

Victoria Square Boulevard Class
Environmental Assessment

Woodbine Avenue (north
connection) to Woodbine Avenue
(south connection)

Environmental Study Report

Appendix

I

Contamination Overview Study Report



June 1, 2018

CONTAMINATION OVERVIEW STUDY - FINAL REPORT

Victoria Square Boulevard Class EA Between North and South Connections to Woodbine Avenue, City of Markham, Ontario

Submitted to:

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Corporation of the City of Markham
198-R-15

REPORT



Report Number: 1544413

Distribution:

1 electronic copy - HDR Inc.
1 copy - Golder Associates Ltd.





CONTAMINATION OVERVIEW STUDY, VICTORIA SQUARE BOULEVARD CLASS EA BETWEEN NORTH AND SOUTH CONNECTIONS TO WOODBINE AVENUE, CITY OF MARKHAM, ONTARIO

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FIGURE

Figure 1: Site Location Plan

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CONTAMINATION OVERVIEW STUDY, VICTORIA SQUARE BOULEVARD CLASS EA BETWEEN NORTH AND SOUTH CONNECTIONS TO WOODBINE AVENUE, CITY OF MARKHAM, ONTARIO

1.0 INTRODUCTION

Golder Associates Ltd. (“Golder”) was retained by HDR Inc. (“HDR”) to provide Contaminated Property and Waste Management consulting services in support of the City of Markham’s Municipal Class Environmental Assessment for improvement to Victoria Square Boulevard. The “Study Area” includes approximately 2.7 km of Victoria Square Boulevard between the north and south connections to Woodbine Avenue in Markham, Ontario. The Study Area and limits are presented on Figure 1 following the text of this report.

Golder’s level of work consisted of a Contamination Overview Study (“COS”) for the Study Area to identify, in a preliminary fashion, potential subsurface chemical contamination issues associated with the Study Area which are obvious from a visual examination of surface features through a “windshield” level reconnaissance, or from available sources of information.

No soil, water, liquid, gas, product or chemical sampling and testing on, or in the vicinity of the Study Area was conducted as part of this assessment. This assessment included a cursory overview of the Study Area and does not constitute a complete assessment of these lands.

2.0 METHOD OF INVESTIGATION

Information reviewed and agencies contacted as part of the COS consisted of:

- LGI Copy Services Canada for City directory searches;
- Technical Standards Safety Authority (“TSSA”) Fuel and Safety Division Records;
- City of Markham;
- Region of York;
- EcoLog ERIS Reports;
- RMS Risk Management;
- Aerial photographs; and,
- Topographic and geologic mapping.

A limited “windshield reconnaissance” within the Study Area was completed on July 13, 2016 to visually corroborate the background information reviewed.

3.0 SCOPE OF WORK

3.1 Information Review

The assessment included a review of available and applicable references concerning site history and subsurface conditions, as well as a field reconnaissance. Details of the information reviewed are provided in the following sections of this report.



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3.1.1 City Directory Review

Golder retained LGI Copy Services Canada ("LGI") to carry out a city directory search for the Study Area and received a written response on March 23, 2016. LGI reviewed the Polk's Criss-Cross Directory for York Region. A copy of the full set of results is provided in Appendix A.

City directories for the Study Area are available from 1978 to 1999. The following summary table outlines the property recorded in the City directories which may have associated issues of potential environmental concern:

Table 3.1: City Directory Search Summary

Address	Occupant	Years Listed	Potential Contaminants of Concern	Comments
2929 Elgin Mills Road	Victoria Square Community Square	1999	PHC F1 to F4, VOCs, metals, inorganics	Potential fuel use and storage

According to the City directory search, one property was listed which may have issues of potential environmental concern.

3.2 TSSA Fuel and Safety Division Records

The TSSA maintains records related to registered underground storage tanks for petroleum-related products. The TSSA was contacted to establish the status of the properties within the Study Area and to identify outstanding instructions, incident reports, fuel oil spills, or contamination records. TSSA issued a written response to Golder on July 17, 2016 stating that no records were found relating to the following properties:

- 11087 Victoria Square Boulevard – Race Trac gas station;
- 10988 Victoria Square Boulevard – Equipment storage (possible fuel use);
- 10768 Victoria Square Boulevard – Possible former vehicle maintenance or industrial use;
- 3026 Elgin Mills Road East – Possible former vehicle maintenance;
- 2929 Elgin Mills Road East – Victoria Square Park Community Square;
- 10720 Victoria Square Boulevard – Victoria Square United Church;
- 160 Hazelton Avenue – Sir Wilfred Laurier Public School;
- 10137 Victoria Square Boulevard – Victoria Square Montessori School – Possible former gas station/service centre;
- 10165 Victoria Square Boulevard – possible former vehicle maintenance/storage; and,
- 10975 Victoria Square Boulevard – cluster of monitoring wells present indicating a possible fuel/contaminant spill.

These properties were chosen based on the site reconnaissance where there was the potential for underground storage tanks (i.e. evidence of vent pipes) and/or the potential for fuel tanks in relation to commercial, institutional,



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or commercial land use. The TSSA does not keep records for residential above ground storage tanks. A copy of the TSSA's response is provided in Appendix B.

3.3 City of Markham

The City of Markham (City) was contacted on July 13, 2016 and requested to conduct a review of their files for any environmental information relating to the following properties, including information on spills, complaints, filling activities, sewer by-law infringements, previous environmental reports and landfills:

- 11087 Victoria Square Boulevard – Race Trac gas station;
- 10988 Victoria Square Boulevard – Equipment storage (possible fuel use);
- 10768 Victoria Square Boulevard – Possible former vehicle maintenance or industrial use;
- 3026 Elgin Mills Road East;
- 2929 Elgin Mills Road East – Victoria Square Park Community Square;
- 10720 Victoria Square Boulevard – Victoria Square United Church;
- 160 Hazelton Avenue – Sir Wilfred Laurier Public School; and,
- 10137 Victoria Square Boulevard – Victoria Square Montessori School.

After several attempts were made to obtain a response from the City, at the time of the preparation of the report, the City had not provided a response.

3.4 Region of York

The Region of York (Region) was contacted on May 9, 2017 and requested to conduct a review of their files for any environmental information relating to the following properties, including information on spills, complaints, filling activities, sewer by-law infringements, previous environmental reports and landfills:

- 11087 Victoria Square Boulevard – Race Trac gas station;
- 10988 Victoria Square Boulevard – Equipment storage (possible fuel use);
- 10768 Victoria Square Boulevard – Possible former vehicle maintenance or industrial use;
- 3026 Elgin Mills Road East;
- 2929 Elgin Mills Road East – Victoria Square Park Community Square;
- 10720 Victoria Square Boulevard – Victoria Square United Church;
- 160 Hazelton Avenue – Sir Wilfred Laurier Public School; and,
- 10137 Victoria Square Boulevard – Victoria Square Montessori School.

The Region provided written responses for the above properties indicating that there was no information on file regarding any Sewer Use Bylaw infractions, chemical spills or dewatering activities at any of the properties. It was also confirmed that none of the above properties were located in Wellhead Protection Areas nor in significant



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recharge areas. The properties are not located within the Oak Ridges Moraine, but that they are on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. The properties are also in a Recharge Management area and are subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*, with the exception of 10137 Victoria Square Boulevard.

3.5 Opta Information Intelligence

Golder retained Opta Information Intelligence (“Opta”) to complete a search of their records, including fire insurance mapping, Property Underwriters Reports and Property Underwriters Plans, for the properties within the Study Area. No records were found. A copy of the Opta report is provided in Appendix B.

3.6 Environmental Database Review

Golder retained EcoLog Environmental Risk Information Services Ltd. (“EcoLog ERIS”) to provide a summary of databases of environmentally pertinent sites within the vicinity of the Study Area. The EcoLog ERIS report contains the results of a review of the following databases: Abandoned Aggregate Inventory, Aggregate Inventory, Abandoned Mine Information System, Anderson’s Waste Disposal Sites, Automobile Wrecking & Supplies, Borehole, Certificates of Approval, Commercial Fuel Oil Tanks, Chemical Register, Inventory of Coal Gasification Plants and Coal Tar Sites, Compliance and Convictions, Certificates of Property Use, Drill Hole Database, Environmental Activity and Sector Registry, Environmental Registry, Environmental Compliance Approval, Environmental Effects Monitoring, ERIS Historical Searches, Environmental Issues inventory System, List of TSSA Expired Facilities, Federal Convictions, Contaminated Sites on Federal Land, Fisheries & Oceans Fuel Tanks, Fuel Storage Tank, Fuel Storage Tank – Historic, Ontario Regulation 347 Waste Generators Summary, TSSA Historic Incidents, Indian & Northern Affairs Fuel Tanks, TSSA Incidents, Landfill Inventory Management Ontario, Canadian Mine Locations, Mineral Occurrences, National Analysis of Trends in Emergencies System (NATES), Non-Compliance Reports, National Defence & Canadian Forces Fuel Tanks, National Defence & Canadian Forces Spills, National Defence & Canadian Forces Waste Disposal Sites, National Environmental Emergencies System (NEES), National PCB Inventory, National Pollutant Release Inventory, Oil and Gas Wells, inventory of PCB Storage Sites, Orders, Canadian Pulp and Paper, Parks Canada Fuel Storage Tanks, Pesticide Register, TSSA Pipeline Incidents, Private and Retail Fuel Storage Tanks, Permit to Take Water, Ontario Regulation 347 Waste Receivers Summary, Record of Site Condition, Retail Fuel Storage Tanks, Scott’s Manufacturing Directory, Ontario Spills, Wastewater Discharger Registration Database, Anderson’s Storage Tanks, Transport Canada Fuel Storage Tanks, TSSA Variances for Abandonment of Underground Storage Tanks, Waste Disposal Sites – MOE CA Inventory, Waste Disposal Sites – MOE 1991 Historical Approval Inventory, Water Well Information System.

Golder received a written report from EcoLog ERIS on March 18, 2016. Table 3.2 summarizes the records that present issues of potential environmental concern to the Study Area. Pertinent results of Golder’s review of the ERIS report are provided below. Copies of the ERIS report are included in Appendix C.



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Table 3.2: Database Review Summary

Address	Database	Owner/ Tenant	Year	Issue	Contaminants of Concern
10468 Woodbine Avenue	Ontario Spills	Corporation of the Town [sic] of Markham	July 30, 2007	Raw unchlorinated sewage spilled to two catch basins due to sanitary sewer overflow. Surface water impacts were possible	Nitrates, ammonia
10077 Woodbine Avenue	Ontario Spills	Markham Hydro	1992	30 L of non-PCB transformer oil to a field due to a storm. Soil contamination was possible	PHC F1 to F4
Woodbine Avenue, 300 m north of Major Mackenzie Drive	Ontario Spills	Private Owner	1995	454 L of diesel spilled to the ditch from a transport truck due to a traffic accident. Soil and surface water contamination was possible	PHC F1 to F4, BTEX

In addition to the records listed above in Table 3.2, the Water Well Information System reported 147 water wells within, or surrounding, the Study Area used for water supply or observation purposes ranging in depth from 9.1 metres below ground surface (mbgs) to 76.2 mbgs. The reported geology at the well locations consisted generally of sand and clay layers overlying sand or gravel to maximum depths of drilling. Bedrock was not encountered at any location.

3.6.1 Aerial Photographs

Aerial photographs of the Study Area and vicinity were obtained from the National Air Photo Library for 1954 and 1978, and from York Interactive Mapping (<http://ww4.yorkmaps.ca>)™ for the years 1970, 2005 and 2014. It should be noted that due to the small scale of the aerial photographs, some structure details could not be determined. The presence and absence of noteworthy discernable information within the Study Area is summarized in Table 3.3 (refer to Figure 1 for specific address locations).



