, GRAVEL
+				
Thickness:	1.22 m		Original Depth:	60.96 m
Material Colour:	GREY		Material:	SHALE

16 **1 of 1** **0.0** **lot 33 con 10 ON** [WWIS](#)

Well ID:	6927844		Lot:	033
Concession:	10		Concession Name:	CON
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607571		Northing Nad83:	4854058
Zone:	17		Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic		Construction Date:	12-MAY-04
Sec. Water Use:			Well Depth:	64 m
Pump Rate:	90.8 LPM		Static Water Level:	31 m
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)		Flowing (y/n):	
Elevation (m):	209.65		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	Overburden
Water Type:	FRESH		Casing Material:	STEEL

--- Details ---
Thickness: .3 m Original Depth: .3 m

Map Key	Number of Records	Elevation m	Site	DB
Material Colour:	BLACK		Material:	TOPSOIL
+				
Thickness:	4.27 m		Original Depth:	4.57 m
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	10.93 m		Original Depth:	15.5 m
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	7.3 m		Original Depth:	22.8 m
Material Colour:	BLUE		Material:	CLAY, GRAVEL
+				
Thickness:	33.2 m		Original Depth:	56 m
Material Colour:	BLUE		Material:	CLAY, SILT
+				
Thickness:	4.3 m		Original Depth:	60.3 m
Material Colour:	GREY		Material:	FINE SAND, SILT
+				
Thickness:	3.1 m		Original Depth:	63.4 m
Material Colour:	GREY		Material:	MEDIUM SAND, FINE SAND
+				
Thickness:	.6 m		Original Depth:	64 m
Material Colour:	BLUE		Material:	CLAY

17 **1 of 1** **0.0** **lot 25 con 10 ON** [WWIS](#)

Well ID:	7104788	Lot:	025
Concession:	10	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (KING)
Easting Nad83:	607436	Northing Nad83:	4854737
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic	Construction Date:	29-JAN-08
Sec. Water Use:		Well Depth:	97 ft
Pump Rate:	3 GPM	Static Water Level:	108.35 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)	Flowing (y/n):	N
Elevation (m):	216.36	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:	Untested	Casing Material:	STEEL

--- Details ---

Thickness:	2 ft	Original Depth:	2 ft
Material Colour:	BROWN	Material:	FINE SAND
+			
Thickness:	4 ft	Original Depth:	6 ft
Material Colour:	BROWN	Material:	CLAY, SANDY
+			
Thickness:	70 ft	Original Depth:	76 ft
Material Colour:	GREY	Material:	CLAY, SANDY, SILT
+			
Thickness:	15 ft	Original Depth:	91 ft

Map Key	Number of Records	Elevation m	Site	DB
Material Colour:	GREY		Material:	CLAY
+				
Thickness:	6 ft		Original Depth:	97 ft
Material Colour:	GREY		Material:	FINE SAND
+				
Thickness:	16 ft		Original Depth:	113 ft
Material Colour:	GREY		Material:	SILT, FINE SAND, CLAY
+				
Thickness:	5 ft		Original Depth:	118 ft
Material Colour:	GREY		Material:	MEDIUM SAND, SILT
+				
Thickness:	6 ft		Original Depth:	124 ft
Material Colour:	GREY		Material:	FINE SAND, SILT, CLAY
+				
Thickness:	14 ft		Original Depth:	138 ft
Material Colour:	GREY		Material:	CLAY, GRAVEL, SILT

18 **1 of 1** **0.0** **lot 21 con 9 ON** [WWIS](#)

Well ID:	7190500	Lot:	021
Concession:	09	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607783	Northing Nad83:	4853169
Zone:	17	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:		Construction Date:	02-MAY-12
Sec. Water Use:		Well Depth:	
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	
Construction Method:		Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		Casing Material:	

19 **1 of 1** **0.0** **lot 23 con 10 ON** [WWIS](#)

Well ID:	6907195	Lot:	023
Concession:	10	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607519.6	Northing Nad83:	4854271
Zone:	17	Utm Reliability:	unknown UTM
Primary Water Use:	Domestic	Construction Date:	25-SEP-55
Sec. Water Use:		Well Depth:	80 ft
Pump Rate:	12 GPM	Static Water Level:	105 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Cable Tool	Flowing (y/n):	N
Elevation (m):	213.22	Elevation Reliability:	
Depth to Bedrock:	202	Overburden/Bedrock:	Bedrock
Water Type:	FRESH	Casing Material:	STEEL

--- Details ---

Map Key	Number of Records	Elevation m	Site	DB
Thickness:	80 ft		Original Depth:	80 ft
Material Colour:			Material:	PREVIOUSLY DUG
+				
Thickness:	116 ft		Original Depth:	196 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	6 ft		Original Depth:	202 ft
Material Colour:			Material:	COARSE SAND
+				
Thickness:	1 ft		Original Depth:	203 ft
Material Colour:			Material:	SHALE

20	1 of 2	0.0	lot 10 con 10 ON	WWIS
Well ID:	7141635		Lot:	010
Concession:	10		Concession Name:	
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608390		Northing Nad83:	4849687
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used		Construction Date:	15-DEC-09
Sec. Water Use:			Well Depth:	19.81 m
Pump Rate:			Static Water Level:	7.62 m
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Abandoned-Other
Construction Method:			Flowing (y/n):	
Elevation (m):	194.2		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:			Casing Material:	STEEL
--- Details ---				
Thickness:	18.59 m		Original Depth:	18.59 m
Material Colour:			Material:	OTHER
+				
Thickness:	1.22 m		Original Depth:	19.81 m
Material Colour:			Material:	GRAVEL

20	2 of 2	0.0	lot 10 con 10 ON	WWIS
Well ID:	7141636		Lot:	010
Concession:	10		Concession Name:	
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608390		Northing Nad83:	4849687
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used		Construction Date:	15-DEC-09
Sec. Water Use:			Well Depth:	
Pump Rate:			Static Water Level:	1.21 m
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Abandoned-Other
Construction Method:	Digging		Flowing (y/n):	
Elevation (m):	194.2		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:			Casing Material:	

Map Key	Number of Records	Elevation m	Site	DB
--- Details ---				
Thickness:	m		Original Depth:	m
Material Colour:			Material:	
21	1 of 1	0.0	lot 23 con 10 ON	<u>WWIS</u>
Well ID:	6907193		Lot:	023
Concession:	10		Concession Name:	CON
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607533.6		Northing Nad83:	4854183
Zone:	17		Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic		Construction Date:	20-JAN-61
Sec. Water Use:			Well Depth:	50 ft
Pump Rate:			Static Water Level:	34 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Boring		Flowing (y/n):	N
Elevation (m):	210.55		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	Overburden
Water Type:	FRESH		Casing Material:	CONCRETE
--- Details ---				
Thickness:	3 ft		Original Depth:	3 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	47 ft		Original Depth:	50 ft
Material Colour:	BLUE		Material:	CLAY
22	1 of 1	0.0	lot 6 con 10 ON	<u>WWIS</u>
Well ID:	7130921		Lot:	006
Concession:	10		Concession Name:	
County:	PEEL		Municipality:	MISSISSAUGA
Easting Nad83:	608203		Northing Nad83:	4851335
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m,unknown UTM
Primary Water Use:	Test Hole		Construction Date:	31-AUG-09
Sec. Water Use:			Well Depth:	5.48 m
Pump Rate:			Static Water Level:	9.36 m
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Test Hole
Construction Method:	Rotary (Convent.)		Flowing (y/n):	
Elevation (m):	208		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:	Not stated		Casing Material:	PLASTIC
--- Details ---				
Thickness:	1.67 m		Original Depth:	1.67 m
Material Colour:	BROWN		Material:	SAND, GRAVEL, FILL
+				
Thickness:	2.9 m		Original Depth:	4.57 m
Material Colour:	BROWN		Material:	CLAY, GRAVEL
+				

Map Key	Number of Records	Elevation m	Site	DB
Thickness:	.91 m		Original Depth:	5.48 m
Material Colour:	GREY		Material:	CLAY, GRAVEL
+				
Thickness:	6.1 m		Original Depth:	11.58 m
Material Colour:	GREY		Material:	CLAY, GRAVEL, SILT
+				
Thickness:	.61 m		Original Depth:	12.19 m
Material Colour:	GREY		Material:	SAND, CLAY, GRAVEL
+				
Thickness:	m		Original Depth:	m
Material Colour:			Material:	
23	1 of 1	0.0	lot 25 con 9 ON	WWIS
Well ID:	6924253		Lot:	025
Concession:	09		Concession Name:	CON
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607443		Northing Nad83:	4855026
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used		Construction Date:	06-MAY-97
Sec. Water Use:			Well Depth:	
Pump Rate:			Static Water Level:	
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Abandoned-Other
Construction Method:	Not Known		Flowing (y/n):	
Elevation (m):	218.2		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	No formation data
Water Type:			Casing Material:	
24	1 of 1	0.0	BETHPAGE PROPERTIES NORTH INC. 8966 HUNTINGTON RD VAUGHAN ON	EASR
CofA Number:	R-003-1359154492			
Date:	09-JUL-13			
Status:	Registered			
Project Type:	Heating System			
25	1 of 1	0.0	ON	BORE
Borehole ID:	591186		Type:	Outcrop
Use:			Status:	Unknown
Drill Method:			UTM Zone:	17
Easting:	608462.000		Northing:	4849673.000
Location Accuracy:			Orig. Ground Elev m:	195
Elev. Reliability Note:			DEM Ground Elev m:	193.399994
Total Depth m:	0.900000		Primary Name:	OGS-OLW-62-504
Township:			Concession:	
Lot:			Municipality:	
Completion Date:			Static Water Level:	
Primary Water Use:			Sec. Water Use:	

Map Key	Number of Records	Elevation m	Site	DB
--- Details ---				
Stratum ID:	218339927		Top Depth m:	0
Bottom Depth m:	0.900000		Stratum Desc:	cl si
26	1 of 1	0.0	Daniel Contracting Ltd. 975 Nashville Road Vaughan ON	CA
Certificate #:	6200-652JH6			
Application Year:	2004			
Issue Date:	10/15/2004			
Approval Type:	Waste Management Systems			
Status:	Approved			
Application Type:				
Client Name:				
Client Address:				
Client City:				
Client Postal Code:				
Project Description:				
Contaminants:				
Emission Control:				
27	1 of 1	0.0	lot 12 con 10 ON	WWIS
Well ID:	6910073		Lot:	012
Concession:	10		Concession Name:	CON
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608414.6		Northing Nad83:	4849493
Zone:	17		Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic		Construction Date:	10-AUG-70
Sec. Water Use:			Well Depth:	86 ft
Pump Rate:	6 GPM		Static Water Level:	22 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Cable Tool		Flowing (y/n):	N
Elevation (m):	196.15		Elevation Reliability:	
Depth to Bedrock:	66		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	OPEN HOLE,STEEL
--- Details ---				
Thickness:	21 ft		Original Depth:	21 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	45 ft		Original Depth:	66 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	20 ft		Original Depth:	86 ft
Material Colour:			Material:	SHALE
28	1 of 1	0.0	lot 12 con 10 ON	WWIS
Well ID:	6909152		Lot:	012
Concession:	10		Concession Name:	CON

Map Key	Number of Records	Elevation m	Site	DB
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608404.6		Northing Nad83:	4849523
Zone:	17		Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic		Construction Date:	09-MAY-69
Sec. Water Use:			Well Depth:	91 ft
Pump Rate:	3 GPM		Static Water Level:	27 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Cable Tool		Flowing (y/n):	N
Elevation (m):	196.01		Elevation Reliability:	
Depth to Bedrock:	79		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	OPEN HOLE,STEEL
--- Details ---				
Thickness:	27 ft		Original Depth:	79 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	12 ft		Original Depth:	91 ft
Material Colour:	GREY		Material:	SHALE
+				
Thickness:	7 ft		Original Depth:	7 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	11 ft		Original Depth:	18 ft
Material Colour:			Material:	CLAY, BOULDERS
+				
Thickness:	6 ft		Original Depth:	24 ft
Material Colour:	GREY		Material:	SILT
+				
Thickness:	16 ft		Original Depth:	40 ft
Material Colour:			Material:	CLAY, GRAVEL
+				
Thickness:	12 ft		Original Depth:	52 ft
Material Colour:			Material:	SILT

29 **1 of 1** **0.0** **lot 24 con 9 ON** [WWIS](#)

Well ID:	7149879	Lot:	024
Concession:	09	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607526	Northing Nad83:	4854640
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used	Construction Date:	09-JUN-10
Sec. Water Use:		Well Depth:	
Pump Rate:		Static Water Level:	1.21 m
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Abandoned-Other
Construction Method:		Flowing (y/n):	N
Elevation (m):	216.06	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		Casing Material:	CONCRETE