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Table 3.3: Aerial Photograph Summary

Year	Original Scale	Information Summary
1954	Unknown	The area in the vicinity of the Study Area is mostly under agricultural and residential land use. The Woodbine By-Pass has not been constructed. The village of Victoria Square is developed at the intersection of Elgin Mills Road East and Victoria Square Boulevard. A creek system can be observed to the east of the Study Area and crossing the southern portion of the Study Area, consistent with present day.
1970	Interactive	The gas station at 11087 Victoria Square Boulevard is present. A large agricultural property with several large agricultural buildings is evident southwest of the gas station. An industrial property appears to be developed at 10768 Victoria Square Boulevard. There are two large structures and several small sheds. The Victoria Square Community Centre has been developed at 2929 Elgin Mills Road East. The Victoria Square United Church cemetery is evident at 10769 Victoria Square Boulevard with large shipping containers evident to the south of the cemetery. A possible vehicle maintenance shop is located on the northeast corner of Elgin Mills Road East and Victoria Square Boulevard. The remainder of the Study Area is under agricultural or residential land use with a large agricultural building located north of the intersection of Victoria Square Boulevard and Woodbine Avenue at the southern extent of the Study Area.
1978	Interactive	Similar to the 1970 photograph.
1988	Interactive	The Village of Victoria Square has developed additional residential properties to the north and south of Elgin Mills Road, east of Victoria Square Boulevard. The Cathedral located at 10350 Victoria Square Boulevard is evident. The remainder of the Study Area is under agricultural or residential land use.
1999	Interactive	A large number of agricultural infrastructure has been demolished within the southern portion of the Study Area. The remainder of the study area appears similar to the 1988 photograph.
2005	Interactive	The area to the east of the southern portion of the Study Area has been developed for residential housing, consistent with today. The remainder of the study area appears similar to the 1999 photograph.
2009	Interactive	The Woodbine By-Pass has been constructed. Housing along the west side of the Study Area has been developed, consistent with present day. Sir Wilfrid Laurier Public School has been built at 160 Hazelton Avenue.
2012	Interactive	The Study Area appears consistent with present day, with the exception of the residential housing not present to the west of the northern portion of the Study Area.
2015	Interactive	Consistent with present day.

3.6.2 Regional Geology

According to Northern Development and Mines, 1971, the geology of the Study Area is predominately characterized by Halton till, predominantly a silt to silty clay matrix, high in matrix carbonate content and clast poor.

Bedrock underlying the Study Area consists of Ordovician aged limestone and shale of the (listed in order from youngest to oldest) Collingwood Blue Mountain and Meaford-Dundas Formations of the Simcoe Group (Ontario Ministry of Northern Department and Mines, 1991). Bedrock depth is unknown.



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3.7 Field Investigation

A visual site reconnaissance of the Study Area was conducted on July 13, 2016 in which the Study Area was visually assessed for the presence of potential sources of subsurface contamination which could impact the Study Area.

3.7.1 Existing Land Use

Land use in the vicinity of the Study Area was observed to be a mix of undeveloped, agricultural, and commercial land use, along with a cemetery and residential land use throughout. Several properties were noted to have or historically had fuel use and/or storage on-Site and vehicle or equipment maintenance.

Properties with issues of potential environmental concern are reported by address in the sections below. If subsurface work is to occur in these areas, potential impacts associated with nearby addresses should be reviewed. A complete inventory of above ground storage tanks ("ASTs") and underground storage tanks ("USTs") was not conducted as part of this scope of work given the overview nature of the assessment of the Study Area. Due to the age of the residential properties to the east of the Study Area and the former agricultural infrastructure throughout the Study Area, these properties have the potential to have formerly used fuel oil as the heating source for Site buildings. A release from an AST or UST has the potential to impact the Study Area depending on the size and location of the release.

3.8 Summary of Findings

Based on existing land use information obtained from the contamination overview study and field investigations, there are a limited number of properties which would require further environmental investigation to assess the potential presence of subsurface impacts if a land transfer or property acquisition is required. In general, properties currently or historically developed as service garages, gas stations, vehicle sales centres, auto body repair shops, manufacturing facilities, industrial properties and construction yards represent issues of potential environmental concern and impacts may be encountered during road improvements in the vicinity of these properties. Properties which require further background investigation generally include properties that appear to be vacant or newly occupied, but which had previously been developed for different uses. Any agricultural properties with active farming infrastructure (i.e., barns, sheds, livestock pens) within 50 m of the ROW have the potential for impacts associated with petroleum hydrocarbon, pesticide storage, and nutrients; however, cultivated fields would not typically have these issues.

It should be noted that there may be issues of potential environmental concern associated with properties that were not evident based on the level of assessment carried out as described in this report. Further, the issues of potential environmental concern are preliminary in nature and may not include all issues associated with the property. Additional background information is required to better characterize the potential Site specific contaminants of concern.

Due to the approximate locations of spills obtained from the Ontario Spills database, information is provided for information purposes. Possible environmental impact may be associated with any spill location. Further assessment costs, however, may be greater than ultimate clean-up costs. Further assessment may not be able to identify actual spill locations making confirmation of impacts difficult. Impact, if encountered during construction, should be managed in consultation with a qualified professional.



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4.0 SUMMARY AND DISCUSSION

Based on the preliminary information obtained to date and the windshield reconnaissance, the Study Area contains properties with issues of potential environmental concern (see Table 4.1 and Figure 1). If subsurface construction work is to be conducted in the vicinity of these properties, further intrusive investigations may be required. If impact is encountered, it should be managed in consultation with a qualified professional.

Based on the detailed design provided to Golder in January 2018, of the twelve properties described below, eight (sites 1, 2, 7, 8, 9, 10, 11, and 12) have planned subsurface construction in the vicinity of the identified issues of potential environmental concern. All properties with identified issues of potential environmental concern have been included in this report in the event that changes to the design be proposed.



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Table 4.1: Property Identification Summary

Property ID	Site Address	Occupant	Potential Contaminants/ Issues of Concern	Source	Comments	Property Level I.D.
1*	10137 Victoria Square Boulevard	Victoria Square Montessori School	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Site Reconnaissance	Possible vehicle maintenance and fuel use and storage.	2
2*	10165 Victoria Square Boulevard	Agricultural	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Site Reconnaissance	Possible vehicle maintenance and fuel use and storage. Large stack on east side of barn structure.	2
3	10350 Victoria Square Boulevard	Cathedral of the Transfiguration	BTEX, PHC F1 to F4	Aerial Photographs, Site Reconnaissance	Possible fuel use and storage.	2
4	160 Hazelton Avenue	Sir Wilfrid Laurier Public School	BTEX, PHC F1 to F4	Aerial Photographs, Site Reconnaissance	Possible fuel use and storage.	2
5	10720 Victoria Square Boulevard	Victoria Square United Church	VOCs, PHC F1 to F4	Site Reconnaissance	Possible fuel use and storage.	2
6	2929 Elgin Mills Road East	Victoria Square Park Community Centre	VOCs, PHC F1 to F4, metals, inorganics, PAHs	EcoLog ERIS Report , Aerial Photographs, Site Reconnaissance	Possible vehicle maintenance and fuel use and storage.	2
7*	Northeast corner of Victoria Square Boulevard and Elgin Mills Road East	Garage	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Aerial Photographs, Site Reconnaissance	Possible vehicle maintenance and fuel use and storage.	2
8*	10764 Victoria Square Boulevard	Garage	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Site Reconnaissance	Possible vehicle maintenance and fuel use and storage.	2
9*	10768 Victoria Square Boulevard	P&F Meat Products Ltd.	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Aerial Photographs, Site Reconnaissance	Possible former industrial and fuel use and storage.	3
10*	10975 Victoria Square Boulevard	Residential	BTEX, PHC F1 to F4	Site Reconnaissance	Possible fuel spill. Evidence of environmental investigations.	2



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Property ID	Site Address	Occupant	Potential Contaminants/ Issues of Concern	Source	Comments	Property Level I.D.
11*	10988 Victoria Square Boulevard	Construction staging	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Site Reconnaissance	Equipment storage, possible vehicle maintenance and fuel use and storage.	2
12*	11087 Victoria Square Boulevard	Race Trac Gas Station, J&S Mechanical Services	VOCs, PHC F1 to F4, metals, inorganics, PAHs	Aerial Photograph, Site Reconnaissance	Equipment storage, vehicle maintenance and fuel use and storage.	3

*Indicates required subsurface construction activities in the vicinity of the identified issues of potential environmental concern. Further investigations are required during the construction phase of the work program.



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Of the properties identified in Table 4.1, the following is a breakdown of recommended additional environmental assessment programs based on information obtained to date.

- Priority Level 1: Properties are not anticipated to have subsurface impacts (i.e., no further environmental assessments are recommended);
- Priority Level 2: Ten properties require further assessment to determine whether subsurface investigations would be warranted (i.e., a Phase I ESA is recommended); and,
- Priority Level 3: Two properties will require subsurface environmental investigation to determine whether soil and/or groundwater impacts exist at the properties.

5.0 LIMITATIONS AND USE OF REPORT

This report was prepared for the exclusive use of HDR Inc. and The City of Markham. This report is based on preliminary data only and information collected during the completion of the Contamination Overview Study within the Study Area conducted by Golder Associates Ltd. and is based solely on Site conditions encountered at the time of the Site visit, supplemented by limited historical information and geological data obtained by Golder as described in this report. This study was completed on a regional scale through a review of existing available information as noted above and a windshield level survey and did not consist of Site specific assessments. Additional issues of potential environmental concern may be identified upon completion of Site specific Phase I and Phase II Environmental Site Assessments (“ESAs”).

This report has been prepared as part of an Environmental Assessment associated with the proposed reconstruction activities in the Study Area and is not intended to be utilized as supporting documentation for a Record of Site Condition under Ontario Regulation 153/04. If a Record of Site Condition is required for the properties within the Study Area and this report is to be used as part of the supporting documentation, it must be reviewed and updated by Golder. Additional environmental Site assessment activities would be required to comply with Ontario Regulation 153/04.

We accept no responsibility for any deficiency, misstatements or inaccuracies contained in this report as a result of omission, misinterpretations or fraudulent acts of the persons contacted or contained in the information obtained as part of this work. Golder accepts no responsibility for any reduction in property value, either real or perceived, as a result of the reporting of factual information herein.

It should be noted that the results of an investigation of this nature should, in no way, be construed as a warranty that the Site is free from any and all contamination from past or current practices. This assessment was carried out using existing historical information as available from various agencies and no assurance is made regarding the accuracy or completeness of this information. No sampling of soil, groundwater, air emissions or gas was conducted.

If new information is discovered during future work, including excavations, borings or other studies, Golder Associates Ltd. should be requested to re-evaluate the conclusions presented in this report and to provide amendments as required.



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6.0 CLOSURE

We trust that this report meets your immediate requirements. The findings of this report should be re-assessed in light of any changes to the proposed construction project.