--- Details ---

Thickness: m Original Depth: m

Map Key	Number of Records	Elevation m	Site	DB
<i>Material Colour:</i>		<i>Material:</i>		
30	1 of 1	0.0	ON	<u>BORE</u>
<i>Borehole ID:</i>	590724	<i>Type:</i>	Outcrop	
<i>Use:</i>		<i>Status:</i>	Unknown	
<i>Drill Method:</i>		<i>UTM Zone:</i>	17	
<i>Easting:</i>	608362.000	<i>Northing:</i>	4850273.000	
<i>Location Accuracy:</i>		<i>Orig. Ground Elev m:</i>	190.399994	
<i>Elev. Reliability Note:</i>		<i>DEM Ground Elev m:</i>	190.899994	
<i>Total Depth m:</i>	1.700000	<i>Primary Name:</i>	OGS-OLW-62-505	
<i>Township:</i>		<i>Concession:</i>		
<i>Lot:</i>		<i>Municipality:</i>		
<i>Completion Date:</i>		<i>Static Water Level:</i>		
<i>Primary Water Use:</i>		<i>Sec. Water Use:</i>		
--- Details ---				
<i>Stratum ID:</i>	218339928	<i>Top Depth m:</i>	0	
<i>Bottom Depth m:</i>	1.700000	<i>Stratum Desc:</i>	Di si	
31	1 of 1	0.0	ON	<u>BORE</u>
<i>Borehole ID:</i>	590733	<i>Type:</i>	Outcrop	
<i>Use:</i>		<i>Status:</i>	Unknown	
<i>Drill Method:</i>		<i>UTM Zone:</i>	17	
<i>Easting:</i>	607712.000	<i>Northing:</i>	4853123.000	
<i>Location Accuracy:</i>		<i>Orig. Ground Elev m:</i>	205.199997	
<i>Elev. Reliability Note:</i>		<i>DEM Ground Elev m:</i>	204.300003	
<i>Total Depth m:</i>	1.500000	<i>Primary Name:</i>	OGS-OLW-62-513	
<i>Township:</i>		<i>Concession:</i>		
<i>Lot:</i>		<i>Municipality:</i>		
<i>Completion Date:</i>		<i>Static Water Level:</i>		
<i>Primary Water Use:</i>		<i>Sec. Water Use:</i>		
--- Details ---				
<i>Stratum ID:</i>	218339937	<i>Top Depth m:</i>	0	
<i>Bottom Depth m:</i>	1.500000	<i>Stratum Desc:</i>	Di si sa	
32	1 of 1	0.0	lot 24 con 10 ON	<u>WWIS</u>
<i>Well ID:</i>	6907198	<i>Lot:</i>	024	
<i>Concession:</i>	10	<i>Concession Name:</i>	CON	
<i>County:</i>	YORK	<i>Municipality:</i>	VAUGHAN TOWN (VAUGHAN TWP)	
<i>Easting Nad83:</i>	607430.6	<i>Northing Nad83:</i>	4854578	
<i>Zone:</i>	17	<i>Utm Reliability:</i>	margin of error : 100 m - 300 m	
<i>Primary Water Use:</i>	Irrigation	<i>Construction Date:</i>	21-JUN-62	
<i>Sec. Water Use:</i>		<i>Well Depth:</i>	95 ft	
<i>Pump Rate:</i>	15 GPM	<i>Static Water Level:</i>	90 ft	
<i>Flow Rate:</i>		<i>Clear/Cloudy:</i>	CLEAR	
<i>Specific Capacity:</i>		<i>Final Well Status:</i>	Water Supply	
<i>Construction Method:</i>	Cable Tool	<i>Flowing (y/n):</i>	N	
<i>Elevation (m):</i>	215.16	<i>Elevation Reliability:</i>		
<i>Depth to Bedrock:</i>		<i>Overburden/Bedrock:</i>	Overburden	
<i>Water Type:</i>	FRESH	<i>Casing Material:</i>	STEEL	

Map Key	Number of Records	Elevation m	Site	DB
--- Details ---				
Thickness:	1 ft		Original Depth:	1 ft
Material Colour:			Material:	TOPSOIL
+				
Thickness:	12 ft		Original Depth:	13 ft
Material Colour:	BLUE		Material:	CLAY, BOULDERS
+				
Thickness:	77 ft		Original Depth:	90 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	5 ft		Original Depth:	95 ft
Material Colour:	BLUE		Material:	CLAY, STONES
+				
Thickness:	16 ft		Original Depth:	111 ft
Material Colour:			Material:	GRAVEL

33	1 of 1	0.0	lot 22 con 9 ON	<u>WWIS</u>
Well ID:	6918517		Lot:	022
Concession:	09		Concession Name:	CON
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607736		Northing Nad83:	4853608
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic		Construction Date:	27-AUG-86
Sec. Water Use:			Well Depth:	36 ft
Pump Rate:	60 GPM		Static Water Level:	88 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)		Flowing (y/n):	N
Elevation (m):	206.1		Elevation Reliability:	
Depth to Bedrock:	213		Overburden/Bedrock:	Bedrock
Water Type:	FRESH		Casing Material:	STEEL
--- Details ---				
Thickness:	1 ft		Original Depth:	1 ft
Material Colour:	BLACK		Material:	TOPSOIL
+				
Thickness:	10 ft		Original Depth:	11 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	25 ft		Original Depth:	36 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	130 ft		Original Depth:	166 ft
Material Colour:	BLUE		Material:	CLAY, GRAVEL
+				
Thickness:	30 ft		Original Depth:	196 ft
Material Colour:	GREY		Material:	SILT, FINE SAND
+				
Thickness:	5 ft		Original Depth:	201 ft

Map Key	Number of Records	Elevation m	Site	DB
Material Colour:	GREY			Material: MEDIUM SAND
+				
Thickness:	5 ft			Original Depth: 206 ft
Material Colour:	GREY			Material: COARSE SAND
+				
Thickness:	7 ft			Original Depth: 213 ft
Material Colour:	GREY			Material: CLAY, MEDIUM SAND
+				
Thickness:	2 ft			Original Depth: 215 ft
Material Colour:	GREY			Material: SHALE, HARD
34	1 of 1	0.0	ON	<u>BORE</u>
Borehole ID:	590488			Type: Outcrop
Use:				Status: Unknown
Drill Method:				UTM Zone: 17
Easting:	607512.000			Northing: 4854823.000
Location Accuracy:				Orig. Ground Elev m: 217.699997
Elev. Reliability Note:				DEM Ground Elev m: 218
Total Depth m:	1.300000			Primary Name: OGS-OLW-62-520
Township:				Concession:
Lot:				Municipality:
Completion Date:				Static Water Level:
Primary Water Use:				Sec. Water Use:
--- Details ---				
Stratum ID:	218339944			Top Depth m: 0
Bottom Depth m:	1.300000			Stratum Desc: sa
35	1 of 1	0.0	ON	<u>WWIS</u>
Well ID:	7038445			Lot:
Concession:				Concession Name:
County:	YORK			Municipality: VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608444			Northing Nad83: 4849192
Zone:	17			Utm Reliability: margin of error : 10 - 30 m
Primary Water Use:				Construction Date: 26-OCT-06
Sec. Water Use:				Well Depth: 4.88 m
Pump Rate:				Static Water Level:
Flow Rate:				Clear/Cloudy:
Specific Capacity:				Final Well Status: Abandoned-Other
Construction Method:	Other Method			Flowing (y/n):
Elevation (m):	194.54			Elevation Reliability:
Depth to Bedrock:				Overburden/Bedrock: Overburden
Water Type:				Casing Material: PLASTIC
--- Details ---				
Thickness:	3.1 m			Original Depth: 3.1 m
Material Colour:	BROWN			Material: SILT, SAND
+				
Thickness:	1.78 m			Original Depth: 4.88 m
Material Colour:	BROWN			Material: SAND, SILT

Map Key	Number of Records	Elevation m	Site	DB
36	1 of 1	0.0	lot 18 con 10 ON	WWIS
Well ID:	6907183		Lot:	018
Concession:	10		Concession Name:	CON
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607900.7		Northing Nad83:	4852072
Zone:	17		Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Livestock		Construction Date:	12-MAY-59
Sec. Water Use:	Domestic		Well Depth:	55 ft
Pump Rate:	5 GPM		Static Water Level:	30 ft
Flow Rate:			Clear/Cloudy:	CLEAR
Specific Capacity:			Final Well Status:	Water Supply
Construction Method:	Boring		Flowing (y/n):	N
Elevation (m):	199.37		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	Overburden
Water Type:	FRESH		Casing Material:	CONCRETE
--- Details ---				
Thickness:	15 ft		Original Depth:	15 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	40 ft		Original Depth:	55 ft
Material Colour:	GREY		Material:	CLAY, STONES
37	1 of 1	0.0	ON	BORE
Borehole ID:	590681		Type:	Outcrop
Use:			Status:	Unknown
Drill Method:			UTM Zone:	17
Easting:	607712.000		Northing:	4853823.000
Location Accuracy:			Orig. Ground Elev m:	209.399994
Elev. Reliability Note:			DEM Ground Elev m:	207.100006
Total Depth m:	1.400000		Primary Name:	OGS-OLW-62-519
Township:			Concession:	
Lot:			Municipality:	
Completion Date:			Static Water Level:	
Primary Water Use:			Sec. Water Use:	
--- Details ---				
Stratum ID:	218339943		Top Depth m:	0
Bottom Depth m:	1.400000		Stratum Desc:	si clay
38	1 of 1	0.0	John Burbidge Farm 10555 Huntington Road Nashville ON L0S 1C0	GEN
SIC Code:	111999			
SIC Description:	All Other Miscellaneous Crop Farming			
Generator #:	ON9353778			
Approval Yrs:	05			
--- Details ---				
Waste Code:	252			
Waste Description:	WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Elevation m	Site	DB
39	1 of 1	0.0	lot 25 con 10 ON	WWIS
Well ID:	6921131	Lot:	025	
Concession:	10	Concession Name:	CON	
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)	
Easting Nad83:	607330	Northing Nad83:	4855120	
Zone:	17	Utm Reliability:	margin of error : 30 m - 100 m	
Primary Water Use:	Domestic	Construction Date:	17-AUG-89	
Sec. Water Use:		Well Depth:	6 ft	
Pump Rate:	1 GPM	Static Water Level:	98 ft	
Flow Rate:		Clear/Cloudy:	CLEAR	
Specific Capacity:		Final Well Status:	Water Supply	
Construction Method:	Rotary (Convent.)	Flowing (y/n):	N	
Elevation (m):	217.31	Elevation Reliability:		
Depth to Bedrock:	130	Overburden/Bedrock:	Mixed in a Layer	
Water Type:	FRESH	Casing Material:	STEEL	
--- Details ---				
Thickness:	4 ft	Original Depth:	4 ft	
Material Colour:	BROWN	Material:	SAND	
+				
Thickness:	2 ft	Original Depth:	6 ft	
Material Colour:	BROWN	Material:	CLAY, GRAVEL	
+				
Thickness:	95 ft	Original Depth:	101 ft	
Material Colour:	BLUE	Material:	CLAY, GRAVEL	
+				
Thickness:	29 ft	Original Depth:	130 ft	
Material Colour:	GREY	Material:	MEDIUM SAND, GRAVEL	
+				
Thickness:	11 ft	Original Depth:	141 ft	
Material Colour:	GREY	Material:	GRAVEL, SAND, SHALE	
+				
Thickness:	9 ft	Original Depth:	150 ft	
Material Colour:	GREY	Material:	SHALE	

40	1 of 1	0.0	lot 17 con 10 ON	WWIS
Well ID:	6907179	Lot:	017	
Concession:	10	Concession Name:	CON	
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)	
Easting Nad83:	607968.7	Northing Nad83:	4851659	
Zone:	17	Utm Reliability:	unknown UTM	
Primary Water Use:	Livestock	Construction Date:	01-AUG-51	
Sec. Water Use:	Domestic	Well Depth:	90 ft	
Pump Rate:	1 GPM	Static Water Level:	40 ft	
Flow Rate:		Clear/Cloudy:	CLEAR	
Specific Capacity:		Final Well Status:	Water Supply	
Construction Method:	Cable Tool	Flowing (y/n):	N	
Elevation (m):	197.93	Elevation Reliability:		
Depth to Bedrock:	90	Overburden/Bedrock:	Bedrock	
Water Type:	FRESH	Casing Material:	OPEN HOLE,STEEL	

Map Key	Number of Records	Elevation m	Site	DB
--- Details ---				
Thickness:	45 ft		Original Depth:	45 ft
Material Colour:			Material:	PREVIOUSLY DUG
+				
Thickness:	35 ft		Original Depth:	80 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	10 ft		Original Depth:	90 ft
Material Colour:	BLUE		Material:	CLAY, STONES
+				
Thickness:	40 ft		Original Depth:	130 ft
Material Colour:	BLUE		Material:	SHALE
41	1 of 3	0.0	MAZZA LANDSCAPING ENTERPRISES INC. 9307 HUNTINGTON ROAD VAUGHAN ON L0J 1H0	GEN
SIC Code:		4219		
SIC Description:		OTHER SITE WORK		
Generator #:		ON2176000		
Approval Yrs:		96,97,98,99,00,01		
--- Details ---				
Waste Code:		213		
Waste Description:		PETROLEUM DISTILLATES		
+				
Waste Code:		252		
Waste Description:		WASTE OILS & LUBRICANTS		
41	2 of 3	0.0	914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC 9307 HUNTINGTON RD KLEINBURG ON L0J 1C0	PES
Licence No.:				
Licence Type:				
41	3 of 3	0.0	MAZZA LANDSCAPING ENTERPRISES INC. 914272 ONT. INC. 9307 HUNTINGTON ROAD 364 KLEINBURG ON L0J 1C0	PES
Licence No.:				
Licence Type:				
42	1 of 5	0.0	8934 Huntington Road Kleinburg (Vaughan) ON L0J 1C0	EHS
Order No.:		20100406010		
Report Date:		4/14/2010		
Report Type:		Standard Report		
Search Radius (km):		0.25		
Addit. Info Ordered:				

Map Key	Number of Records	Elevation m	Site	DB
42	2 of 5	0.0	8934 huntington Road Kleinburg ON L0J 1C0	<u>EHS</u>
Order No.:		20061108030		
Report Date:		11/17/2006		
Report Type:		Custom Report		
Search Radius (km):		0.5		
Addit. Info Ordered:		Fire Insur. Maps And /or Site Plans		
42	3 of 5	0.0	Theresa Frame GARIBALDI 8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	<u>RSC</u>
Date Submitted:		29-Jun-11		
Date Acknowledg.:				
Date Returned:				
Certification Date:		13-Apr-11		
Soil Type:				
Restoration Type:				
Registration #:		108317		
Stratified (Y/N):				
Criteria:				
Consultant:				
District Office:		VAUGHAN		
Intended Prop Use:		Commercial		
Current Property Use:		Commercial		
Certificate Prop Use #:		No CPU		
Applicable Standards:		Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Industrial/Commercial/Community property use		
Legal Description:		ENTIRE LEGAL DESCRIPTION: PCL 13-2, SEC V10 ; PT LTS 13 & 14, CON 10 , (VGN) PART 2, 65R-14735 ; VAUGHAN RSC LEGAL DESCRIPTION: PART 1 ON PLAN 65R-32987, CITY OF VAUGHAN, REGIONAL MUNICIPALITY OF YORK		
Prop. Identification #:		03319-0016(LT)		
Entire legal prop. (y/n):		No		
UTM Coordinates:		NAD83 17-608230-4850234		
Latitude & Longitude:		43.79725210N 79.65464130W (converted from UTM)		
Accuracy Estimate:		21 to 100 meters		
Measurement Method:		Digitized from a map		
CPU Issued Sect 1686:		No		
42	4 of 5	0.0	Theresa Frame GARIBALDI 8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	<u>RSC</u>
Date Submitted:		28-Jun-11		
Date Acknowledg.:				
Date Returned:				
Certification Date:		5-Apr-10		
Soil Type:				
Restoration Type:				
Registration #:		108531		
Stratified (Y/N):				
Criteria:				
Consultant:				
District Office:		VAUGHAN		

Map Key	Number of Records	Elevation m	Site	DB
<p><i>Intended Prop Use:</i> Commercial <i>Current Property Use:</i> Commercial <i>Certificate Prop Use #:</i> No CPU <i>Applicable Standards:</i> Full Depth Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Industrial/Commercial/Community property use <i>Legal Description:</i> ENTIRE LEGAL DESCRIPTION: PCL 13-2, SEC V10 ; PT LTS 13 & 14, CON 10 , (VGN) PART 2, 65R-14735 ; VAUGHAN RSC LEGAL DESCRIPTION: PART 3 ON PLAN 65R-32987, CITY OF VAUGHAN, REGIONAL MUNICIPALITY OF YORK <i>Prop. Identification #:</i> 03319-0016(LT) <i>Entire legal prop. (y/n):</i> No <i>UTM Coordinates:</i> NAD83 17-608267-4850045 <i>Latitude & Longitude:</i> 43.79554540N 79.65421970W (converted from UTM) <i>Accuracy Estimate:</i> 21 to 100 meters <i>Measurement Method:</i> Digitized from a map <i>CPU Issued Sect 1686:</i> No</p>				
42	5 of 5	0.0	Theresa Frame GARIBALDI 8934 HUNTINGTON RD, KLEINBURG, ON, L0J 1C0 ON L0J 1C0	RSC
<p><i>Date Submitted:</i> 28-Jun-11 <i>Date Acknowledg.:</i> <i>Date Returned:</i> <i>Certification Date:</i> 25-Mar-10 <i>Soil Type:</i> <i>Restoration Type:</i> <i>Registration #:</i> 108529 <i>Stratified (Y/N):</i> <i>Criteria:</i> <i>Consultant:</i> <i>District Office:</i> VAUGHAN <i>Intended Prop Use:</i> Commercial <i>Current Property Use:</i> Commercial <i>Certificate Prop Use #:</i> No CPU <i>Applicable Standards:</i> Background Site Conditions Standard, with Potable Ground Water, Medium/Fine Textured Soil, for Industrial/Commercial/Community property use <i>Legal Description:</i> ENTIRE LEGAL DESCRIPTION: PCL 13-2, SEC V10 ; PT LTS 13 & 14, CON 10 , (VGN) PART 2, 65R-14735 ; VAUGHAN RSC LEGAL DESCRIPTION: PART 2 ON PLAN 65R-32987, CITY OF VAUGHAN, REGIONAL MUNICIPALITY OF YORK <i>Prop. Identification #:</i> 03319-0016(LT) <i>Entire legal prop. (y/n):</i> No <i>UTM Coordinates:</i> NAD83 17-608259-4850101 <i>Latitude & Longitude:</i> 43.79605060N 79.65430780W (converted from UTM) <i>Accuracy Estimate:</i> 11 to 20 meters <i>Measurement Method:</i> Digitized from a map <i>CPU Issued Sect 1686:</i> No</p>				
43	1 of 1	0.0	lot 10 con 10 ON	WWIS
<p><i>Well ID:</i> 7132316 <i>Concession:</i> 10 <i>County:</i> YORK <i>Easting Nad83:</i> 608331 <i>Zone:</i> 17 <i>Primary Water Use:</i> Not Used <i>Sec. Water Use:</i> <i>Pump Rate:</i></p> <p><i>Lot:</i> 010 <i>Concession Name:</i> CON <i>Municipality:</i> VAUGHAN TOWN (VAUGHAN TWP) <i>Northing Nad83:</i> 4849640 <i>Utm Reliability:</i> margin of error : 10 - 30 m <i>Construction Date:</i> 29-SEP-09 <i>Well Depth:</i> <i>Static Water Level:</i> 2.13 m</p>				

Map Key	Number of Records	Elevation m	Site	DB
Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	195.53			
Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:				Abandoned-Other
--- Details --- Thickness: Material Colour:	m			
Original Depth: Material:			m	
44	1 of 1	0.0	ON	<u>BORE</u>
Borehole ID: Use: Drill Method: Easting: Location Accuracy: Elev. Reliability Note: Total Depth m: Township: Lot: Completion Date: Primary Water Use:	590629 608012.000 1.400000			
Type: Status: UTM Zone: Northing: Orig. Ground Elev m: DEM Ground Elev m: Primary Name: Concession: Municipality: Static Water Level: Sec. Water Use:				Outcrop Unknown 17 4852373.000 200 197.899994 OGS-OLW-62-518
--- Details --- Stratum ID: Bottom Depth m:	218339942 1.400000			
Top Depth m: Stratum Desc:			0 cl	
45	1 of 1	0.0	lot 25 con 9 ON	<u>WWIS</u>
Well ID: Concession: County: Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	7041665 09 YORK 607573 17 216.36			
Lot: Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:				025 VAUGHAN TOWN (VAUGHAN TWP) 4854712 margin of error : 10 - 30 m 01-MAR-07 Abandoned-Other No formation data CONCRETE
46	1 of 1	0.0	lot 17 con 10 ON	<u>WWIS</u>
Well ID: Concession: County: Easting Nad83: Zone: Primary Water Use:	6907178 10 YORK 607948.6 17 Not Used			
Lot: Concession Name: Municipality: Northing Nad83: Utm Reliability: Construction Date:				017 CON VAUGHAN TOWN (VAUGHAN TWP) 4851652 unknown UTM 23-JUL-51

Map Key	Number of Records	Elevation m	Site	DB
<i>Sec. Water Use:</i> <i>Pump Rate:</i> 0 GPM <i>Flow Rate:</i> <i>Specific Capacity:</i> <i>Construction Method:</i> Cable Tool <i>Elevation (m):</i> 198.57 <i>Depth to Bedrock:</i> 90 <i>Water Type:</i> FRESH		<i>Well Depth:</i> 90 ft <i>Static Water Level:</i> 40 ft <i>Clear/Cloudy:</i> CLEAR <i>Final Well Status:</i> Abandoned-Supply <i>Flowing (y/n):</i> N <i>Elevation Reliability:</i> <i>Overburden/Bedrock:</i> Bedrock <i>Casing Material:</i> OPEN HOLE,STEEL		
--- Details ---				
<i>Thickness:</i> 3 ft <i>Material Colour:</i>		<i>Original Depth:</i> 3 ft <i>Material:</i> TOPSOIL		
+				
<i>Thickness:</i> 17 ft <i>Material Colour:</i> BROWN		<i>Original Depth:</i> 20 ft <i>Material:</i> CLAY		
+				
<i>Thickness:</i> 60 ft <i>Material Colour:</i> BLUE		<i>Original Depth:</i> 80 ft <i>Material:</i> CLAY		
+				
<i>Thickness:</i> 10 ft <i>Material Colour:</i>		<i>Original Depth:</i> 90 ft <i>Material:</i> CLAY, STONES		
+				
<i>Thickness:</i> 50 ft <i>Material Colour:</i> BLUE		<i>Original Depth:</i> 140 ft <i>Material:</i> SHALE		
47	1 of 1	0.0	ON	<u>BORE</u>
<i>Borehole ID:</i> 590767 <i>Use:</i> <i>Drill Method:</i> <i>Easting:</i> 608312.000 <i>Location Accuracy:</i> <i>Elev. Reliability Note:</i> <i>Total Depth m:</i> 1.100000 <i>Township:</i> <i>Lot:</i> <i>Completion Date:</i> <i>Primary Water Use:</i>		<i>Type:</i> Outcrop <i>Status:</i> Unknown <i>UTM Zone:</i> 17 <i>Northing:</i> 4850923.000 <i>Orig. Ground Elev m:</i> 195.199997 <i>DEM Ground Elev m:</i> 194.300003 <i>Primary Name:</i> OGS-OLW-62-506 <i>Concession:</i> <i>Municipality:</i> <i>Static Water Level:</i> <i>Sec. Water Use:</i>		
--- Details ---				
<i>Stratum ID:</i> 218339929 <i>Bottom Depth m:</i> 1.100000		<i>Top Depth m:</i> 0 <i>Stratum Desc:</i> Di si sa		
48	1 of 1	0.0	lot 17 con 10 ON	<u>WWIS</u>
<i>Well ID:</i> 6907181 <i>Concession:</i> 10 <i>County:</i> YORK <i>Easting Nad83:</i> 607927.6 <i>Zone:</i> 17 <i>Primary Water Use:</i> Livestock <i>Sec. Water Use:</i> Domestic <i>Pump Rate:</i> 1 GPM		<i>Lot:</i> 017 <i>Concession Name:</i> CON <i>Municipality:</i> VAUGHAN TOWN (VAUGHAN TWP) <i>Northing Nad83:</i> 4851714 <i>Utm Reliability:</i> margin of error : 100 m - 300 m <i>Construction Date:</i> 07-OCT-62 <i>Well Depth:</i> 71 ft <i>Static Water Level:</i> 48 ft		