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ONTARIO**

Report Signature Page

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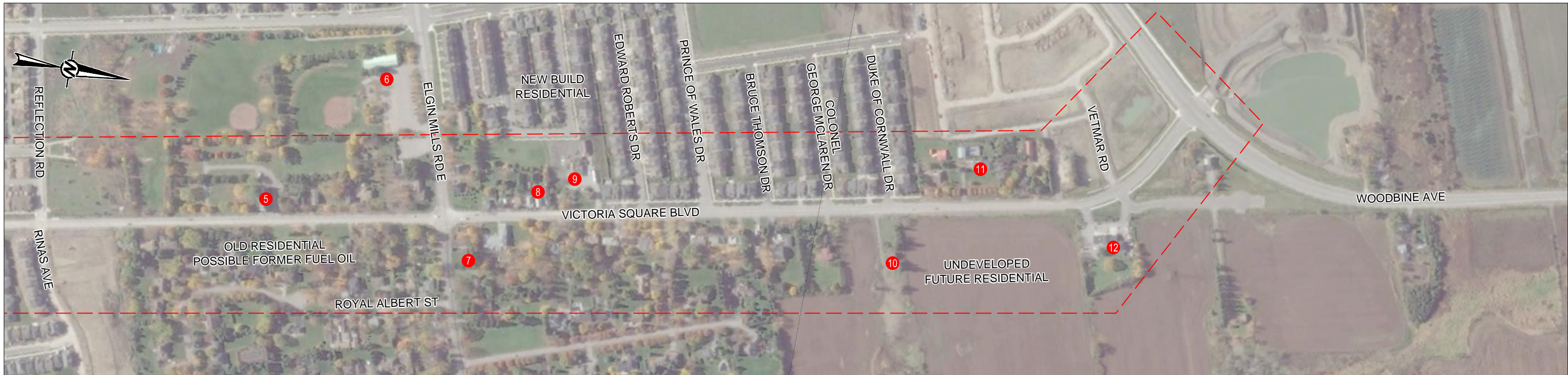
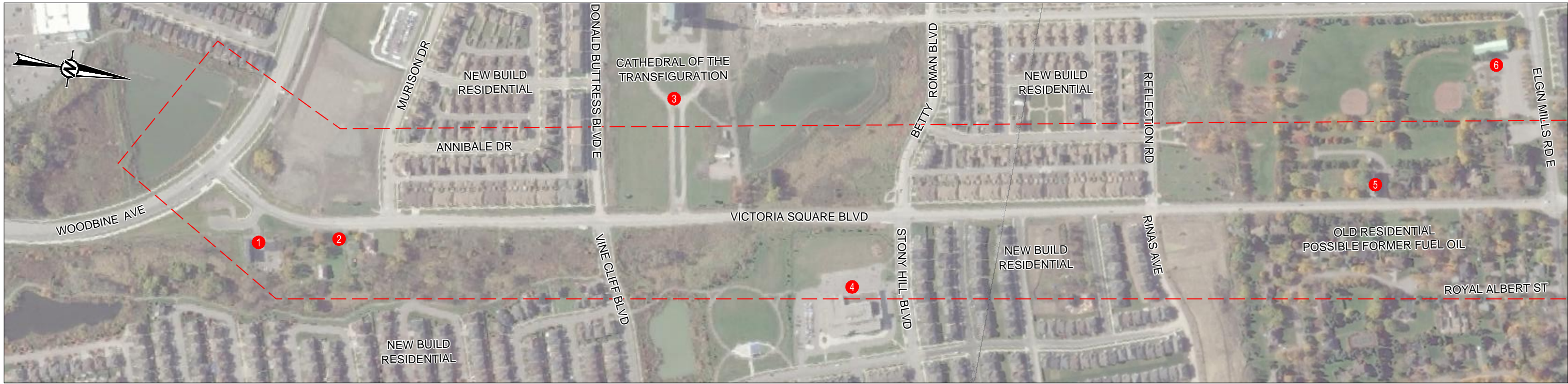
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**CONTAMINATION OVERVIEW STUDY, VICTORIA SQUARE
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CONNECTIONS TO WOODBINE AVENUE, CITY OF MARKHAM,
ONTARIO**

FIGURE



LEGEND

- STUDY AREA BOUNDARY
- 1 10137 VICTORIA SQUARE BLVD - VICTORIA SQUARE MONTESSORI SCHOOL POSSIBLE FORMER GAS STATION / SERVICE CENTRE
- 2 10165 VICTORIA SQUARE BLVD - POSSIBLE FORMER VEHICLE MAINTENANCE OR INDUSTRIAL USE
- 3 10350 VICTORIA SQUARE BLVD - CATHEDRAL OF THE TRANSFIGURATION
- 4 160 HAZELTON AVE - SIR WILFRED LAURIER PUBLIC SCHOOL
- 5 10720 VICTORIA SQUARE BLVD - VICTORIA SQUARE UNITED CHURCH
- 6 2929 ELGIN MILLS RD E - VICTORIA SQUARE PARK COMMUNITY CENTRE
- 7 3026 ELGIN MILLS RD E - POSSIBLE FORMER VEHICLE MAINTENANCE
- 8 10764 VICTORIA SQUARE BLVD - FORMER BARN POSSIBLE ANIMAL STORAGE MAINTENANCE OR INDUSTRIAL USE

- 9 10768 VICTORIA SQUARE BLVD - P&F MEAT PRODUCTS LTD. POSSIBLE FORMER VEHICLE MAINTENANCE OR INDUSTRIAL USE
- 10 10975 VICTORIA SQUARE BLVD - FORMER HOUSE MULTIPLE MONITORING WELL LOCATIONS POSSIBLE FUEL OIL
- 11 10988 VICTORIA SQUARE BLVD - J&S MECHANICAL SERVICES VEHICLE MAINTENANCE UST'S AND AST'S ON SITE
- 12 11087 VICTORIA SQUARE BLVD - RACE TRAC GAS STATION (3) UST'S

CLIENT
HDR CORPORATION

CONSULTANT



YYYY-MM-DD	2016-04-18
PREPARED	STB
DESIGN	
REVIEW	
APPROVED	



REFERENCE

DATUM IS UTM NAD 83 ZONE 17
OBM FEATURES ESRI GEOGRAPHY NETWORK
BASE IMAGERY ESRI MICROSOFT BING, 2016

PROJECT
CONTAMINATION OVERVIEW STUDY
VICTORIA SQUARE BOULEVARD, MARKHAM, ONTARIO

TITLE
AREA LOCATION MAP

PROJECT No.	Phase	Rev.	Figure
1544413	-	AA	1



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APPENDIX A

City Directory Search Results

City Directory Information Source

Polk's York Region, ON Criss-Cross

PROJECT NUMBER: 1544413	
Site Address:	Woodbine Avenue, Markham, Ontario
Year: 1999	
Site Listing:	-No Site Identified
Adjacent Properties:	
Woodbine Avenue (10040-11200)	10756,10978-Res
Victoria Square Boulevard (10040-11200)	-Street Not Listed
Zeng Cheng Drive (All)	-Street Not Listed
Woodbine Bypass (10115-10200)	-Street Not Listed
Woodbine Bypass (10950-11115)	-Street Not Listed

Winter Creek Crescent (All)	-Street Not Listed
Wintam Place (All)	-Street Not Listed
Victoria Street (All)	-All Residential
Vine Cliff Boulevard (All)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Thomas Reid Road (All)	-Street Not Listed
Stony Hill Boulevard (All)	-Street Not Listed
Silverado Hills Drive (All)	-Street Not Listed
Sequoia Drive (All)	-Street Not Listed
Royal Albert Street (All)	-Street Not Listed
River Valley Crescent (All)	-Street Not Listed
Rinas Avenue (All)	-Street Not Listed
Reflection Road (1-35)	-Street Not Listed
Princess Diana Drive (50-110)	-Street Not Listed

Prince of Wales Drive (40-100)	-Street Not Listed
Prince Regent Street (All)	-Street Not Listed
Pope John Paul II Square (All)	-Street Not Listed
Pillar Rock Crescent (All)	-Street Not Listed
Orr Farm Road (All)	-Street Not Listed
Murison Drive (1-45)	-Street Not Listed
Mortson Street (All)	-Street Not Listed
Major Mackenzie Drive East (2900-2930) (Even)	-No Listings Within Radius
Magic Avenue (All)	-Street Not Listed
Living Crescent (All)	-Street Not Listed
Livante Court (All)	-Street Not Listed
Lebarr Road (All)	-Street Not Listed
Larkmead Crescent (All)	-Street Not Listed

James Joyce Drive (All)	-Street Not Listed
Helford Street (All)	-Street Not Listed
Heathfield Avenue (25-105)	-Street Not Listed
Hazelton Avenue (60-230)	-Street Not Listed
Harry Swinger Drive (All)	-Street Not Listed
Gardon Road (All)	-Street Not Listed
Freesia Road (All)	-Street Not Listed
Elgin Mills Road East (2880-3150)	-All Residential 2929-Victoria Square Community Square
Edward Roberts Drive (All)	-Street Not Listed
Earnshaw Drive (All)	-Street Not Listed
Earl Goodyear Road (All)	-Street Not Listed
Duke of York Street (All)	-Street Not Listed
Duke of Cornwall Drive (All)	-Street Not Listed

Donald Buttress Boulevard East (All)	-Street Not Listed
Colonel George McLaren Drive (All)	-Street Not Listed
Church View Avenue (All)	-Street Not Listed
Cecil Nichols Avenue (All)	-Street Not Listed
Castleview Crescent (15-85)	-Street Not Listed
Campus Close (All)	-Street Not Listed
Bruce Thomson Drive (All)	-Street Not Listed
Boyd Court (All)	-Street Not Listed
Bonheur Road (All)	-Street Not Listed
Betty Roman Boulevard (1-60)	-Street Not Listed
Bembridge Drive (All)	-Street Not Listed
Atlas Peak Drive (All)	-Street Not Listed
Artisan Trail (All)	-Street Not Listed
Annibale Drive (All)	-Street Not Listed

PROJECT NUMBER: 1544413	
Site Address:	Woodbine Avenue, Markham, Ontario
Year: 1994	
Site Listing:	-No Site Identified
Adjacent Properties:	
Woodbine Avenue (10040-11200)	-No Listings Within Radius
Victoria Square Boulevard (10040-11200)	-Street Not Listed
Zeng Cheng Drive (All)	-Street Not Listed
Woodbine Bypass (10115-10200)	-Street Not Listed
Woodbine Bypass (10950-11115)	-Street Not Listed
Winter Creek Crescent (All)	-Street Not Listed
Wintam Place (All)	-Street Not Listed
Victoria Street (All)	-Street Not Listed
Vine Cliff Boulevard (All)	-Street Not Listed

Vetmar Road (All)	-Street Not Listed
Thomas Reid Road (All)	-Street Not Listed
Stony Hill Boulevard (All)	-Street Not Listed
Silverado Hills Drive (All)	-Street Not Listed
Sequoia Drive (All)	-Street Not Listed
Royal Albert Street (All)	-Street Not Listed
River Valley Crescent (All)	-Street Not Listed
Rinas Avenue (All)	-Street Not Listed
Reflection Road (1-35)	-Street Not Listed
Princess Diana Drive (50-110)	-Street Not Listed
Prince of Wales Drive (40-100)	-Street Not Listed
Prince Regent Street (All)	-Street Not Listed
Pope John Paul II Square (All)	-Street Not Listed
Pillar Rock Crescent (All)	-Street Not Listed

Orr Farm Road (All)	-Street Not Listed
Murison Drive (1-45)	-Street Not Listed
Mortson Street (All)	-Street Not Listed
Major Mackenzie Drive East (2900-2930) (Even)	-No Listings Within Radius
Magic Avenue (All)	-Street Not Listed
Living Crescent (All)	-Street Not Listed
Livante Court (All)	-Street Not Listed
Lebarr Road (All)	-Street Not Listed
Larkmead Crescent (All)	-Street Not Listed
James Joyce Drive (All)	-Street Not Listed
Helford Street (All)	-Street Not Listed
Heathfield Avenue (25-105)	-Street Not Listed
Hazelton Avenue (60-230)	-Street Not Listed

Harry Swingler Drive (All)	-Street Not Listed
Gardon Road (All)	-Street Not Listed
Freesia Road (All)	-Street Not Listed
Elgin Mills Road East (2880-3150)	-All Residential
Edward Roberts Drive (All)	-Street Not Listed
Earnshaw Drive (All)	-Street Not Listed
Earl Goodyear Road (All)	-Street Not Listed
Duke of York Street (All)	-Street Not Listed
Duke of Cornwall Drive (All)	-Street Not Listed
Donald Buttress Boulevard East (All)	-Street Not Listed
Colonel George McLaren Drive (All)	-Street Not Listed
Church View Avenue (All)	-Street Not Listed
Cecil Nichols Avenue (All)	-Street Not Listed
Castleview Crescent (15-85)	-Street Not Listed

Campus Close (All)	-Street Not Listed
Bruce Thomson Drive (All)	-Street Not Listed
Boyd Court (All)	-Street Not Listed
Bonheur Road (All)	-Street Not Listed
Betty Roman Boulevard (1-60)	-Street Not Listed
Bembridge Drive (All)	-Street Not Listed
Atlas Peak Drive (All)	-Street Not Listed
Artisan Trail (All)	-Street Not Listed
Annibale Drive (All)	-Street Not Listed

PROJECT NUMBER: 1544413	
Site Address:	Woodbine Avenue, Markham, Ontario
Year: 1989	
Site Listing:	-No Site Identified
Adjacent Properties:	

Woodbine Avenue (10040-11200)	-No Listings Within Radius
Victoria Square Boulevard (10040-11200)	-Street Not Listed
Zeng Cheng Drive (All)	-Street Not Listed
Woodbine Bypass (10115-10200)	-Street Not Listed
Woodbine Bypass (10950-11115)	-Street Not Listed
Winter Creek Crescent (All)	-Street Not Listed
Wintam Place (All)	-Street Not Listed
Victoria Street (All)	-Street Not Listed
Vine Cliff Boulevard (All)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Thomas Reid Road (All)	-Street Not Listed
Stony Hill Boulevard (All)	-Street Not Listed
Silverado Hills Drive (All)	-Street Not Listed

Sequoia Drive (All)	-Street Not Listed
Royal Albert Street (All)	-Street Not Listed
River Valley Crescent (All)	-Street Not Listed
Rinas Avenue (All)	-Street Not Listed
Reflection Road (1-35)	-Street Not Listed
Princess Diana Drive (50-110)	-Street Not Listed
Prince of Wales Drive (40-100)	-Street Not Listed
Prince Regent Street (All)	-Street Not Listed
Pope John Paul II Square (All)	-Street Not Listed
Pillar Rock Crescent (All)	-Street Not Listed
Orr Farm Road (All)	-Street Not Listed
Murison Drive (1-45)	-Street Not Listed
Mortson Street (All)	-Street Not Listed
Major Mackenzie Drive East (2900-2930) (Even)	-No Listings Within Radius

Magic Avenue (All)	-Street Not Listed
Living Crescent (All)	-Street Not Listed
Livante Court (All)	-Street Not Listed
Lebarr Road (All)	-Street Not Listed
Larkmead Crescent (All)	-Street Not Listed
James Joyce Drive (All)	-Street Not Listed
Helford Street (All)	-Street Not Listed
Heathfield Avenue (25-105)	-Street Not Listed
Hazelton Avenue (60-230)	-Street Not Listed
Harry Swinger Drive (All)	-Street Not Listed
Gardon Road (All)	-Street Not Listed
Freesia Road (All)	-Street Not Listed
Elgin Mills Road East (2880-3150)	-Street Not Listed

Edward Roberts Drive (All)	-Street Not Listed
Earnshaw Drive (All)	-Street Not Listed
Earl Goodyear Road (All)	-Street Not Listed
Duke of York Street (All)	-Street Not Listed
Duke of Cornwall Drive (All)	-Street Not Listed
Donald Buttress Boulevard East (All)	-Street Not Listed
Colonel George McLaren Drive (All)	-Street Not Listed
Church View Avenue (All)	-Street Not Listed
Cecil Nichols Avenue (All)	-Street Not Listed
Castleview Crescent (15-85)	-Street Not Listed
Campus Close (All)	-Street Not Listed
Bruce Thomson Drive (All)	-Street Not Listed
Boyd Court (All)	-Street Not Listed
Bonheur Road (All)	-Street Not Listed

Betty Roman Boulevard (1-60)	-Street Not Listed
Bembridge Drive (All)	-Street Not Listed
Atlas Peak Drive (All)	-Street Not Listed
Artisan Trail (All)	-Street Not Listed
Annibale Drive (All)	-Street Not Listed

PROJECT NUMBER: 1544413	
Site Address:	Woodbine Avenue, Markham, Ontario
Year: 1984	
Site Listing:	-No Site Identified
Adjacent Properties:	
Woodbine Avenue (10040-11200)	-No Listings Within Radius
Victoria Square Boulevard (10040-11200)	-Street Not Listed
Zeng Cheng Drive (All)	-Street Not Listed

Woodbine Bypass (10115-10200)	-Street Not Listed
Woodbine Bypass (10950-11115)	-Street Not Listed
Winter Creek Crescent (All)	-Street Not Listed
Wintam Place (All)	-Street Not Listed
Victoria Street (All)	-Street Not Listed
Vine Cliff Boulevard (All)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Thomas Reid Road (All)	-Street Not Listed
Stony Hill Boulevard (All)	-Street Not Listed
Silverado Hills Drive (All)	-Street Not Listed
Sequoia Drive (All)	-Street Not Listed
Royal Albert Street (All)	-Street Not Listed
River Valley Crescent (All)	-Street Not Listed
Rinas Avenue (All)	-Street Not Listed

Reflection Road (1-35)	-Street Not Listed
Princess Diana Drive (50-110)	-Street Not Listed
Prince of Wales Drive (40-100)	-Street Not Listed
Prince Regent Street (All)	-Street Not Listed
Pope John Paul II Square (All)	-Street Not Listed
Pillar Rock Crescent (All)	-Street Not Listed
Orr Farm Road (All)	-Street Not Listed
Murison Drive (1-45)	-Street Not Listed
Mortson Street (All)	-Street Not Listed
Major Mackenzie Drive East (2900-2930) (Even)	-No Listings Within Radius
Magic Avenue (All)	-Street Not Listed
Living Crescent (All)	-Street Not Listed
Livante Court (All)	-Street Not Listed

Lebarr Road (All)	-Street Not Listed
Larkmead Crescent (All)	-Street Not Listed
James Joyce Drive (All)	-Street Not Listed
Helford Street (All)	-Street Not Listed
Heathfield Avenue (25-105)	-Street Not Listed
Hazelton Avenue (60-230)	-Street Not Listed
Harry Swinger Drive (All)	-Street Not Listed
Gardon Road (All)	-Street Not Listed
Freesia Road (All)	-Street Not Listed
Elgin Mills Road East (2880-3150)	-Street Not Listed
Edward Roberts Drive (All)	-Street Not Listed
Earnshaw Drive (All)	-Street Not Listed
Earl Goodyear Road (All)	-Street Not Listed
Duke of York Street (All)	-Street Not Listed

Duke of Cornwall Drive (All)	-Street Not Listed
Donald Buttress Boulevard East (All)	-Street Not Listed
Colonel George McLaren Drive (All)	-Street Not Listed
Church View Avenue (All)	-Street Not Listed
Cecil Nichols Avenue (All)	-Street Not Listed
Castleview Crescent (15-85)	-Street Not Listed
Campus Close (All)	-Street Not Listed
Bruce Thomson Drive (All)	-Street Not Listed
Boyd Court (All)	-Street Not Listed
Bonheur Road (All)	-Street Not Listed
Betty Roman Boulevard (1-60)	-Street Not Listed
Bembridge Drive (All)	-Street Not Listed
Atlas Peak Drive (All)	-Street Not Listed

Artisan Trail (All)	-Street Not Listed
Annibale Drive (All)	-Street Not Listed

PROJECT NUMBER: 1544413	
Site Address:	Woodbine Avenue, Markham, Ontario
Year: 1978/79	
Site Listing:	-No Site Identified
Adjacent Properties:	
Woodbine Avenue (10040-11200)	-No Listings Within Radius
Victoria Square Boulevard (10040-11200)	-Street Not Listed
Zeng Cheng Drive (All)	-Street Not Listed
Woodbine Bypass (10115-10200)	-Street Not Listed
Woodbine Bypass (10950-11115)	-Street Not Listed
Winter Creek Crescent (All)	-Street Not Listed
Wintam Place (All)	-Street Not Listed

Victoria Street (All)	-Street Not Listed
Vine Cliff Boulevard (All)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Thomas Reid Road (All)	-Street Not Listed
Stony Hill Boulevard (All)	-Street Not Listed
Silverado Hills Drive (All)	-Street Not Listed
Sequoia Drive (All)	-Street Not Listed
Royal Albert Street (All)	-Street Not Listed
River Valley Crescent (All)	-Street Not Listed
Rinas Avenue (All)	-Street Not Listed
Reflection Road (1-35)	-Street Not Listed
Princess Diana Drive (50-110)	-Street Not Listed
Prince of Wales Drive (40-100)	-Street Not Listed

Prince Regent Street (All)	-Street Not Listed
Pope John Paul II Square (All)	-Street Not Listed
Pillar Rock Crescent (All)	-Street Not Listed
Orr Farm Road (All)	-Street Not Listed
Murison Drive (1-45)	-Street Not Listed
Mortson Street (All)	-Street Not Listed
Major Mackenzie Drive East (2900-2930) (Even)	-No Listings Within Radius
Magic Avenue (All)	-Street Not Listed
Living Crescent (All)	-Street Not Listed
Livante Court (All)	-Street Not Listed
Lebarr Road (All)	-Street Not Listed
Larkmead Crescent (All)	-Street Not Listed
James Joyce Drive (All)	-Street Not Listed
Helford Street (All)	-Street Not Listed

Heathfield Avenue (25-105)	-Street Not Listed
Hazelton Avenue (60-230)	-Street Not Listed
Harry Swinger Drive (All)	-Street Not Listed
Gardon Road (All)	-Street Not Listed
Freesia Road (All)	-Street Not Listed
Elgin Mills Road East (2880-3150)	-Street Not Listed
Edward Roberts Drive (All)	-Street Not Listed
Earnshaw Drive (All)	-Street Not Listed
Earl Goodyear Road (All)	-Street Not Listed
Duke of York Street (All)	-Street Not Listed
Duke of Cornwall Drive (All)	-Street Not Listed
Donald Buttress Boulevard East (All)	-Street Not Listed
Colonel George McLaren Drive (All)	-Street Not Listed

Church View Avenue (All)	-Street Not Listed
Cecil Nichols Avenue (All)	-Street Not Listed
Castleview Crescent (15-85)	-Street Not Listed
Campus Close (All)	-Street Not Listed
Bruce Thomson Drive (All)	-Street Not Listed
Boyd Court (All)	-Street Not Listed
Bonheur Road (All)	-Street Not Listed
Betty Roman Boulevard (1-60)	-Street Not Listed
Bembridge Drive (All)	-Street Not Listed
Atlas Peak Drive (All)	-Street Not Listed
Artisan Trail (All)	-Street Not Listed
Annibale Drive (All)	-Street Not Listed