Map Key	Number of Records	Elevation m	Site	DB
Flow Rate:				CLEAR
Specific Capacity:				Water Supply
Construction Method:	Boring			N
Elevation (m):	199.16			Elevation Reliability:
Depth to Bedrock:	70			Overburden/Bedrock: Bedrock
Water Type:	FRESH			Casing Material: CONCRETE
--- Details ---				
Thickness:	15 ft		Original Depth:	15 ft
Material Colour:	BROWN		Material:	CLAY, BOULDERS
+				
Thickness:	36 ft		Original Depth:	51 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	2 ft		Original Depth:	53 ft
Material Colour:			Material:	COARSE SAND
+				
Thickness:	17 ft		Original Depth:	70 ft
Material Colour:	BLUE		Material:	CLAY
+				
Thickness:	1 ft		Original Depth:	71 ft
Material Colour:			Material:	SHALE

49 **1 of 1** **0.0** **lot 18 con 9 ON** [WWIS](#)

Well ID:	6915454	Lot:	018
Concession:	09	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608064.7	Northing Nad83:	4852223
Zone:	17	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:		Construction Date:	09-MAR-79
Sec. Water Use:		Well Depth:	93 ft
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Abandoned-Supply
Construction Method:	Rotary (Convent.)	Flowing (y/n):	
Elevation (m):	200.41	Elevation Reliability:	
Depth to Bedrock:	93	Overburden/Bedrock:	Bedrock
Water Type:		Casing Material:	
--- Details ---			
Thickness:	17 ft	Original Depth:	17 ft
Material Colour:	BROWN	Material:	CLAY, STONES
+			
Thickness:	32 ft	Original Depth:	49 ft
Material Colour:	BLUE	Material:	CLAY, STONES, SOFT
+			
Thickness:	35 ft	Original Depth:	84 ft
Material Colour:	BLUE	Material:	CLAY, STONES, SAND
+			
Thickness:	9 ft	Original Depth:	93 ft
Material Colour:	GREY	Material:	CLAY, STONES, SOFT

Map Key	Number of Records	Elevation m	Site	DB
+				
Thickness:	12 ft		Original Depth:	105 ft
Material Colour:	GREEN		Material:	SHALE
50	1 of 1	0.0	ON	WWIS
Well ID:	7137008		Lot:	
Concession:			Concession Name:	
County:	YORK		Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608285		Northing Nad83:	4849627
Zone:	17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Monitoring		Construction Date:	21-NOV-09
Sec. Water Use:			Well Depth:	
Pump Rate:			Static Water Level:	
Flow Rate:			Clear/Cloudy:	
Specific Capacity:			Final Well Status:	Abandoned-Other
Construction Method:	Boring		Flowing (y/n):	
Elevation (m):	195.54		Elevation Reliability:	
Depth to Bedrock:			Overburden/Bedrock:	
Water Type:			Casing Material:	
--- Details ---				
Thickness:	ft		Original Depth:	ft
Material Colour:			Material:	
51	1 of 1	0.0	Part Lot 9, Con 10 Vaughan ON	EHS
Order No.:	20070614024			
Report Date:	6/25/2007			
Report Type:	CAN - Custom Report			
Search Radius (km):	0.25			
Addit. Info Ordered:				
52	1 of 1	0.0	ON	BORE
Borehole ID:	589987		Type:	Outcrop
Use:			Status:	Unknown
Drill Method:			UTM Zone:	17
Easting:	608612.000		Northing:	4848823.000
Location Accuracy:			Orig. Ground Elev m:	191.300003
Elev. Reliability Note:			DEM Ground Elev m:	189.500000
Total Depth m:	1.400000		Primary Name:	OGS-OLW-62-501
Township:			Concession:	
Lot:			Municipality:	
Completion Date:			Static Water Level:	
Primary Water Use:			Sec. Water Use:	
--- Details ---				
Stratum ID:	218339924		Top Depth m:	0
Bottom Depth m:	1.400000		Stratum Desc:	Di si sa

Map Key	Number of Records	Elevation m	Site	DB
53	1 of 1	0.0	lot 10 con 10 ON	<u>WWIS</u>
<i>Well ID:</i>	7132317		<i>Lot:</i>	010
<i>Concession:</i>	10		<i>Concession Name:</i>	CON
<i>County:</i>	YORK		<i>Municipality:</i>	VAUGHAN TOWN (VAUGHAN TWP)
<i>Easting Nad83:</i>	608275		<i>Northing Nad83:</i>	4849645
<i>Zone:</i>	17		<i>Utm Reliability:</i>	margin of error : 10 - 30 m
<i>Primary Water Use:</i>	Not Used		<i>Construction Date:</i>	29-SEP-09
<i>Sec. Water Use:</i>			<i>Well Depth:</i>	
<i>Pump Rate:</i>			<i>Static Water Level:</i>	3.04 ft
<i>Flow Rate:</i>			<i>Clear/Cloudy:</i>	
<i>Specific Capacity:</i>			<i>Final Well Status:</i>	Abandoned-Other
<i>Construction Method:</i>			<i>Flowing (y/n):</i>	
<i>Elevation (m):</i>	195.18		<i>Elevation Reliability:</i>	
<i>Depth to Bedrock:</i>			<i>Overburden/Bedrock:</i>	
<i>Water Type:</i>			<i>Casing Material:</i>	CONCRETE
--- Details ---				
<i>Thickness:</i>	ft		<i>Original Depth:</i>	ft
<i>Material Colour:</i>			<i>Material:</i>	

54	1 of 1	0.0	lot 25 con 10 ON	<u>WWIS</u>
<i>Well ID:</i>	6920219		<i>Lot:</i>	025
<i>Concession:</i>	10		<i>Concession Name:</i>	CON
<i>County:</i>	YORK		<i>Municipality:</i>	VAUGHAN TOWN (VAUGHAN TWP)
<i>Easting Nad83:</i>	607240		<i>Northing Nad83:</i>	4855075
<i>Zone:</i>	17		<i>Utm Reliability:</i>	margin of error : 30 m - 100 m
<i>Primary Water Use:</i>			<i>Construction Date:</i>	16-NOV-88
<i>Sec. Water Use:</i>			<i>Well Depth:</i>	75 ft
<i>Pump Rate:</i>			<i>Static Water Level:</i>	
<i>Flow Rate:</i>			<i>Clear/Cloudy:</i>	
<i>Specific Capacity:</i>			<i>Final Well Status:</i>	Abandoned-Supply
<i>Construction Method:</i>	Rotary (Convent.)		<i>Flowing (y/n):</i>	
<i>Elevation (m):</i>	216.68		<i>Elevation Reliability:</i>	
<i>Depth to Bedrock:</i>			<i>Overburden/Bedrock:</i>	Overburden
<i>Water Type:</i>			<i>Casing Material:</i>	
--- Details ---				
<i>Thickness:</i>	3 ft		<i>Original Depth:</i>	3 ft
<i>Material Colour:</i>	BROWN		<i>Material:</i>	TOPSOIL
+				
<i>Thickness:</i>	1 ft		<i>Original Depth:</i>	4 ft
<i>Material Colour:</i>	BROWN		<i>Material:</i>	CLAY
+				
<i>Thickness:</i>	2 ft		<i>Original Depth:</i>	6 ft
<i>Material Colour:</i>	BROWN		<i>Material:</i>	SAND
+				
<i>Thickness:</i>	61 ft		<i>Original Depth:</i>	67 ft
<i>Material Colour:</i>	BLUE		<i>Material:</i>	CLAY, GRAVEL
+				
<i>Thickness:</i>	8 ft		<i>Original Depth:</i>	75 ft
<i>Material Colour:</i>	GREY		<i>Material:</i>	SAND, COARSE GRAVEL
+				

Map Key	Number of Records	Elevation m	Site	DB
Thickness:	35 ft		Original Depth:	110 ft
Material Colour:	BLUE		Material:	CLAY, GRAVEL
+				
Thickness:	65 ft		Original Depth:	175 ft
Material Colour:			Material:	GRAVEL, SILT, CLAY
+				
Thickness:	10 ft		Original Depth:	185 ft
Material Colour:	BLUE		Material:	CLAY, GRAVEL

55 **1 of 1** **0.0** **8700 Huntington Road** **EHS**
Vaughan ON

Order No.: 20101005013
Report Date: 10/14/2010
Report Type: Standard Report
Search Radius (km): 0.25
Addit. Info Ordered:

56 **1 of 1** **0.0** **ON** **BORE**

Borehole ID:	649153	Type:	Borehole
Use:	Geotechnical/Geological Investigation	Status:	
Drill Method:	Power auger	UTM Zone:	17
Easting:	607655.000	Northing:	4852823.000
Location Accuracy:		Orig. Ground Elev m:	204.500000
Elev. Reliability Note:		DEM Ground Elev m:	202.199997
Total Depth m:	11.400000	Primary Name:	
Township:		Concession:	
Lot:		Municipality:	
Completion Date:	1970-JUN	Static Water Level:	
Primary Water Use:	Not Used	Sec. Water Use:	

--- Details ---

Stratum ID:	218525952	Top Depth m:	0
Bottom Depth m:	0.200000	Stratum Desc:	SOIL,ORGANIC. AGE QUATERNARY.
+			
Stratum ID:	218525953	Top Depth m:	0.200000
Bottom Depth m:	3.400000	Stratum Desc:	CLAY,SILT. BROWN,LACUSTRINE,HARD, AGE GLACIAL.
+			
Stratum ID:	218525954	Top Depth m:	3.400000
Bottom Depth m:	4.300000	Stratum Desc:	SILT,SAND,CLAY, STONES. BROWN,GLACIAL,HARD, AGE GLACIAL.
+			
Stratum ID:	218525955	Top Depth m:	4.300000
Bottom Depth m:	10.700000	Stratum Desc:	CLAY,SILT,SAND, STONES. BROWN,GREY,GLACIAL,HARD, AGE GLACIAL.
+			
Stratum ID:	218525956	Top Depth m:	10.700000
Bottom Depth m:	11.400000	Stratum Desc:	SILT,SAND,CLAY. GREY,FLUVIO-

Map Key	Number of Records	Elevation m	Site	DB
				GLACIAL, VERY DENSE, AGE GLACIAL. 016 013 0
57	1 of 1	0.0	LAWN MEDICS 930 NASHVILLE RD KLEINBURG ON L0J 1C0	PES
Licence No.: Licence Type: Operator				
58	1 of 1	0.0	lot 15 con 10 ON	WWIS
Well ID: 7190510 Lot: 015 Concession: 10 Concession Name: CON County: YORK Municipality: VAUGHAN TOWN (VAUGHAN TWP) Easting Nad83: 608064 Northing Nad83: 4850689 Zone: 17 Utm Reliability: margin of error : 30 m - 100 m Primary Water Use: Construction Date: 26-NOV-11 Sec. Water Use: Well Depth: Pump Rate: Static Water Level: Flow Rate: Clear/Cloudy: Specific Capacity: Final Well Status: Construction Method: Flowing (y/n): Elevation (m): Elevation Reliability: Depth to Bedrock: Overburden/Bedrock: Water Type: Casing Material:				
59	1 of 1	0.0	8736 Huntington Road Vaughan ON	EHS
Order No.: 20121214005 Report Date: 27-DEC-12 Report Type: Standard Report Search Radius (km): .25 Addit. Info Ordered:				
60	1 of 1	0.0	8700 HUNTINGTON RD VAUGHAN ON	EHS
Order No.: 20110107009 Report Date: 1/12/2011 Report Type: Standard Select Report Search Radius (km): 0.25 Addit. Info Ordered:				
61	1 of 1	0.0	lot -01 con 10 ON	WWIS
Well ID: 7102542 Lot: -01 Concession: 10 Concession Name: 15 County: YORK Municipality: WOODBRIDGE VILLAGE Easting Nad83: 608123 Northing Nad83: 4850225 Zone: 17 Utm Reliability: margin of error : 10 - 30 m				