**CONTAMINATION OVERVIEW STUDY, VICTORIA SQUARE
BOULEVARD CLASS EA BETWEEN NORTH AND SOUTH
CONNECTIONS TO WOODBINE AVENUE, CITY OF MARKHAM,
ONTARIO**

APPENDIX B

Regulatory Responses



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:
Anthony Remonde

Site Address:

11087 Victoria Square Boulevard Markham Ontario Canada

Project No:

1544413

Opta Order ID:

26419

Requested by:

Lena Zdanowski
Golder Associates

Date Completed:

3/24/2016 7:24:03 AM

Search Area: 11087 Victoria Square Boulevard
Markham Ontario Canada

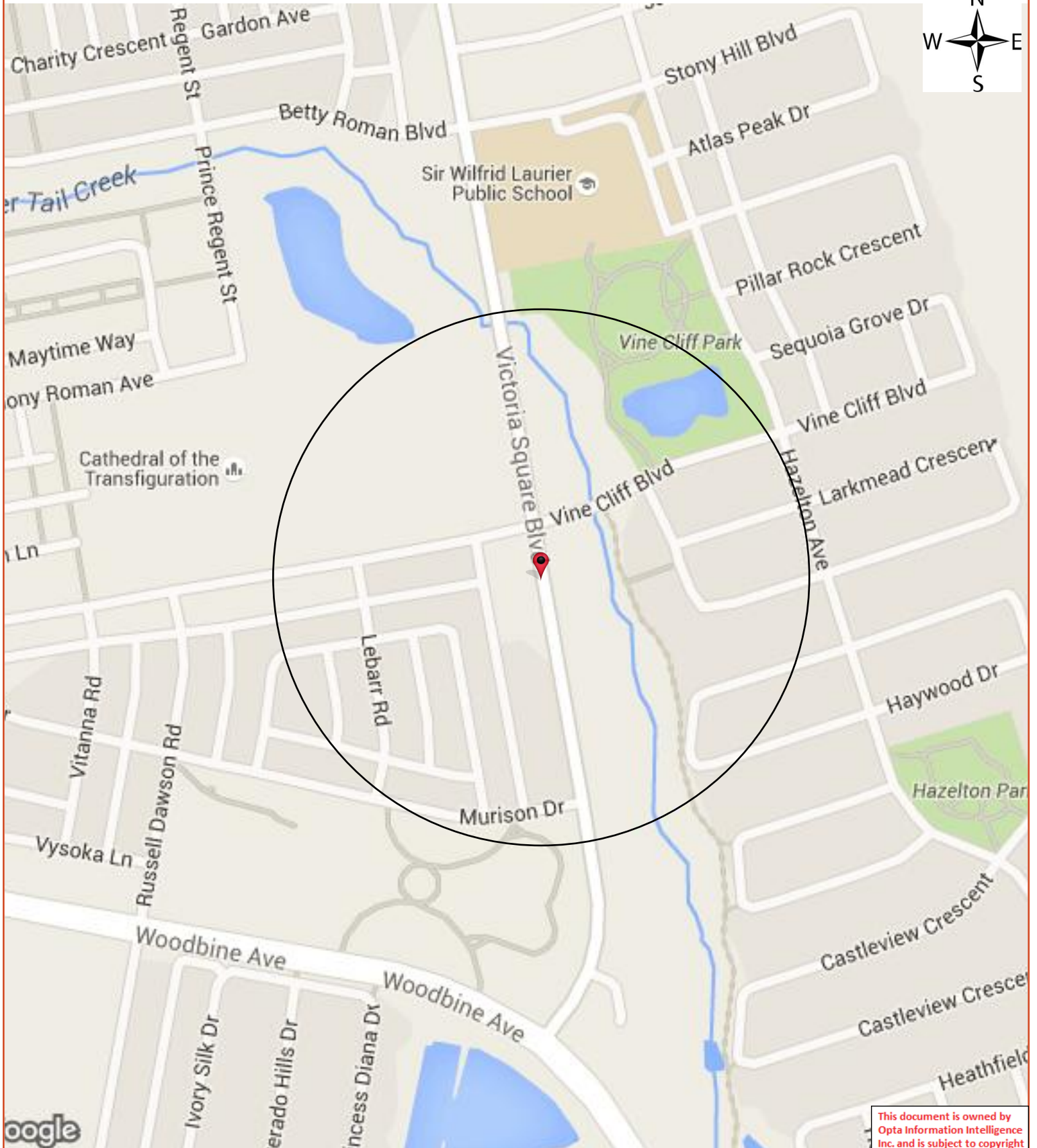
Requested by:
Lena Zdanowski

Date Completed: March 24, 2016 03:24:3



OPTA INFORMATION INTELLIGENCE

Project #: 1544413



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Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

Groves, Christi

From: Prem Lal <plal@tssa.org> on behalf of Public Information Services
<publicinformationservices@tssa.org>
Sent: Sunday, July 17, 2016 10:20 AM
To: Groves, Christi
Subject: RE: records search -1544413

Hi Christi:

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Thank you

Prem



Prem Lal | Public Information Coordinator

Facilities and Business Services
3300 Bloor Street West
Centre Tower, 16th Floor
Toronto, Ontario M8X 2X4
Tel: +1-416-734-3570 | Fax: +1-416-734-3568 | E-Mail: plal@tssa.org
www.tssa.org



From: Groves, Christi [mailto:Christi_Groves@golder.com]
Sent: Friday, July 15, 2016 9:27 AM
To: Public Information Services
Subject: records search -1544413

Hi there,

Can you search your records for the following Sites:

****The road name is Victoria Square Blvd now, but was Woodbine Avenue previously.**

- 11087 Victoria Square Boulevard;
- 10988 Victoria Square Boulevard;
- 10768 Victoria Square Boulevard;
- 3026 Elgin Mills Road East;
- 2929 Elgin Mills Road East;
- 10720 Victoria Square Boulevard;
- 160 Hazelton Avenue;

- 10137 Victoria Square Boulevard;
- 10165 Victoria Square Boulevard; and,
- 10975 Victoria Square Boulevard.

Thanks,

Christi

Christi Groves (B.Sc.(Hons)) | Environmental Scientist | **Golder Associates Ltd.**

121 Commerce Park Drive, Unit L, Barrie, Ontario, Canada L4N 8X1

T: +1 (705) 722 4492 | **D:** +1 705 722 4492 ext 6220 | **F:** +1 (705) 722 3786 | **C:** +1 (705) 718-1446 | **E:**

Christi_Groves@golder.com | www.golder.com

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Environmental Services

June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
2929 Elgin Mills Road East, Markham, ON, L6C 0H7**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property in a significant groundwater recharge area. This property is not on the Oak Ridges Moraine, but it is on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. This property is also in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7624852



June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
10137 Victoria Square Boulevard, Markham, ON, L6C 0J3**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property in a Recharge Management Area. This property is not on the Oak Ridges Moraine, and is not in a highly vulnerable aquifer area nor is it in a significant groundwater recharge area as defined by the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7624066



Environmental Services

June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
11087 Victoria Square Boulevard, Markham, ON, L6C 1H9**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area. This property is not on the Oak Ridges Moraine, nor is it on a highly vulnerable aquifer area. This property is however in a Significant Groundwater Recharge Area as designated under the *Clean Water Act (2006)*. The property is also in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Payne".

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7625132



Environmental Services

June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
10988 Victoria Square Boulevard, Markham, ON, L6C 1H9**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property on the Oak Ridges Moraine. Although not on the Oak Ridges Moraine, this property is in a significant groundwater recharge area and is on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. This property is also in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Payne".

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7625098



Environmental Services

June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
10720 Victoria Square Boulevard, Markham, ON, L6C 1H9**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property in a significant groundwater recharge area. This property is not on the Oak Ridges Moraine, but it is on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. This property is also in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Payne".

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7624916



June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
160 Hazelton Avenue, Markham, ON, L6C 3H6**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property in a significant groundwater recharge area. This property is not on the Oak Ridges Moraine, but it is on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. This property is also in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7625022



June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
3026 Elgin Mills Road East, Markham, ON, L6C 1A7**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property in a significant groundwater recharge area. This property is not on the Oak Ridges Moraine, and is not on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. This property **is** in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Payne".

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7625058



June 8, 2017

Golder Associates Ltd.
121 Commerce Park Drive, Unit L
Barrie, Ontario, L4N 8X1

Attention: Christi Groves – Senior Environmental Scientist

**Re: Phase One Environmental Site Assessment
10768 Victoria Square Boulevard, Markham, ON, L6C 0J3**

A review of files within the Environmental Monitoring and Enforcement unit has been completed for information regarding the above captioned location.

Currently we have no information on file regarding any Sewer Use Bylaw infractions, also there is no information regarding chemical spills or dewatering activities at this site.

Additionally, a review of files within the Water Resources Group showed that this property is not in a Wellhead Protection Area, nor is this property in a significant groundwater recharge area. This property is not on the Oak Ridges Moraine, and is not on a highly vulnerable aquifer area as designated under the *Clean Water Act (2006)*. This property is in a Recharge Management area and is subject to requirements outlined in the CTC Source Protection Plan under the *Clean Water Act (2006)*.

I trust that this information meets with your requirements.

Sincerely,

Mark Payne, MSc, HBSc, QPRA
Program Manager - Environmental Monitoring and Enforcement
Operations, Maintenance and Monitoring

MP/rd
7625050



**CONTAMINATION OVERVIEW STUDY, VICTORIA SQUARE
BOULEVARD CLASS EA BETWEEN NORTH AND SOUTH
CONNECTIONS TO WOODBINE AVENUE, CITY OF MARKHAM,
ONTARIO**

APPENDIX C

EcoLog ERIS Report



DATABASE REPORT

Project Property: 1544413
Woodbine Ave Elgin Mills Rd E
Markham ON

Project No:

Report Type: Quote - Custom-Build Your Own Report

Order No: 20160314242

Requested by: Golder Associates Ltd.