Map Key	Number of Records	Elevation m	Site	DB
<i>Primary Water Use:</i> <i>Sec. Water Use:</i> <i>Pump Rate:</i> <i>Flow Rate:</i> <i>Specific Capacity:</i> <i>Construction Method:</i> <i>Elevation (m):</i> <i>Depth to Bedrock:</i> <i>Water Type:</i>	Not Used 192.32			<i>Construction Date:</i> 12-JAN-08 <i>Well Depth:</i> <i>Static Water Level:</i> <i>Clear/Cloudy:</i> <i>Final Well Status:</i> Abandoned-Other <i>Flowing (y/n):</i> N <i>Elevation Reliability:</i> <i>Overburden/Bedrock:</i> <i>Casing Material:</i>
--- Details ---				
<i>Thickness:</i>	m		<i>Original Depth:</i>	m
<i>Material Colour:</i>			<i>Material:</i>	
62	1 of 1	0.0	lot 17 con 10 ON	<u>WWIS</u>
<i>Well ID:</i> <i>Concession:</i> <i>County:</i> <i>Easting Nad83:</i> <i>Zone:</i> <i>Primary Water Use:</i> <i>Sec. Water Use:</i> <i>Pump Rate:</i> <i>Flow Rate:</i> <i>Specific Capacity:</i> <i>Construction Method:</i> <i>Elevation (m):</i> <i>Depth to Bedrock:</i> <i>Water Type:</i>	6907182 10 YORK 607868.6 17 Not Used 2 GPM Cable Tool 201.08 93 FRESH		<i>Lot:</i> <i>Concession Name:</i> <i>Municipality:</i> <i>Northing Nad83:</i> <i>Utm Reliability:</i> <i>Construction Date:</i> <i>Well Depth:</i> <i>Static Water Level:</i> <i>Clear/Cloudy:</i> <i>Final Well Status:</i> <i>Flowing (y/n):</i> <i>Elevation Reliability:</i> <i>Overburden/Bedrock:</i> <i>Casing Material:</i>	017 CON VAUGHAN TOWN (VAUGHAN TWP) 4851608 margin of error : 100 m - 300 m 30-AUG-62 94 ft 38 ft CLOUDY Abandoned-Quality N Bedrock
--- Details ---				
<i>Thickness:</i>	15 ft		<i>Original Depth:</i>	15 ft
<i>Material Colour:</i>	BROWN		<i>Material:</i>	CLAY
+				
<i>Thickness:</i>	22 ft		<i>Original Depth:</i>	37 ft
<i>Material Colour:</i>	BLUE		<i>Material:</i>	CLAY
+				
<i>Thickness:</i>	18 ft		<i>Original Depth:</i>	55 ft
<i>Material Colour:</i>	BLUE		<i>Material:</i>	CLAY, STONES
+				
<i>Thickness:</i>	2 ft		<i>Original Depth:</i>	57 ft
<i>Material Colour:</i>			<i>Material:</i>	CLAY, MEDIUM SAND
+				
<i>Thickness:</i>	36 ft		<i>Original Depth:</i>	93 ft
<i>Material Colour:</i>			<i>Material:</i>	CLAY, SILT
+				
<i>Thickness:</i>	1 ft		<i>Original Depth:</i>	94 ft
<i>Material Colour:</i>			<i>Material:</i>	SHALE
63	1 of 1	0.0	9441 Huntington Road Vaughan ON	<u>EHS</u>

Map Key	Number of Records	Elevation m	Site	DB
Order No.:		20090225018		
Report Date:		3/2/2009		
Report Type:		Custom Report		
Search Radius (km):		0.25		
Addit. Info Ordered:				

64	1 of 1	0.0	lot 23 con 9 ON	<u>WWIS</u>
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Well ID:	6923388	Lot:	023
Concession:	09	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607767	Northing Nad83:	4854197
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic	Construction Date:	11-AUG-95
Sec. Water Use:		Well Depth:	93 ft
Pump Rate:	20 GPM	Static Water Level:	104 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)	Flowing (y/n):	N
Elevation (m):	210.27	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	Overburden
Water Type:	FRESH	Casing Material:	STEEL

--- Details ---

Thickness:	1 ft	Original Depth:	1 ft
Material Colour:		Material:	TOPSOIL
+			
Thickness:	11 ft	Original Depth:	12 ft
Material Colour:	BROWN	Material:	CLAY
+			
Thickness:	49 ft	Original Depth:	61 ft
Material Colour:	BLUE	Material:	CLAY
+			
Thickness:	7 ft	Original Depth:	68 ft
Material Colour:		Material:	GRAVEL, CLAY
+			
Thickness:	25 ft	Original Depth:	93 ft
Material Colour:	BLUE	Material:	CLAY, HARD
+			
Thickness:	75 ft	Original Depth:	168 ft
Material Colour:	BLUE	Material:	CLAY, SOFT
+			
Thickness:	5 ft	Original Depth:	173 ft
Material Colour:		Material:	SAND

65	1 of 1	0.0	lot -01 con 10 ON	<u>WWIS</u>
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Well ID:	7102543	Lot:	-01
Concession:	10	Concession Name:	15
County:	YORK	Municipality:	WOODBRIIDGE VILLAGE
Easting Nad83:	608120	Northing Nad83:	4850184

Map Key	Number of Records	Elevation m	Site	DB
Zone:	17			
Primary Water Use:	Not Used			
Sec. Water Use:				
Pump Rate:				
Flow Rate:				
Specific Capacity:				
Construction Method:				
Elevation (m):	190.38			
Depth to Bedrock:				
Water Type:				
--- Details ---				
Thickness:	1.7 m			
Material Colour:				

66	1 of 1	0.0	lot 25 con 9 ON	WWIS
Well ID:	6907148			
Concession:	09			
County:	YORK			
Easting Nad83:	607578.6			
Zone:	17			
Primary Water Use:	Public			
Sec. Water Use:				
Pump Rate:	1 GPM			
Flow Rate:				
Specific Capacity:				
Construction Method:	Boring			
Elevation (m):	219.29			
Depth to Bedrock:				
Water Type:	FRESH			
--- Details ---				
Thickness:	4 ft			
Material Colour:	RED			
+				
Thickness:	4 ft			
Material Colour:	GREY			
+				
Thickness:	1 ft			
Material Colour:	GREY			
+				
Thickness:	4 ft			
Material Colour:	GREY			

67	1 of 1	0.0	8400 Huntington Rd Vaughan ON L4L 1A5	SPL
Ref No.:	4123-7JRQ3D			
Incident Dt:				
MOE Reported Dt:	9/23/2008			
Contaminant Name:	MANURE			
Contaminant Quantity:				
Incident Summary:	Vaughan, Huntington rd, Manure in Rainbow creek			
Incident Cause:				

Map Key	Number of Records	Elevation m	Site	DB
Incident Reason: Nature of Impact: Surface Water Pollution Receiving Medium: Environmental Impact: Confirmed				
68	1 of 1	0.0	Interfusion Inc. 926 Nashville Rd Kleinburg ON L0J 1C0	<u>SCT</u>
Established: 9/1/1995 Plant Size (ft²): Employment:				
--- Details ---				
SIC/NAICS Code: 541430				
Description: Graphic Design Services				
+				
SIC/NAICS Code: 541430				
Description: Graphic Design Services				
+				
SIC/NAICS Code: 323119				
Description: Other Printing				
69	1 of 1	0.0	lot 13 con 10 ON	<u>WWIS</u>
Well ID: 7149877 Concession: 10 County: YORK Easting Nad83: 608116 Zone: 17 Primary Water Use: Not Used Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): 190.39 Depth to Bedrock: Water Type:				
Lot: 013 Concession Name: CON Municipality: VAUGHAN TOWN (VAUGHAN TWP) Northing Nad83: 4850183 Utm Reliability: margin of error : 10 - 30 m Construction Date: 28-MAY-10 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:				
--- Details ---				
Thickness: m				
Material Colour:				
Original Depth: m				
Material:				
70	1 of 1	0.0	lot 18 con 9 ON	<u>WWIS</u>
Well ID: 6915453 Concession: 09 County: YORK Easting Nad83: 608164.7 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate:				
Lot: 018 Concession Name: CON Municipality: VAUGHAN TOWN (VAUGHAN TWP) Northing Nad83: 4852223 Utm Reliability: margin of error : 100 m - 300 m Construction Date: 09-MAR-79 Well Depth: 97 ft Static Water Level: Clear/Cloudy:				

Map Key	Number of Records	Elevation m	Site	DB
Specific Capacity:			Final Well Status:	Abandoned-Supply
Construction Method:	Rotary (Convent.)		Flowing (y/n):	
Elevation (m):	199.9		Elevation Reliability:	
Depth to Bedrock:	97		Overburden/Bedrock:	Bedrock
Water Type:			Casing Material:	
--- Details ---				
Thickness:	15 ft		Original Depth:	15 ft
Material Colour:	BROWN		Material:	CLAY, STONES
+				
Thickness:	38 ft		Original Depth:	53 ft
Material Colour:	BLUE		Material:	CLAY, STONES
+				
Thickness:	33 ft		Original Depth:	86 ft
Material Colour:	BLUE		Material:	CLAY, STONES, SAND
+				
Thickness:	11 ft		Original Depth:	97 ft
Material Colour:	GREY		Material:	CLAY, STONES, SOFT
+				
Thickness:	28 ft		Original Depth:	125 ft
Material Colour:	GREEN		Material:	SHALE

71 **1 of 1** **0.0** **Highway 50 at Langstaff Road** **EHS**
Vaughan ON

Order No.: 20081222012
Report Date: 1/6/2009
Report Type: Custom Report
Search Radius (km): 0.25
Addit. Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Supplementary Anderson Report

72 **1 of 1** **0.0** **lot 10 con 10** **WWIS**
ON

Well ID:	6915768	Lot:	010
Concession:	10	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	608514.6	Northing Nad83:	4848723
Zone:	17	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Livestock	Construction Date:	21-APR-80
Sec. Water Use:		Well Depth:	59 ft
Pump Rate:		Static Water Level:	22 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Boring	Flowing (y/n):	N
Elevation (m):	190.39	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	Overburden
Water Type:	FRESH	Casing Material:	CONCRETE,GALVANIZED,OPEN HOLE

--- Details ---
Thickness: 1 ft Original Depth: 1 ft
Material Colour: BROWN Material: TOPSOIL
+

Map Key	Number of Records	Elevation m	Site	DB
Thickness:	9 ft		Original Depth:	10 ft
Material Colour:	BROWN		Material:	CLAY
+				
Thickness:	3 ft		Original Depth:	13 ft
Material Colour:	BROWN		Material:	SAND, STONES
+				
Thickness:	21 ft		Original Depth:	34 ft
Material Colour:	GREY		Material:	CLAY, STONES, SAND
+				
Thickness:	4 ft		Original Depth:	38 ft
Material Colour:	BLUE		Material:	CLAY, SILT, LAYERED
+				
Thickness:	21 ft		Original Depth:	59 ft
Material Colour:	GREY		Material:	MUCK, SAND, CLAY

73 **1 of 1** **0.0** **ON** **BORE**

Borehole ID:	589705	Type:	Outcrop
Use:		Status:	Unknown
Drill Method:		UTM Zone:	17
Easting:	607162.000	Northing:	4855123.000
Location Accuracy:		Orig. Ground Elev m:	217.300003
Elev. Reliability Note:		DEM Ground Elev m:	216.500000
Total Depth m:	1.400000	Primary Name:	OGS-OLW-62-533
Township:		Concession:	
Lot:		Municipality:	
Completion Date:		Static Water Level:	
Primary Water Use:		Sec. Water Use:	

--- Details ---

Stratum ID:	218339958	Top Depth m:	0
Bottom Depth m:	1.400000	Stratum Desc:	si cl

74 **1 of 1** **0.0** **lot 25 con 9 ON** **WWIS**

Well ID:	6907154	Lot:	025
Concession:	09	Concession Name:	CON
County:	YORK	Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Easting Nad83:	607637.6	Northing Nad83:	4855117
Zone:	17	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	Construction Date:	23-SEP-65
Sec. Water Use:		Well Depth:	20 ft
Pump Rate:		Static Water Level:	10 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Boring	Flowing (y/n):	N
Elevation (m):	219.73	Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	Overburden
Water Type:	FRESH	Casing Material:	CONCRETE

--- Details ---

Thickness:	2 ft	Original Depth:	2 ft
Material Colour:		Material:	TOPSOIL

<i>Map Key</i>	<i>Number of Records</i>	<i>Elevation m</i>	<i>Site</i>	<i>DB</i>
+				
<i>Thickness:</i>	16 ft		<i>Original Depth:</i>	18 ft
<i>Material Colour:</i>			<i>Material:</i>	TOPSOIL, CLAY
+				
<i>Thickness:</i>	2 ft		<i>Original Depth:</i>	20 ft
<i>Material Colour:</i>			<i>Material:</i>	GRAVEL