Date Completed: March 18, 2016

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

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Executive Summary

Property Information:

Project Property: 1544413
Woodbine Ave Elgin Mills Rd E Markham ON

Project No:

Order Information:

Order No: 20160314242
Date Requested: March 14, 2016
Requested by: Golder Associates Ltd.
Report Type: Quote - Custom-Build Your Own Report

Additional Products:

Topographic Map ANSI Map & Ontario Base Map (OBM)

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
NDSP	National Defence & Canadian Forces Spills	N	-	-	-
NDWD	National Defence & Canadian Forces Waste Disposal Sites	N	-	-	-
NEES	National Environmental Emergencies System (NEES)	N	-	-	-
NPCB	National PCB Inventory	N	-	-	-
NPRI	National Pollutant Release Inventory	N	-	-	-
OGW	Oil and Gas Wells	N	-	-	-
OOGW	Ontario Oil and Gas Wells	N	-	-	-
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	N	-	-	-
PAP	Canadian Pulp and Paper	N	-	-	-
PCFT	Parks Canada Fuel Storage Tanks	N	-	-	-
PES	Pesticide Register	N	-	-	-
PINC	TSSA Pipeline Incidents	N	-	-	-
PRT	Private and Retail Fuel Storage Tanks	N	-	-	-
PTTW	Permit to Take Water	N	-	-	-
REC	Ontario Regulation 347 Waste Receivers Summary	N	-	-	-
RSC	Record of Site Condition	N	-	-	-
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	N	-	-	-
SPL	Ontario Spills	Y	4	3	7
SRDS	Wastewater Discharger Registration Database	N	-	-	-
TANK	Anderson's Storage Tanks	N	-	-	-
TCFT	Transport Canada Fuel Storage Tanks	N	-	-	-
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	N	-	-	-
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	55	92	147
Total:			59	95	154

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	WWIS		lot 25 con 3 ON	-/0.0	0.00	<u>25</u>
<u>2</u>	WWIS		lot 25 con 4 ON	-/0.0	0.00	<u>25</u>
<u>3</u>	WWIS		lot 25 con 4 ON	-/0.0	0.00	<u>26</u>
<u>4</u>	WWIS		lot 25 con 4 VICTORIA SQUARE ON	-/0.0	0.00	<u>27</u>
<u>5</u>	WWIS		lot 25 con 4 ON	-/0.0	-0.30	<u>28</u>
<u>7</u>	WWIS		lot 25 con 3 ON	-/0.0	0.00	<u>29</u>
<u>9</u>	WWIS		lot 25 con 4 ON	-/0.0	0.00	<u>30</u>
<u>10</u>	WWIS		lot 25 con 4 ON	-/0.0	-1.11	<u>30</u>
<u>11</u>	WWIS		lot 25 con 4 ON	-/0.0	-1.62	<u>31</u>
<u>15</u>	WWIS		lot 25 con 3 ON	-/0.0	0.00	<u>32</u>
<u>16</u>	WWIS		lot 25 con 3 ON	-/0.0	0.00	<u>32</u>
<u>17</u>	WWIS		lot 25 con 4 ON	-/0.0	0.00	<u>33</u>
<u>19</u>	WWIS		lot 25 con 3 ON	-/0.0	0.00	<u>34</u>
<u>40</u>	WWIS		lot 26 con 3 ON	-/0.0	0.00	<u>34</u>
<u>45</u>	WWIS		lot 26 con 4 ON	-/0.0	0.00	<u>35</u>
<u>47</u>	WWIS		lot 26 con 3 ON	-/0.0	0.00	<u>36</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
48	WWIS		Markham ON	-/0.0	-5.27	36
49	WWIS		lot 26 con 3 ON	-/0.0	0.00	37
50	WWIS		lot 26 con 4 ON	-/0.0	0.00	38
56	WWIS		lot 26 con 4 ON	-/0.0	0.00	38
57	WWIS		lot 26 con 4 ON	-/0.0	0.00	39
64	WWIS		lot 24 con 4 MARKHAM ON	-/0.0	-7.36	39
66	WWIS		lot 26 con 4 ON	-/0.0	0.00	40
67	WWIS		lot 26 con 4 ON	-/0.0	0.00	40
69	WWIS		lot 26 con 4 ON	-/0.0	0.00	41
70	WWIS		lot 26 con 4 ON	-/0.0	0.00	41
71	WWIS		lot 24 con 3 ON	-/0.0	-8.21	42
73	WWIS		lot 26 con 4 ON	-/0.0	0.00	43
77	WWIS		lot 26 con 4 ON	-/0.0	0.00	43
78	WWIS		lot 26 con 4 ON	-/0.0	0.00	44
81	WWIS		lot 26 con 4 ON	-/0.0	0.00	45
82	WWIS		lot 24 con 4 ON	-/0.0	-11.34	46
83	SPL	The Corporation of the Town of Markham	10468 Woodbine Ave Markham ON L6C 0A4	-/0.0	-11.77	46
86	WWIS		lot 26 con 4 ON	-/0.0	0.00	47

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
87	WWIS		lot 24 con 3 VICTORIA SQUARE ON	-/0.0	-12.59	47
92	WWIS		lot 26 con 4 ON	-/0.0	0.00	48
93	SPL		10427 Woodbine Bypass Markham ON	-/0.0	-13.73	49
94	WWIS		lot 27 con 4 ON	-/0.0	0.00	49
96	WWIS		lot 27 con 4 ON	-/0.0	0.00	50
101	WWIS		lot 27 con 3 ON	-/0.0	0.00	50
103	WWIS		lot 23 con 3 MARKHAM ON	-/0.0	-15.01	51
104	WWIS		lot 27 con 4 ON	-/0.0	0.00	51
111	WWIS		ON	-/0.0	-15.02	52
112	WWIS		ON	-/0.0	0.00	52
113	WWIS		lot 27 con 3 ON	-/0.0	0.00	53
116	WWIS		ON	-/0.0	0.00	53
121	WWIS		ON	-/0.0	0.00	54
123	WWIS		ON	-/0.0	0.00	54
125	WWIS		lot 28 con 4 ON	-/0.0	0.00	54
126	WWIS		lot 21 con 4 ON	-/0.0	-16.09	55
128	WWIS		lot 22 con 4 ON	-/0.0	-17.21	56
129	WWIS		lot 22 con 4 ON	-/0.0	-17.00	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
130	WWIS		lot 28 con 4 MARKHAM ON	-/0.0	0.00	57
133	WWIS		lot 28 con 4 ON	-/0.0	0.00	58
135	WWIS		lot 21 con 4 YORK ON	-/0.0	-18.71	59
136	WWIS		lot 21 con 4 MARKHAM ON	-/0.0	-18.85	59
137	SPL	MARKHAM HYDRO	10077 WOODBINE AVENUE NORTH OF MAJOR MACKENZIE RD. TRANSFORMER	-/0.0	-19.19	60
138	SPL	TRANSPORT TRUCK	MARKHAM TOWN ON L6C 1J1 WOODBINE AVE 300 M NORTH OF MAJOR MACKENZIE MOTOR VEHICLE (OPERATING FLUID)	-/0.0	-19.67	60
139	WWIS		MARKHAM TOWN ON lot 21 con 4 ON	-/0.0	-20.23	61

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	WWIS		lot 25 con 4 VICTORIA SQUARE ON	NE/9.2	0.00	61
8	WWIS		lot 25 con 4 MARKHAM ON	NE/28.4	0.00	62
12	WWIS		lot 25 con 4 ON	SE/32.0	-0.70	63
13	WWIS		lot 25 con 4 ON	ESE/55.5	-0.35	64
14	WWIS		lot 25 con 4 VICTORIA SQUARE ON	NNE/33.3	0.00	64
18	WWIS		lot 25 con 4 ON	ENE/98.0	0.00	65
20	WWIS		lot 25 con 4 ON	NE/69.9	0.00	66
21	WWIS		lot 25 con 4 VICTORIA SQUARE ON	NNE/41.3	0.00	67
22	WWIS		lot 25 con 4 ON	ENE/121.4	0.00	68
23	WWIS		lot 25 con 4 ON	NE/105.4	0.00	69
24	WWIS		lot 25 con 4 ON	E/129.6	0.00	69
25	WWIS		VICTORIA SQUARE ON	N/7.9	0.00	70
26	WWIS		VICTORIA SQUARE ON	N/6.1	0.00	71
27	WWIS		lot 25 con 4 ON	E/153.1	0.00	71
28	WWIS		lot 25 con 4 ON	ESE/106.8	-0.99	72
29	WWIS		lot 25 con 4 ON	NE/132.4	0.00	73
30	WWIS		MARKHAM ON	SSE/17.5	-3.60	74
31	WWIS		lot 25 con 4 ON	ENE/160.6	0.00	74
32	WWIS		lot 25 con 4 ON	NNE/87.6	0.00	75
33	WWIS		lot 25 con 4 ON	ESE/126.4	-0.78	76
34	WWIS		lot 25 con 4 ON	NNE/104.9	0.00	77

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
35	WWIS		lot 25 con 3 ON	NW/104.2	0.00	78
36	WWIS		lot 25 con 4 ON	NNE/83.2	0.00	78
37	WWIS		lot 25 con 4 ON	N/26.3	0.00	79
38	WWIS		lot 25 con 4 ON	ENE/172.0	0.00	80
39	WWIS		lot 25 con 3 ON	WNW/136.1	0.00	81
41	WWIS		lot 25 con 3 ON	WNW/138.2	0.00	82
42	WWIS		lot 25 con 4 ON	NNE/73.2	0.00	82
43	WWIS		lot 26 con 3 MARKHAM ON	NNW/10.7	0.00	83
44	WWIS		lot 25 con 4 ON	NE/144.2	0.00	84
46	WWIS		lot 25 con 4 ON	NE/179.6	0.00	85
51	WWIS		lot 26 con 3 ON	NW/69.4	0.00	86
52	WWIS		lot 25 con 4 ON	NNE/135.7	0.00	87
53	WWIS		lot 26 con 4 ON	NNE/61.2	0.00	87
54	WWIS		lot 25 con 4 ON	NE/183.4	0.00	88
55	WWIS		lot 24 con 3 ON	SSW/87.4	-5.04	89
58	WWIS		lot 25 con 4 ON	NE/187.3	0.00	90
59	WWIS		MARKHAM ON	S/56.8	-5.79	91
60	WWIS		lot 26 con 4 ON	N/13.7	0.00	92
61	WWIS		lot 25 con 3 ON	WNW/237.1	0.00	93
62	WWIS		lot 24 con 3 MARKHAM ON	S/54.7	-6.62	93
63	WWIS		lot 26 con 4 MARKHAM ON	NNE/120.9	0.00	94
65	WWIS		lot 26 con 4 ON	N/60.6	0.00	94
68	WWIS		lot 24 con 3 MARKHAM ON	SSW/173.9	-7.00	95
72	WWIS		lot 24 con 4 MARKHAM ON	SSE/62.6	-7.31	96
72	WWIS		lot 24 con 4 Markham ON	SSE/62.6	-7.30	96

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
74	WWIS		lot 24 con 4 MARKHAM ON	SE/129.2	-6.73	97
75	WWIS		lot 26 con 4 ON	N/75.8	0.00	97
76	WWIS		lot 24 con 3 MARKHAM ON	SSW/180.9	-8.76	98
79	WWIS		lot 24 con 3 MARKHAM ON	S/107.6	-10.49	98
80	WWIS		lot 24 con 3 MARKHAM ON	S/44.6	-10.93	99
84	WWIS		lot 26 con 4 ON	N/4.3	0.00	99
85	WWIS		lot 26 con 4 ON	N/47.3	0.00	100
88	WWIS		lot 26 con 4 ON	N/70.7	0.00	101
89	WWIS		lot 26 con 4 ON	N/31.4	0.00	102
90	WWIS		lot 26 con 4 ON	N/11.9	0.00	103
91	WWIS		lot 26 con 4 ON	N/15.6	0.00	104
95	WWIS		Markham ON	SSW/242.1	-12.15	105
97	WWIS		lot 24 con 3 ON	S/52.1	-13.56	106
98	WWIS		Markham ON	SSW/227.8	-12.62	107
99	WWIS		ON	S/151.6	-13.82	107
100	WWIS		lot 23 con 3 MARKHAM ON	S/206.5	-13.49	108
102	WWIS		Markham ON	S/237.5	-12.97	108
105	WWIS		lot 27 con 3 ON	NNW/32.2	0.00	109
106	WWIS		ON	N/32.4	0.00	110
107	WWIS		lot 23 con 3 ON	S/66.1	-14.17	110
108	WWIS		lot 23 con 3 ON	S/46.5	-14.30	111
109	WWIS		lot 27 con 4 Markham ON	N/21.1	0.00	112
110	WWIS		ON	N/94.1	0.00	112
114	WWIS		lot 23 con 4 ON	SSE/5.3	-15.00	113
115	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/55.9	0.00	113