Unplottable Summary

DB	Company Name/Site Name	Address	City	Zip
AAGR		Lot 17/18 Con 9	Vaughan ON	
AAGR		Lot 20 Con 9	Vaughan ON	
CA	Vaughan Distribution Centre	Part Lots 16-19, Concession 10	Vaughan ON	
CA		East Half of Lot 26, Concession 10, 'Roe Road	Vaughan City ON	
CA	R.M. OF YORK - MACVIRO CONS. INC.	PT.2, 65R 14202/LOT 25, CON. 9	VAUGHAN TOWN ON	
CA	ZENBRAVO PROPERTIES INC.	SWM-L.9&10/RUTHERFORD RD.	VAUGHAN CITY ON	
CA	CON-STRADA AGGREGATES INC.	PT.LOTS 14&15,SE RUTHERFORD RD	VAUGHAN CITY ON	
CA	VAUGHAN TOWN	RUTHERFORD ROAD	VAUGHAN TOWN ON	
CA	Molise Kleinburg Estates Inc.	Part 15, 65R-31147	Vaughan ON	
CA	Molise Kleinburg Estates Inc.		Vaughan ON	
CA	Molise Kleinburg Estates Inc.		Vaughan ON	
CA	VAUGHAN TOWN	RUTHERFORD ROAD	VAUGHAN TOWN ON	
CA	ANNA LEONNE	RUTHERFORD RD.	VAUGHAN TOWN ON	
CA	CITY OF VAUGHAN	RUTHERFORD ROAD	VAUGHAN CITY ON	
CA	VAUGHAN CITY	SWM - RUTHERFORD ROAD	VAUGHAN CITY ON	
CA	VAUGHAN TOWN RUTHERFORD RD.	RUTHERFORD RD.	VAUGHAN TOWN ON	
CA	VAUGHAN TOWN	RUTHERFORD ROAD	VAUGHAN TOWN ON	
CA	VAUGHAN TOWN	RUTHERFORD RD.	VAUGHAN TOWN ON	

CA	ANNA LEONNE	RUTHERFORD RD.	VAUGHAN TOWN ON
CA	KLEINBURG HILLS ESTATES LTD.	NASHVILLE RD., PT.LOT 26/C-9	VAUGHAN CITY ON
CA	KLEINBURG HILLS ESTATES LTD.	NASHVILLE RD.,PT.LOT 26/C-9	VAUGHAN CITY ON
CA	Block 12 Properties Inc.	North of Major Mackenzie Drive	Vaughan ON
CA	MAPLE LEAF FOODS INC.	MAJOR MACKENZIE DR. (SWM)	VAUGHAN TOWN ON
CA	The Regional Municipality of York	Langstaff Road	Vaughan ON
CA	The Regional Municipality of York	Langstaff Road	Vaughan ON
CA	The Regional Municipality of York	Langstaff Road	Vaughan ON
CA	The Corporation of the City of Vaughan	Langstaff Road	Vaughan ON
CA	The Regional Municipality of York	Langstaff Road (Y.R.72) , Highway 50 to Highway 27	Vaughan ON
CA	The Regional Municipality of York	Langstaff Road (Y.R.72) , Highway 50 to Highway 27	Vaughan ON
CA	LANGSTAFF PROPERTY JOINT VENTURE LTD.	LANGSTAFF RD.	VAUGHAN ON
CA	JANE-LANGSTAFF DEVELOP. LTD. URBAN PROJ.	LANGSTAFF RD./STREET A	VAUGHAN TOWN ON
CA		LANGSTAFF RD./EASEMENTS	REGION OF YORK ON
CA	JANE-LANGSTAFF DEVELOP. LTD./URBAN PROJ.	LANGSTAFF RD./STREET A	VAUGHAN TOWN ON
CA	DEWBERRY CONSTRUCTION LIMITED	PT.LOT 11/C8,LANGSTAFF RD.,SWM	VAUGHAN CITY ON
CA	MINUK CONSTRUCTION & ENGINEERING LIMITED	SWM-PT.BLKS.4&5/LANGSTAFF RD.	VAUGHAN CITY ON
CA	VAUGHAN CITY	LANGSTAFF RD	VAUGHAN CITY ON
CA	KING STAR PRODUCTS INC.	SWM-BL.10/BL.8&9/LANGSTAFF RD.	VAUGHAN CITY ON
CA	V.P.K. METAL INC.	SWM-BLK.6/PT.BL.5/LANGSTAFF RD	VAUGHAN ON

CA	GEMINIAN BUILDERS INC.- LOT 11, CONC. 8	STREET 'A'/LANGSTAFF RD.	VAUGHAN TOWN ON
CA	PENEX LANGSTAFF LTD.	LANGSTAFF RD., PT.LOT 11/CON.8	VAUGHAN CITY ON
CA	VAUGHAN TOWN	LANGSTAFF RD.	VAUGHAN TOWN ON
CA	C.N. REAL ESTATE - BLK. #1/PIPPIN RD.	LANGSTAFF RD./STM-WATER MGT.	VAUGHAN CITY ON
CA	GEMINIAN BUILDERS INC.- LOT 11, CONC. 8	STREET 'A'/LANGSTAFF RD.	VAUGHAN TOWN ON
CA	JANE LANGSTAFF DEVELOPMENTS LTD.	LANGSTAFF RD.	VAUGHAN TOWN ON
CA	VAUGHAN TOWN NATIONAL ESTATES	LANGSTAFF RD.	VAUGHAN TOWN ON
CA	METRUS INDUSTRIAL PARKS LIMITED	EASEMENT N. OF LANGSTAFF RD.	VAUGHAN TOWN ON
ECA	City Environmental Services Ltd.	Concession 10, Pt. Lot 8-0, Highway 50 E/S	Vaughan ON
ECA	King Jane Developments Inc.	Major Mackenzie Drive	Vaughan ON
ECA	Nashville Developments Inc.	Lot 23, Concession 9	City of Vaughan ON
ECA	Molise Kleinburg Estates South Inc.	Lots 22 and 23, Concession 9	Vaughan ON
ECA	Molise Kleinburg Estates South Inc.	Lots 22 and 23, Concession 9	Vaughan ON
ECA	King Jane Developments Inc.	Major Mackenzie Drive	Vaughan ON
ECA	Kleindor Developments Inc.	Major Mackenzie Dr Northeast corner of	Vaughan ON
ECA	King Jane Developments Inc.	Major Mackenzie Drive	Vaughan ON
EHS		Major Mackenzie Dr	Vaughan ON
EHS		Rutherford Road	Vaughan ON
GEN	JACK GREEDY LTD. AND (OUT OF BUSINESS)	RR #1- LANGSTAFF ROAD	VAUGHAN ON
GEN	JACK GREEDY LTD.	(PARK LANS PAVING)	WOODBRIIDGE ON
GEN	JACK GREEDY (OUT OF BUS) 22-078	(PARK LANS PAVING)	WOODBRIIDGE ON
LIMO	U-Pak Disposal Limited	East 1/2 of Lot 20, Concession 9	Vaughan ON

PES	914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC		KLEINBURG ON
PES	914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC	PO BOX 364	KLEINBURG ON
PES	914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC		KLEINBURG ON
PRT	M T O	MAJOR MACKENZIE DR	VAUGHAN ON
SPL	C.C. TANK LINES LTD.	LANGSTAFF RD, CONCORD	VAUGHAN CITY ON
SPL	TRANSPORT TRUCK	LANGSTAFF/RUTHERFORD RD.	VAUGHAN CITY ON
SPL		Con. 10 Lts 14 and 15	Vaughan ON
SPL	CANADIAN PACIFIC RAILWAYS	CP YARD IN VAUGHAN	VAUGHAN CITY ON
SPL		Huntington Rd south of Rutherford Rd	Vaughan ON
SPL	Drainstar<UNOFFICIAL>	Pine Valley Dr north of Langstaff	Vaughan ON
SPL	CANADIAN PACIFIC RAILWAYS	CP RAIL	VAUGHAN CITY ON
SPL		Huntington Road North of Kirby Road	Vaughan ON
SPL	Longo Brothers Fruit Market Inc.		Vaughan ON
SPL	No Client<UNOFFICIAL>		Vaughan ON
SPL	Anytime, Anywhere Transport<UNOFFICIAL>	between Huntington Rd and Hwy 50, North shoulder	Vaughan ON
SPL		1 km south of Rutherford on West side of Huntington	Vaughan ON
SPL	UNKNOWN	RUTHERFORD ROAD AT THE HUMBER RIVER AT NORTH END OF WOODBIDGE.	VAUGHAN CITY ON
WWIS			VAUGHAN ON
WWIS			KLEINBURG ON

Unplottable Report

Site: **Lot 17/18 Con 9 Vaughan ON** **Database:** **[AAGR](#)**

Type: Pit
Region/County: York
Township: Vaughan
Concession: 9
Lot: 17/18
Size (ha): 23
Landuse:
Comments: being rehabilitated

Site: **Lot 20 Con 9 Vaughan ON** **Database:** **[AAGR](#)**

Type: Pit
Region/County: York
Township: Vaughan
Concession: 9
Lot: 20
Size (ha): 4
Landuse:
Comments:

Site: **Vaughan Distribution Centre** **Database:** **[CA](#)**
Part Lots 16-19, Concession 10 Vaughan ON

Certificate #: 7545-4JSK2X
Application Year: 00
Issue Date: 5/12/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Sears Canada Inc.
Client Address: 222 Jarvis Street
Client City: Toronto
Client Postal Code: M5B 2B8
Project Description: This application is for the installation of a stormwater management system to serve the Sears Canada Inc. Vaughan Distribution Centre, which includes two (2) stormwater management wet detention ponds that receives storm water runoff from a two drainage area of 16.05 and 11.22 hectares respectively, discharging to East Rainbow Creek via outlet control structures.

Contaminants:
Emission Control:

Site: **East Half of Lot 26, Concession 10, 'Roe Road Vaughan City ON** **Database:** **[CA](#)**

Certificate #:
Application Year: 99

Issue Date: 12/3/99
Approval Type: Municipal & Private sewage
Status: Cancelled
Application Type: New Certificate of Approval
Client Name: Calvary Baptist Church
Client Address: 26 Bruce Street
Client City: Woodbridge
Client Postal Code: L4L 1J4
Project Description: Stormwater Management Facility for parking lot facility
Contaminants:
Emission Control:

Site: **R.M. OF YORK - MACVIRO CONS. INC.**
PT.2, 65R 14202/LOT 25, CON. 9 VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 8-3260-90-
Application Year: 90
Issue Date: 3/11/1991
Approval Type: Industrial air
Status: Approved in 1991
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: CONSTRUCTION OF A WELL PUMPHOUSE
Contaminants: Sound, Nitrogen Oxides
Emission Control: Silencer, Silencer, Enclosure (Plenum),

Site: **ZENBRAVO PROPERTIES INC.**
SWM-L.9&10/RUTHERFORD RD. VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-1416-97-
Application Year: 97
Issue Date: 9/30/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CON-STRADA AGGREGATES INC.**
PT.LOTS 14&15,SE RUTHERFORD RD VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-0960-97-
Application Year: 97
Issue Date: 7/29/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

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

Site: VAUGHAN TOWN
RUTHERFORD ROAD VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 7-1753-87-
Application Year: 87
Issue Date: 12/17/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Molise Kleinburg Estates Inc.
Part 15, 65R-31147 Vaughan ON

Database:
[CA](#)

Certificate #: 6667-8KRN76
Application Year: 2011
Issue Date: 8/15/2011
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Molise Kleinburg Estates Inc.
Vaughan ON

Database:
[CA](#)

Certificate #: 0422-8KKHC
Application Year: 2011
Issue Date: 8/9/2011
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: **Molise Kleinburg Estates Inc.**
Vaughan ON

Database:
CA

Certificate #: 0934-8GQH53
Application Year: 2011
Issue Date: 5/18/2011
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: **VAUGHAN TOWN**
RUTHERFORD ROAD VAUGHAN TOWN ON

Database:
CA

Certificate #: 7-0551-89-
Application Year: 89
Issue Date: 5/23/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **ANNA LEONNE**
RUTHERFORD RD. VAUGHAN TOWN ON

Database:
CA

Certificate #: 7-0395-87-
Application Year: 87
Issue Date: 4/29/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **CITY OF VAUGHAN**
RUTHERFORD ROAD VAUGHAN CITY ON

Database:
CA

Certificate #: 7-0003-95-
Application Year: 95
Issue Date: 1/12/1995
Approval Type: Municipal water

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

Site: VAUGHAN CITY
SWM - RUTHERFORD ROAD VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-0803-95-
Application Year: 95
Issue Date: 7/25/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: VAUGHAN TOWN RUTHERFORD RD.
RUTHERFORD RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 7-0751-88-
Application Year: 88
Issue Date: 11/28/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: VAUGHAN TOWN
RUTHERFORD ROAD VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-2074-87-
Application Year: 87
Issue Date: 12/17/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: VAUGHAN TOWN
RUTHERFORD RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-1505-87-
Application Year: 87
Issue Date: 8/24/1987
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ANNA LEONNE
RUTHERFORD RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-0480-87-
Application Year: 87
Issue Date: 4/29/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KLEINBURG HILLS ESTATES LTD.
NASHVILLE RD., PT.LOT 26/C-9 VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 7-1099-94-
Application Year: 94
Issue Date: 11/16/1994
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KLEINBURG HILLS ESTATES LTD.
NASHVILLE RD.,PT.LOT 26/C-9 VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-1479-94-
Application Year: 94
Issue Date: 11/16/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Block 12 Properties Inc.**
North of Major Mackenzie Drive Vaughan ON