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
115	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/55.9	0.00	114
117	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/166.7	0.00	115
117	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/166.7	0.00	115
118	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/168.7	0.00	116
118	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/168.7	0.00	116
119	WWIS		lot 27 con 3 Markham ON	NNW/60.9	0.00	117
120	WWIS		lot 27 con 3 ON	NNW/32.9	0.00	117
122	WWIS		MARKHAM ON	S/5.6	-15.00	118
124	WWIS		lot 22 con 3 ON	S/247.3	-15.00	118
127	WWIS		lot 28 con 4 ON	N/1.1	0.00	119
131	WWIS		lot 27 con 3 VICTORIA SQUARE ON	NNW/45.9	0.00	120
132	WWIS		lot 22 con 4 ON	SSE/52.1	-19.26	120
134	WWIS		lot 22 con 4 ON	SSE/190.4	-20.16	121
140	WWIS		lot 21 con 4 ON	SSE/158.6	-20.82	122
141	WWIS		lot 21 con 4 ON	SSE/83.7	-21.78	123
142	WWIS		lot 21 con 4 ON	SSE/59.9	-22.00	124
143	WWIS		lot 21 con 4 ON	SSE/102.0	-21.97	124
144	WWIS		Markham ON	S/124.7	-21.82	124
145	WWIS		lot 26 con 4 VICTORIA SQUARE ON	NNW/245.3	0.96	125
146	WWIS		lot 26 con 4 VICTORIA SQUARE ON	NNW/248.8	1.07	125
147	WWIS		lot 21 con 3 ON	S/199.8	-21.88	126
148	SPL	BUDGET RENT A CAR	WOODBINE AVE SOUTH FROM MAJOR MACKENZIE TO 14TH AVENUE. MOTOR VEHICLE (OPERATING FLUID) MARKHAM TOWN ON	S/217.1	-23.24	12
148	SPL	UNKNOWN	MAJOR MACKENZIE AND WOODBINE MARKHAM TOWN ON	S/217.1	-23.24	12
149	SPL	SAND LEE TOPSOIL & GARDEN SUPP	S.W. CORNER OF WOODBINE & MAJOR MACKENZIE	S/231.8	-23.35	12

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
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MARKHAM TOWN ON

Executive Summary: Summary By Data Source

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2015 has found that there are 7 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the Town of Markham	10468 Woodbine Ave Markham ON L6C 0A4	0.0	<u>83</u>
	10427 Woodbine Bypass Markham ON	0.0	<u>93</u>
MARKHAM HYDRO	10077 WOODBINE AVENUE NORTH OF MAJOR MACKENZIE RD. TRANSFORMER	0.0	<u>137</u>
TRANSPORT TRUCK	MARKHAM TOWN ON L6C 1J1 WOODBINE AVE 300 M NORTH OF MAJOR MACKENZIE MOTOR VEHICLE (OPERATING FLUID)	0.0	<u>138</u>
BUDGET RENT A CAR	MARKHAM TOWN ON WOODBINE AVE SOUTH FROM MAJOR MACKENZIE TO 14TH AVENUE. MOTOR VEHICLE (OPERATING FLUID)	217.1	<u>148</u>
UNKNOWN	MARKHAM TOWN ON MAJOR MACKENZIE AND WOODBINE MARKHAM TOWN ON	217.1	<u>148</u>
SAND LEE TOPSOIL & GARDEN SUPP	S.W. CORNER OF WOODBINE & MAJOR MACKENZIE MARKHAM TOWN ON	231.8	<u>149</u>

WWIS - Water Well Information System

A search of the WWIS database, dated 1955-Mar 2014 has found that there are 147 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 3 ON	0.0	<u>1</u>
	lot 25 con 4 ON	0.0	<u>2</u>
	lot 25 con 4 ON	0.0	<u>3</u>
	lot 25 con 4 VICTORIA SQUARE ON	0.0	<u>4</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 4 ON	0.0	<u>5</u>
	lot 25 con 4 VICTORIA SQUARE ON	9.2	<u>6</u>
	lot 25 con 3 ON	0.0	<u>7</u>
	lot 25 con 4 MARKHAM ON	28.4	<u>8</u>
	lot 25 con 4 ON	0.0	<u>9</u>
	lot 25 con 4 ON	0.0	<u>10</u>
	lot 25 con 4 ON	0.0	<u>11</u>
	lot 25 con 4 ON	32.0	<u>12</u>
	lot 25 con 4 ON	55.5	<u>13</u>
	lot 25 con 4 VICTORIA SQUARE ON	33.3	<u>14</u>
	lot 25 con 3 ON	0.0	<u>15</u>
	lot 25 con 3 ON	0.0	<u>16</u>
	lot 25 con 4 ON	0.0	<u>17</u>
	lot 25 con 4 ON	98.0	<u>18</u>
	lot 25 con 3 ON	0.0	<u>19</u>
	lot 25 con 4 ON	69.9	<u>20</u>
	lot 25 con 4 VICTORIA SQUARE ON	41.3	<u>21</u>
	lot 25 con 4 ON	121.4	<u>22</u>
	lot 25 con 4 ON	105.4	<u>23</u>
	lot 25 con 4 ON	129.6	<u>24</u>
		7.9	<u>25</u>
	VICTORIA SQUARE ON		
		6.1	<u>26</u>
	VICTORIA SQUARE ON		
	lot 25 con 4 ON	153.1	<u>27</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 4 ON	106.8	<u>28</u>
	lot 25 con 4 ON	132.4	<u>29</u>
	MARKHAM ON	17.5	<u>30</u>
	lot 25 con 4 ON	160.6	<u>31</u>
	lot 25 con 4 ON	87.6	<u>32</u>
	lot 25 con 4 ON	126.4	<u>33</u>
	lot 25 con 4 ON	104.9	<u>34</u>
	lot 25 con 3 ON	104.2	<u>35</u>
	lot 25 con 4 ON	83.2	<u>36</u>
	lot 25 con 4 ON	26.3	<u>37</u>
	lot 25 con 4 ON	172.0	<u>38</u>
	lot 25 con 3 ON	136.1	<u>39</u>
	lot 26 con 3 ON	0.0	<u>40</u>
	lot 25 con 3 ON	138.2	<u>41</u>
	lot 25 con 4 ON	73.2	<u>42</u>
	lot 26 con 3 MARKHAM ON	10.7	<u>43</u>
	lot 25 con 4 ON	144.2	<u>44</u>
	lot 26 con 4 ON	0.0	<u>45</u>
	lot 25 con 4 ON	179.6	<u>46</u>
	lot 26 con 3 ON	0.0	<u>47</u>
	Markham ON	0.0	<u>48</u>
	lot 26 con 3 ON	0.0	<u>49</u>
	lot 26 con 4 ON	0.0	<u>50</u>

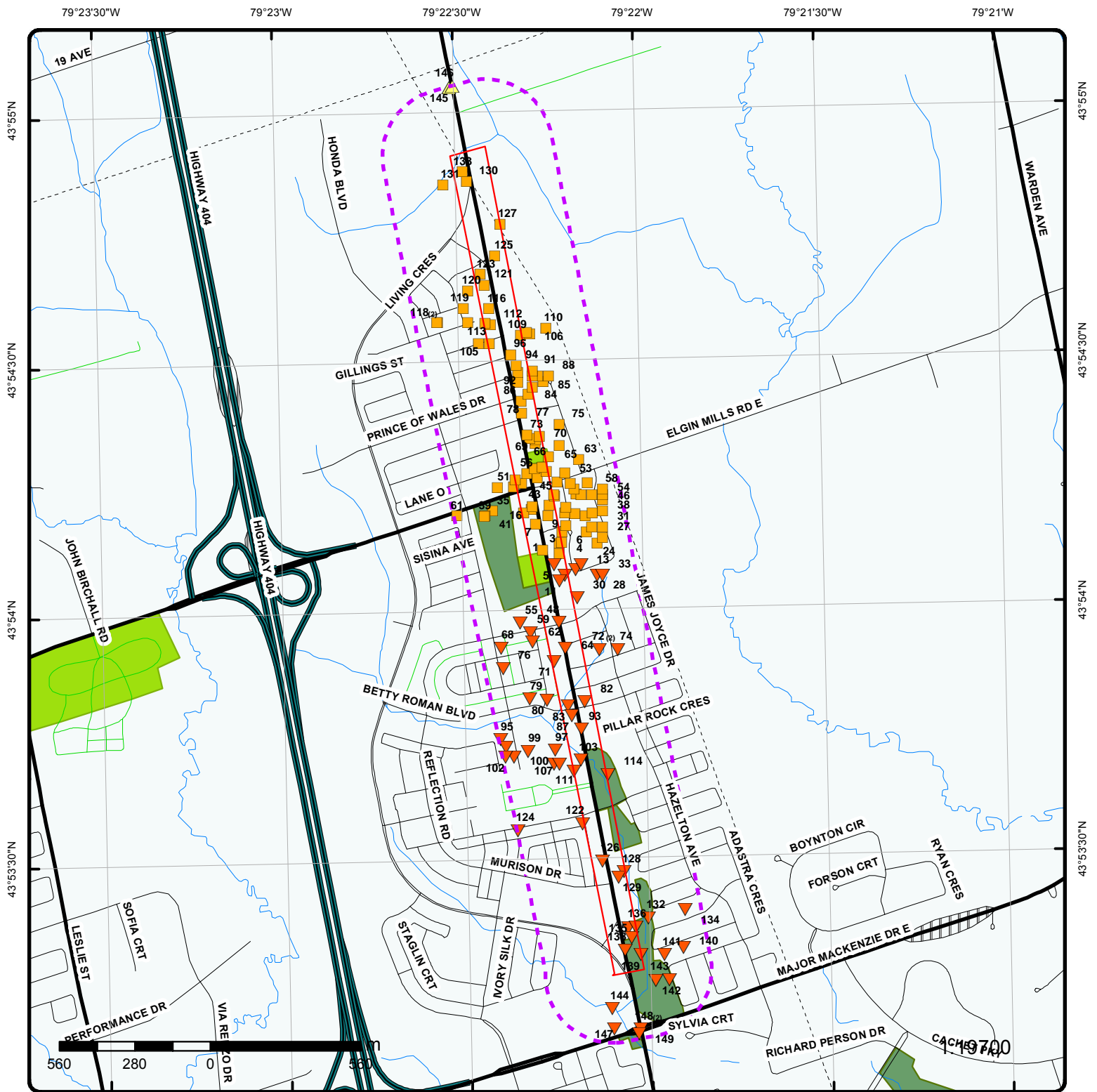
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 26 con 3 ON	69.4	<u>51</u>
	lot 25 con 4 ON	135.7	<u>52</u>
	lot 26 con 4 ON	61.2	<u>53</u>
	lot 25 con 4 ON	183.4	<u>54</u>
	lot 24 con 3 ON	87.4	<u>55</u>
	lot 26 con 4 ON	0.0	<u>56</u>
	lot 26 con 4 ON	0.0	<u>57</u>
	lot 25 con 4 ON	187.3	<u>58</u>
		56.8	<u>59</u>
	MARKHAM ON		
	lot 26 con 4 ON	13.7	<u>60</u>
	lot 25 con 3 ON	237.1	<u>61</u>
	lot 24 con 3 MARKHAM ON	54.7	<u>62</u>
	lot 26 con 4 MARKHAM ON	120.9	<u>63</u>
	lot 24 con 4 MARKHAM ON	0.0	<u>64</u>
	lot 26 con 4 ON	60.6	<u>65</u>
	lot 26 con 4 ON	0.0	<u>66</u>
	lot 26 con 4 ON	0.0	<u>67</u>
	lot 24 con 3 MARKHAM ON	173.9	<u>68</u>
	lot 26 con 4 ON	0.0	<u>69</u>
	lot 26 con 4 ON	0.0	<u>70</u>
	lot 24 con 3 ON	0.0	<u>71</u>
	lot 24 con 4 MARKHAM ON	62.6	<u>72</u>
	lot 24 con 4 Markham ON	62.6	<u>72</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 26 con 4 ON	0.0	<u>73</u>
	lot 24 con 4 MARKHAM ON	129.2	<u>74</u>
	lot 26 con 4 ON	75.8	<u>75</u>
	lot 24 con 3 MARKHAM ON	180.9	<u>76</u>
	lot 26 con 4 ON	0.0	<u>77</u>
	lot 26 con 4 ON	0.0	<u>78</u>
	lot 24 con 3 MARKHAM ON	107.6	<u>79</u>
	lot 24 con 3 MARKHAM ON	44.6	<u>80</u>
	lot 26 con 4 ON	0.0	<u>81</u>
	lot 24 con 4 ON	0.0	<u>82</u>
	lot 26 con 4 ON	4.3	<u>84</u>
	lot 26 con 4 ON	47.3	<u>85</u>
	lot 26 con 4 ON	0.0	<u>86</u>
	lot 24 con 3 VICTORIA SQUARE ON	0.0	<u>87</u>
	lot 26 con 4 ON	70.7	<u>88</u>
	lot 26 con 4 ON	31.4	<u>89</u>
	lot 26 con 4 ON	11.9	<u>90</u>
	lot 26 con 4 ON	15.6	<u>91</u>
	lot 26 con 4 ON	0.0	<u>92</u>
	lot 27 con 4 ON	0.0	<u>94</u>
	Markham ON	242.1	<u>95</u>
	lot 27 con 4 ON	0.0	<u>96</u>
	lot 24 con 3 ON	52.1	<u>97</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Markham ON	227.8	<u>98</u>
	ON	151.6	<u>99</u>
	lot 23 con 3 MARKHAM ON	206.5	<u>100</u>
	lot 27 con 3 ON	0.0	<u>101</u>
	Markham ON	237.5	<u>102</u>
	lot 23 con 3 MARKHAM ON	0.0	<u>103</u>
	lot 27 con 4 ON	0.0	<u>104</u>
	lot 27 con 3 ON	32.2	<u>105</u>
	ON	32.4	<u>106</u>
	lot 23 con 3 ON	66.1	<u>107</u>
	lot 23 con 3 ON	46.5	<u>108</u>
	lot 27 con 4 Markham ON	21.1	<u>109</u>
	ON	94.1	<u>110</u>
	ON	0.0	<u>111</u>
	ON	0.0	<u>112</u>
	lot 27 con 3 ON	0.0	<u>113</u>
	lot 23 con 4 ON	5.3	<u>114</u>
	lot 27 con 3 VICTORIA SQUARE ON	55.9	<u>115</u>
	lot 27 con 3 VICTORIA SQUARE ON	55.9	<u>115</u>
	ON	0.0	<u>116</u>
	lot 27 con 3 VICTORIA SQUARE ON	166.7	<u>117</u>
	lot 27 con 3 VICTORIA SQUARE ON	166.7	<u>117</u>
	lot 27 con 3 VICTORIA SQUARE ON	168.7	<u>118</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 27 con 3 VICTORIA SQUARE ON	168.7	<u>118</u>
	lot 27 con 3 Markham ON	60.9	<u>119</u>
	lot 27 con 3 ON	32.9	<u>120</u>
	ON	0.0	<u>121</u>
	MARKHAM ON	5.6	<u>122</u>
	ON	0.0	<u>123</u>
	lot 22 con 3 ON	247.3	<u>124</u>
	lot 28 con 4 ON	0.0	<u>125</u>
	lot 21 con 4 ON	0.0	<u>126</u>
	lot 28 con 4 ON	1.1	<u>127</u>
	lot 22 con 4 ON	0.0	<u>128</u>
	lot 22 con 4 ON	0.0	<u>129</u>
	lot 28 con 4 MARKHAM ON	0.0	<u>130</u>
	lot 27 con 3 VICTORIA SQUARE ON	45.9	<u>131</u>
	lot 22 con 4 ON	52.1	<u>132</u>
	lot 28 con 4 ON	0.0	<u>133</u>
	lot 22 con 4 ON	190.4	<u>134</u>
	lot 21 con 4 YORK ON	0.0	<u>135</u>
	lot 21 con 4 MARKHAM ON	0.0	<u>136</u>
	lot 21 con 4 ON	0.0	<u>139</u>
	lot 21 con 4 ON	158.6	<u>140</u>
	lot 21 con 4 ON	83.7	<u>141</u>
	lot 21 con 4 ON	59.9	<u>142</u>