Database:
[CA](#)

Certificate #: 8980-87DGW8
Application Year: 2010
Issue Date: 7/22/2010
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: **MAPLE LEAF FOODS INC.**
MAJOR MACKENZIE DR. (SWM) VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-0539-94-
Application Year: 94
Issue Date: 5/24/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **The Regional Municipality of York**
Langstaff Road Vaughan ON

Database:
[CA](#)

Certificate #: 7130-5YAHE8
Application Year: 2004
Issue Date: 4/23/2004
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: **The Regional Municipality of York
Langstaff Road Vaughan ON**

Database:
[CA](#)

Certificate #: 6149-62EPPZ
Application Year: 2004
Issue Date: 6/29/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **The Regional Municipality of York
Langstaff Road Vaughan ON**

Database:
[CA](#)

Certificate #: 4776-63WJBM
Application Year: 2004
Issue Date: 8/16/2004
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: **The Corporation of the City of Vaughan
Langstaff Road Vaughan ON**

Database:
[CA](#)

Certificate #: 2471-64FGXT
Application Year: 2004
Issue Date: 9/17/2004
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: *The Regional Municipality of York
Langstaff Road (Y.R.72) , Highway 50 to Highway 27 Vaughan ON*

Database:
[CA](#)

Certificate #: 2442-8C4PR5
Application Year: 2010
Issue Date: 12/23/2010
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: *The Regional Municipality of York
Langstaff Road (Y.R.72) , Highway 50 to Highway 27 Vaughan ON*

Database:
[CA](#)

Certificate #: 1510-87ZGFK
Application Year: 2010
Issue Date: 8/25/2010
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: *LANGSTAFF PROPERTY JOINT VENTURE LTD.
LANGSTAFF RD. VAUGHAN ON*

Database:
[CA](#)

Certificate #: 3-0680-85-006
Application Year: 85
Issue Date: 7/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *JANE-LANGSTAFF DEVELOP. LTD. URBAN PROJ.
LANGSTAFF RD./STREET A VAUGHAN TOWN ON*

Database:
[CA](#)

Certificate #: 3-0496-85-866

Application Year: 85
Issue Date: 3/19/86
Approval Type: Municipal sewage
Status: Received in 1985, Issued in 1986
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **LANGSTAFF RD./EASEMENTS REGION OF YORK ON**

Database:
[CA](#)

Certificate #: 5-0448-85-006
Application Year: 85
Issue Date: 8/21/85
Approval Type: Provincial water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **JANE-LANGSTAFF DEVELOP. LTD./URBAN PROJ.
LANGSTAFF RD./STREET A VAUGHAN TOWN ON**

Database:
[CA](#)

Certificate #: 7-0342-85-866
Application Year: 85
Issue Date: 3/19/86
Approval Type: Municipal water
Status: Received in 1985, Issued in 1986
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **DEWBERRY CONSTRUCTION LIMITED
PT.LOT 11/C8,LANGSTAFF RD.,SWM VAUGHAN CITY ON**

Database:
[CA](#)

Certificate #: 3-0212-99-
Application Year: 99
Issue Date: 3/22/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: **MINUK CONSTRUCTION & ENGINEERING LIMITED**
SWM-PT.BLKS.4&5/LANGSTAFF RD. VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-1095-96-
Application Year: 96
Issue Date: 9/30/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **VAUGHAN CITY**
LANGSTAFF RD VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 7-0154-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **KING STAR PRODUCTS INC.**
SWM-BL.10/BL.8&9/LANGSTAFF RD. VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-0115-97-
Application Year: 97
Issue Date: 2/21/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: V.P.K. METAL INC.
SWM-BLK.6/PT.BL.5/LANGSTAFF RD VAUGHAN ON

Database:
[CA](#)

Certificate #: 3-0027-98-
Application Year: 98
Issue Date: 1/20/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GEMINIAN BUILDERS INC.-LOT 11, CONC. 8
STREET 'A'/LANGSTAFF RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 7-1265-90-
Application Year: 90
Issue Date: 8/15/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PENEX LANGSTAFF LTD.
LANGSTAFF RD., PT.LOT 11/CON.8 VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-1155-94-
Application Year: 94
Issue Date: 9/15/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: VAUGHAN TOWN
LANGSTAFF RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 7-0995-87-
Application Year: 87
Issue Date: 9/16/1987

Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: C.N. REAL ESTATE - BLK. #1/PIPPIN RD.
LANGSTAFF RD./STM-WATER MGT. VAUGHAN CITY ON

Database:
[CA](#)

Certificate #: 3-0274-92-
Application Year: 92
Issue Date: 6/10/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GEMINIAN BUILDERS INC.-LOT 11, CONC. 8
STREET 'A'/LANGSTAFF RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-1552-90-
Application Year: 90
Issue Date: 8/15/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: JANE LANGSTAFF DEVELOPMENTS LTD.
LANGSTAFF RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-0935-88-
Application Year: 88
Issue Date: 6/17/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: VAUGHAN TOWN NATIONAL ESTATES
LANGSTAFF RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-0413-88-
Application Year: 88
Issue Date: 7/18/1988
Approval Type: Municipal sewage
Status: Revised
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: METRUS INDUSTRIAL PARKS LIMITED
EASEMENT N. OF LANGSTAFF RD. VAUGHAN TOWN ON

Database:
[CA](#)

Certificate #: 3-0816-87-
Application Year: 87
Issue Date: 6/1/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City Environmental Services Ltd.
Concession 10, Pt. Lot 8-0, Highway 50 E/S Vaughan ON

Database:
[ECA](#)

CofA Number: 1561-8ECJFL
Date: 4/10/2012
Status: Approved
Project Type: Waste Management System

Site: King Jane Developments Inc.
Major Mackenzie Drive Vaughan ON

Database:
[ECA](#)

CofA Number: 4071-9BDNVS
Date: 24-SEP-13
Status: Approved
Project Type: Municipal and Private Sewage

Site: *Nashville Developments Inc.
Lot 23, Concession 9 City of Vaughan ON*

Database:
[ECA](#)

CofA Number: 4916-9G9J8P
Date: 14-FEB-14
Status: Approved
Project Type: Municipal and Private Sewage

Site: *Molise Kleinburg Estates South Inc.
Lots 22 and 23, Concession 9 Vaughan ON*

Database:
[ECA](#)

CofA Number: 7315-8X6PJ8
Date: 9/6/2012
Status: Approved
Project Type: Municipal and Private Sewage

Site: *Molise Kleinburg Estates South Inc.
Lots 22 and 23, Concession 9 Vaughan ON*

Database:
[ECA](#)

CofA Number: 5535-8X5QF4
Date: 8/14/2012
Status: Approved
Project Type: Municipal and Private Sewage

Site: *King Jane Developments Inc.
Major Mackenzie Drive Vaughan ON*

Database:
[ECA](#)

CofA Number: 8925-9CKNYU
Date: 31-OCT-13
Status: Approved
Project Type: Municipal and Private Sewage

Site: *Kleindor Developments Inc.
Major Mackenzie Dr Northeast corner of Vaughan ON*

Database:
[ECA](#)

CofA Number: 3409-96NJSQ
Date: 15-APR-13
Status: Approved
Project Type: Municipal and Private Sewage

Site: *King Jane Developments Inc.
Major Mackenzie Drive Vaughan ON*

Database:
[ECA](#)

CofA Number: 8962-9BNH DU
Date: 24-SEP-13
Status: Approved
Project Type: Municipal and Private Sewage

Site: *Major Mackenzie Dr Vaughan ON*

Database:
[EHS](#)

Order No.: 20130212028

Report Date: 20-FEB-13
Report Type: Custom Report
Search Radius (km): .25
Addit. Info Ordered:

Site: **Rutherford Road Vaughan ON**

Database:
[EHS](#)

Order No.: 20060525020
Report Date: 6/2/2006
Report Type: Basic Report
Search Radius (km): 0.25
Addit. Info Ordered:

Site: **JACK GREEDY LTD. AND (OUT OF BUSINESS)
RR #1- LANGSTAFF ROAD VAUGHAN ON**

Database:
[GEN](#)

SIC Code: 4214
SIC Description: EXCAVAT. & GRADING
Generator #: ON0232200
Approval Yrs: 98

Site: **JACK GREEDY LTD.
(PARK LANS PAVING) WOODBRIDGE ON**

Database:
[GEN](#)

SIC Code: 4214
SIC Description: EXCAVAT. & GRADING
Generator #: ON0232200
Approval Yrs: 86,87,88,89,90

--- Details ---

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: **JACK GREEDY (OUT OF BUS) 22-078
(PARK LANS PAVING) WOODBRIDGE ON**

Database:
[GEN](#)

SIC Code: 4214
SIC Description: EXCAVAT. & GRADING
Generator #: ON0232200
Approval Yrs: 92,93,94,95,96,97

Site: **U-Pak Disposal Limited
East 1/2 of Lot 20, Concession 9 Vaughan ON**

Database:
[LIMO](#)

C of A Number: A230602
Operation Status: Closed
C of A Issue Date:
Site Name: O'Connor Pit
MOE Region:
MOE District:
C of A Issued to:
Landfill Type:
Site County:
Total Site Area:

Footprint:
Total Approved Capac:
Fill Rate:
Contam. Atten. Zone:
Air Emmis. Monitor:
Groundwater Monitor:
Surf. Water Monitor:
Landfill Gas Monitor:
Natural Attenuation:
Liners:
Cover Material:
Leachate Off Site:
Leachate On Site:
Landfill Gas Manag.(P):
Landfill Gas Manag.(F):
Landfill Gas Manag.(E):
Financial Assurance:
Req Coll. Landfill Gas:
Landfill Gas Collected:
Est Remain Capac(ERC):
ERC Date Last Determ.:
ERC Methodology:
Total Waste Rec.(TWR):
TWR Methodology:
Last Reporting Year:

Site: 914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC
KLEINBURG ON

Database:
[PES](#)

Licence No.:
Licence Type: Operator

Site: 914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC
PO BOX 364 KLEINBURG ON

Database:
[PES](#)

Licence No.: 02-01-00427-0
Licence Type: Operator

Site: 914272 ONT INC/MAZZA LANDSCAPING ENTERPRISES INC
KLEINBURG ON

Database:
[PES](#)

Licence No.:
Licence Type: Operator

Site: M T O
MAJOR MACKENZIE DR VAUGHAN ON

Database:
[PRT](#)

Location ID: 16195
Type: private
Expiry Date:
Capacity (L): 18200.00
Licence #: 0001038584

Site: C.C. TANK LINES LTD.

Database:

76 erisinfo.com EcoLog ERIS Ltd.

Order #: 20140320039

Huntington Road from Langstaff Road to Nashville Road located in Vaughan, ON
Huntington Road Vaughan ON

LANGSTAFF RD, CONCORD VAUGHAN CITY ON

[SPL](#)

Ref No.: 66242
Incident Dt: 1/20/1992
MOE Reported Dt: 1/20/1992
Contaminant Name:
Contaminant Quantity:
Incident Summary: CC TRANSPORT: 5 L DIESEL FUEL TO GRND FROM TANKER DUE TO CRACKED HOSE.
Incident Cause: PIPE/HOSE LEAK
Incident Reason: ERROR
Nature of Impact:
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

Site: **TRANSPORT TRUCK
LANGSTAFF/RUTHERFORD RD. VAUGHAN CITY ON**

Database:
[SPL](#)

Ref No.: 101126
Incident Dt: 6/13/1994
MOE Reported Dt: 6/13/1994
Contaminant Name:
Contaminant Quantity:
Incident Summary: TRANSPORT TRUCK -MVA, 22LGEAR OIL TO ASPHALT,CLEA-NED UP BY YORK R.M.
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Reason: UNKNOWN
Nature of Impact:
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

Site: **Con. 10 Lts 14 and 15 Vaughan ON**

Database:
[SPL](#)

Ref No.: 3674-86NRSU
Incident Dt:
MOE Reported Dt: 6/22/2010
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)
Contaminant Quantity: 0 other - see incident description
Incident Summary: Sediment running to Rainbow Creek from constr.site.
Incident Cause:
Incident Reason:
Nature of Impact: Surface Water Pollution
Receiving Medium:
Environmental Impact: Confirmed

Site: **CANADIAN PACIFIC RAILWAYS
CP YARD IN VAUGHAN VAUGHAN CITY ON**

Database:
[SPL](#)

Ref No.: 181250
Incident Dt: 5/25/2000
MOE Reported Dt: 5/25/2000
Contaminant Name:
Contaminant Quantity:
Incident Summary: CP RAIL-3 L DIESEL TO GROUND,HOSE FALIURE, CONTAINED,CLEANED-UP.
Incident Cause: PIPE/HOSE LEAK
Incident Reason: EQUIPMENT FAILURE
Nature of Impact:
Receiving Medium: LAND
Environmental Impact: NOT ANTICIPATED

Site: **Huntington Rd south of Rutherford Rd Vaughan ON**

Database:
[SPL](#)

Ref No.: 3162-8PPKYD
Incident Dt: 12/19/2011
MOE Reported Dt: 12/19/2011
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 50 other - see incident description
Incident Summary: TT acc:MOE presence requested, diesel to ditch
Incident Cause: Other Transport Accident
Incident Reason: Equipment/Vehicles
Nature of Impact: Soil Contamination
Receiving Medium: Sewage - Municipal/Private and Commercial
Environmental Impact: Confirmed

Site: **Drainstar<UNOFFICIAL>
Pine Valley Dr north of Langstaff Vaughan ON**

Database:
[SPL](#)

Ref No.: 8850-6NFJAV
Incident Dt: 4/1/2006
MOE Reported Dt: 4/1/2006
Contaminant Name: SEWAGE,RAW UNCHLORINATED
Contaminant Quantity: Not Specified
Incident Summary: Vaughan:Pine Valley Dr north of Langstaff, sani sewer leak
Incident Cause: Unknown
Incident Reason: Unknown - Reason not determined
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
Environmental Impact: Possible

Site: **CANADIAN PACIFIC RAILWAYS
CP RAIL VAUGHAN CITY ON**

Database:
[SPL](#)

Ref No.: 212734
Incident Dt: 9/30/2001
MOE Reported Dt: 9/30/2001
Contaminant Name:
Contaminant Quantity:
Incident Summary: CP RAIL VAUGHAN, HYDRAULIC OIL TO STORM SEWER, VAUGHAN MUNICIP
Incident Cause: OTHER CONTAINER LEAK
Incident Reason: EQUIPMENT FAILURE
Nature of Impact: Water course or lake
Receiving Medium: Water
Environmental Impact: Confirmed

Site: **Huntington Road North of Kirby Road Vaughan ON**

Database:
[SPL](#)

Ref No.: 4643-8EVNBB
Incident Dt: 3/11/2011
MOE Reported Dt: 3/12/2011
Contaminant Name: GARBAGE
Contaminant Quantity: 0 other - see incident description
Incident Summary: Household Garbage at base of Humber River
Incident Cause: Intent - Intentional or planned occurrence

Incident Reason:
Nature of Impact:
Receiving Medium:
Environmental Impact: Not Anticipated

Site: Longo Brothers Fruit Market Inc.
Vaughan ON

Database:
[SPL](#)

Ref No.: 3030-8SLMV8
Incident Dt: 21-MAR-12
MOE Reported Dt: 21-MAR-12
Contaminant Name: FREON R-11 (CFC)
Contaminant Quantity:
Incident Summary: Longo's Bros-145 Kg Freon 507 to Atm.
Incident Cause: Discharge or Emission to Air
Incident Reason: Equipment Failure - Malfunction of system components
Nature of Impact: Air Pollution
Receiving Medium: Sewage - Municipal/Private and Commercial
Environmental Impact: Not Anticipated

Site: No Client<UNOFFICIAL>
Vaughan ON

Database:
[SPL](#)

Ref No.: 3314-6NBPZP
Incident Dt: 3/28/2006
MOE Reported Dt: 3/28/2006
Contaminant Name: WASTE OIL
Contaminant Quantity: 270 L
Incident Summary: Hwy 27/Rutherford: 20 L, 7 drums found in ditch, cleaning.
Incident Cause: Intent - Intentional or planned occurrence
Incident Reason: Negligence (Apparent) - Caused by lack of diligence
Nature of Impact: Groundwater Pollution; Human Health/Safety; Other Impact(s); Soil Contamination
Receiving Medium: Land & Water
Environmental Impact: Possible

Site: Anytime, Anywhere Transport<UNOFFICIAL>
between Huntington Rd and Hwy 50, North shoulder Vaughan ON

Database:
[SPL](#)

Ref No.: 1878-7MT68N
Incident Dt:
MOE Reported Dt: 12/29/2008
Contaminant Name: ASPHALT
Contaminant Quantity: 0 other - see incident description
Incident Summary: Anytime, Anywhere Transpo: granular asphalt to field
Incident Cause: Other Transport Accident
Incident Reason: Other - Reason not otherwise defined
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Possible

Site: 1 km south of Rutherford on West side of Huntington Vaughan ON

Database:
[SPL](#)

Ref No.: 5112-7BBS59
Incident Dt:
MOE Reported Dt: 1/29/2008

Contaminant Name:
Contaminant Quantity:
Incident Summary: Huntington Rd - barrels in a ditch
Incident Cause: Intent - Intentional or planned occurrence
Incident Reason: Negligence (Apparent) - Caused by lack of diligence
Nature of Impact: Soil Contamination
Receiving Medium:
Environmental Impact: Possible

Site: UNKNOWN
RUTHERFORD ROAD AT THE HUMBER RIVER AT NORTH END OF WOODBRIDGE. VAUGHAN CITY ON

Database:
[SPL](#)

Ref No.: 89410
Incident Dt: 8/5/1993
MOE Reported Dt: 8/5/1993
Contaminant Name:
Contaminant Quantity:
Incident Summary: CITY OF VAUGHAN-ICE PAINT(BLACK)RUNNOFF TO STORM SEWER,CLEANUP ONGOING.
Incident Cause: START-UPS/SHUTDOWNS/INTERRUPTIONS
Incident Reason: INTENTIONAL/PLANNED
Nature of Impact: Water course or lake
Receiving Medium: WATER
Environmental Impact: POSSIBLE

Site: VAUGHAN ON

Database:
[WWIS](#)

Well ID: 7036953
Concession: 10
County: YORK
Easting Nad83:
Zone:
Primary Water Use:
Sec. Water Use:
Pump Rate:
Flow Rate:
Specific Capacity:
Construction Method:
Elevation (m):
Depth to Bedrock:
Water Type:

Lot: 018
Concession Name:
Municipality: VAUGHAN TOWN (VAUGHAN TWP)
Northing
Nad83:
Utm Reliability:
Construction Date: 26-OCT-06
Well Depth:
Static Water Level:
Clear/Cloudy:
Final Well Status: Abandoned-Other
Flowing (y/n):
Elevation Reliability:
Overburden/Bedrock: No formation data
Casing Material: STEEL

Site: KLEINBURG ON

Database:
[WWIS](#)

Well ID: 7132012
Concession: 09
Lot: 022
Concession Name: CON

County:	YORK	Municipality:	VAUGHAN TOWN (KING)
Easting Nad83:		Nothing Nad83:	
Zone:		Utm Reliability:	unknown UTM
Primary Water Use:		Construction Date:	16-SEP-09
Sec. Water Use:		Well Depth:	90 ft
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Other Status
Construction Method:		Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedrock:	
Water Type:		Casing Material:	

--- Details ---

Thickness:	30 ft	Original Depth:	30 ft
Material Colour:	GREY	Material:	CLAY, , DENSE
+			
Thickness:	5 ft	Original Depth:	35 ft
Material Colour:	GREY	Material:	GRAVEL, SILT
+			
Thickness:	10 ft	Original Depth:	45 ft
Material Colour:	BROWN	Material:	CLAY, SILT, STONES
+			
Thickness:	45 ft	Original Depth:	90 ft
Material Colour:	GREY	Material:	CLAY, STONES
+			
Thickness:	115 ft	Original Depth:	205 ft
Material Colour:	GREY	Material:	CLAY, SILT
+			
Thickness:	9 ft	Original Depth:	214 ft
Material Colour:	GREY	Material:	GRAVEL, STONES
+			
Thickness:	15 ft	Original Depth:	229 ft
Material Colour:	GREY	Material:	CLAY, , HARD
+			
Thickness:	0 ft	Original Depth:	229 ft
Material Colour:	BLACK	Material:	SHALE

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Sept 2002* Provincial [AAGR](#)
The MAAP Program maintains a database of all abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Aggregate Inventory: Up to Aug 2012 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.

Abandoned Mine Information System: 1800-Feb 2013 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.

Anderson's Waste Disposal Sites: 1860s-Present 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.

Automobile Wrecking & Supplies: 2001-Jun 2010 Private [AUWR](#)
This database provides an inventory of all known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Borehole: 1875-Aug 2011 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.

Certificates of Approval: 1985-Oct 30, 2011* 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.

Commercial Fuel Oil Tanks: 1948-Apr 2013 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.

Chemical Register: 1992, 1999-Jun 2010 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.).

Inventory of Coal Gasification Plants and Coal Tar Sites: Apr 1987 and Nov 1988* 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.*

Compliance and Convictions: 1989-2013 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.

Certificates of Property Use: 1994-Feb 2014 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.

Drill Hole Database: 1886-Jun 2013 Provincial [DRL](#)
The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Environmental Activity and Sector Registry: Oct 31 2011-Feb 2014 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.

Environmental Registry:

1994-Feb 2014

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.

Environmental Compliance Approval:

Oct 31, 2011-Feb 2014

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 CofA's prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Environmental Effects Monitoring:

1992-2007*

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.

ERIS Historical Searches:

1999-Mar 2013

Private

[EHS](#)

EcoLog 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.

Environmental Issues Inventory System:

1992-2001*

Federal

[EIS](#)

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

List of TSSA Expired Facilities:

Current to May 2013

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.

Federal Convictions:

1988-Jun 2007*

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.

Contaminated Sites on Federal Land:

June 2000-Jan 2014

Federal

[FCS](#)

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

Fisheries & Oceans Fuel Tanks:

1964-Sept 2003

Federal

[FOFT](#)

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

Fuel Storage Tank:

2010-May 2013

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.

Fuel Storage Tank - Historic:

Pre-Jan 2010*

Provincial

[FSTH](#)

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

Ontario Regulation 347 Waste Generators Summary:

1986-Jul 2013

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.

TSSA Historic Incidents:

2006-June 2009

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.

Indian & Northern Affairs Fuel Tanks:

1950-Aug 2003*

Federal

[IAFT](#)

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

TSSA Incidents:

June 2009-Apr 2013

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.

Landfill Inventory Management Ontario:

2012

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.

Canadian Mine Locations:

1998-2009

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.

Mineral Occurrences:

1846-Apr 2013

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 planimetric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

National Analysis of Trends in Emergencies System

1974-1994*

Federal

[NATE](#)**(NATES):**

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.

Non-Compliance Reports:

1994-2012

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.

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

National Defence & Canadian Forces Spills: Mar 1999-Aug 2010 Federal [NDSP](#)
The Department of National Defence and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

National Defence & Canadian Forces Waste Disposal Sites: 2001-Apr 2007* 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.

National Environmental Emergencies System (NEES): 1974-2003* Federal [NEES](#)
In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for all previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

National PCB Inventory: 1988-2008* Federal [NPCB](#)
Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

National Pollutant Release Inventory: 1993-2011 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.

Oil and Gas Wells: 1988-2013 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.

Ontario Oil and Gas Wells: 1800-Jul 2013 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, well cap date, licence no., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Inventory of PCB Storage Sites: 1987-Oct 2004 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.

Orders: 1994-Feb 2014 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.

Canadian Pulp and Paper: 1999, 2002, 2004, 2005, 2009 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.

Parks Canada Fuel Storage Tanks: 1920-Jan 2005* Federal [PCFT](#)
Canadian Heritage maintains an inventory of all known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Pesticide Register: 1988-Jun 2013 Provincial [PES](#)
The Ontario Ministry of Environment maintains a database of all manufacturers and vendors of registered pesticides.

TSSA Pipeline Incidents: June 2009-Mar 2012 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.

Private and Retail Fuel Storage Tanks: 1989-1996* 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).

Permit to Take Water: 1994-Feb 2014 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.

Ontario Regulation 347 Waste Receivers Summary: 1986-2012 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.

Record of Site Condition: 1997-Sept 2001, Oct 2004- Provincial [RSC](#)
Feb 2014
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).

Retail Fuel Storage Tanks: 1999-Jun 2010 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.

Scott's Manufacturing Directory: 1992-Mar 2011 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.

Ontario Spills: 1988-Jun 2013 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.

Wastewater Discharger Registration Database: 1990-2011 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).

Anderson's Storage Tanks: 1915-1953* Private [TANK](#)
The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Transport Canada Fuel Storage Tanks: 1970-Mar 2007 Federal [TCFT](#)
With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

TSSA Variances for Abandonment of Underground Storage Tanks: Current to Jun 2013 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.

Waste Disposal Sites - MOE CA Inventory: 1970-Feb 2014 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.

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Up to Oct 1990* 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.

Water Well Information System: 1955-May 2013 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.

Definitions

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

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

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

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

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

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

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

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

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

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

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

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