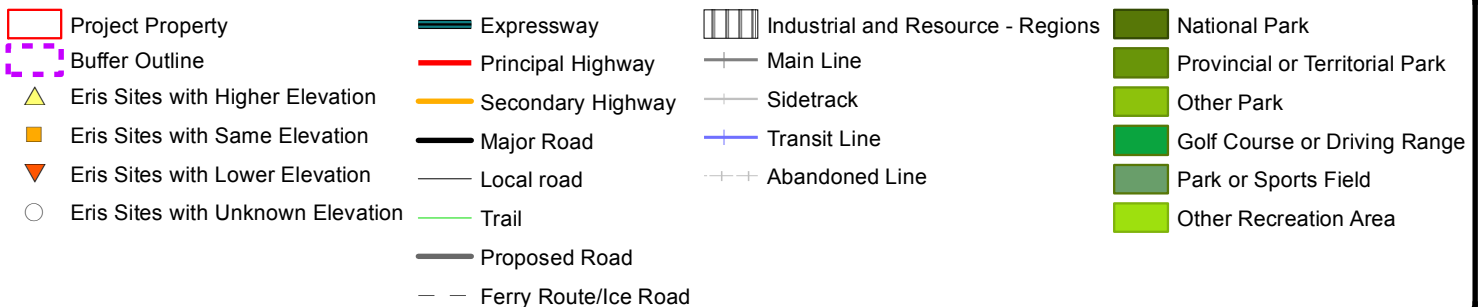
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 con 4 ON	102.0	<u>143</u>
	Markham ON	124.7	<u>144</u>
	lot 26 con 4 VICTORIA SQUARE ON	245.3	<u>145</u>
	lot 26 con 4 VICTORIA SQUARE ON	248.8	<u>146</u>
	lot 21 con 3 ON	199.8	<u>147</u>



Map

Order No: 20160314242

Address: Woodbine Ave Elgin Mills Rd E, Markham, ON



79°22'30"W

43°54'N

43°54'N



Aerial

Order No: 20160314242

Address: Woodbine Ave Elgin Mills Rd E, Markham, ON

Source: ESRI World Imagery, Updated October 2014

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
1	1 of 1	-/0.0	227.8	lot 25 con 3 ON	WWIS
Well ID: 6903201				Lot: 025	
Concession: 03				Concession Name: CON	
County: YORK				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83: 630792.7				Northing Nad83: 4862277	
Zone: 17				Utm Reliability: margin of error : 100 m - 300 m	
Primary Water Use: Public				Construction Date: 09-FEB-66	
Sec. Water Use: Domestic				Well Depth: 180 ft	
Pump Rate: 2 GPM				Static Water Level: 6 ft	
Flow Rate:				Clear/Cloudy: CLEAR	
Specific Capacity:				Final Well Status: Water Supply	
Construction Method: Cable Tool				Flowing (y/n): N	
Elevation (m): 231.59				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock: Overburden	
Water Type: FRESH				Casing Material: FRESH	
--- Details ---					
Thickness: 30 ft				Original Depth: 30 ft	
Material Colour: +				Material: PREVIOUSLY DUG	
Thickness: 38 ft				Original Depth: 68 ft	
Material Colour: BROWN				Material: MEDIUM SAND, CLAY	
Thickness: 27 ft				Original Depth: 95 ft	
Material Colour: BLUE				Material: CLAY	
Thickness: 3 ft				Original Depth: 98 ft	
Material Colour: BLACK				Material: BOULDERS	
Thickness: 32 ft				Original Depth: 130 ft	
Material Colour: BROWN				Material: CLAY	
Thickness: 20 ft				Original Depth: 150 ft	
Material Colour: BROWN				Material: CLAY, STONES	
Thickness: 28 ft				Original Depth: 178 ft	
Material Colour: BLUE				Material: CLAY, SILT	
Thickness: 2 ft				Original Depth: 180 ft	
Material Colour: BLUE				Material: CLAY	
2	1 of 1	-/0.0	227.8	lot 25 con 4	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
ON					
Well ID:	6915988			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630854.7			Northing Nad83:	4862263
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	21-OCT-81
Sec. Water Use:				Well Depth:	171 ft
Pump Rate:	35 GPM			Static Water Level:	11 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	230			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	9 ft			Original Depth:	9 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
+					
Thickness:	8 ft			Original Depth:	17 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	19 ft			Original Depth:	36 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
+					
Thickness:	5 ft			Original Depth:	41 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	106 ft			Original Depth:	147 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	4 ft			Original Depth:	151 ft
Material Colour:	GREY			Material:	SAND, STONES, SILT
+					
Thickness:	7 ft			Original Depth:	158 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	13 ft			Original Depth:	171 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN

[3](#)

1 of 1

-/0.0

227.8

lot 25 con 4
ON

WWIS

Well ID:	6915990	Lot:	025
Concession:	04	Concession Name:	CON
County:	YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630854.7	Northing Nad83:	4862303
Zone:	17	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Commerical	Construction Date:	30-JUL-81
Sec. Water Use:	Domestic	Well Depth:	180 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Rate:	45 GPM			Static Water Level:	7 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	230.26			Elevation	
Depth to Bedrock:				Reliability:	
				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
Thickness:	20 ft			Original Depth:	150 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	30 ft			Original Depth:	180 ft
Material Colour:				Material:	GRAVEL
--- Details ---					
Thickness:	30 ft			Original Depth:	30 ft
Material Colour:				Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	35 ft
Material Colour:				Material:	CLAY, STONEY
+					
Thickness:	3 ft			Original Depth:	38 ft
Material Colour:				Material:	PEA GRAVEL
+					
Thickness:	42 ft			Original Depth:	80 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	8 ft			Original Depth:	88 ft
Material Colour:				Material:	CLAY, SAND
+					
Thickness:	42 ft			Original Depth:	130 ft
Material Colour:				Material:	CLAY
+					

[4](#)

1 of 1

-/0.0

227.8

lot 25 con 4
VICTORIA SQUARE ON

WWIS

Well ID:	6930760	Lot:	025
Concession:	04	Concession Name:	
County:	YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630862	Northing Nad83:	4862306
Zone:	17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic	Construction Date:	12-SEP-06
Sec. Water Use:		Well Depth:	54.9 m
Pump Rate:	68.25 LPM	Static Water Level:	5.1 m
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)	Flowing (y/n):	
Elevation (m):	230.1	Elevation	
Depth to Bedrock:		Reliability:	
		Overburden/Bedrock:	Overburden
Water Type:		Casing Material:	FRESH

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	5.5 m			Original Depth:	5.5 m
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	24.7 m			Original Depth:	30.2 m
Material Colour:	GREY			Material:	CLAY, SILT
+					
Thickness:	.9 m			Original Depth:	31.1 m
Material Colour:	BLACK			Material:	GRAVEL
+					
Thickness:	5.5 m			Original Depth:	36.6 m
Material Colour:	BLUE			Material:	CLAY, STICKY
+					
Thickness:	9.2 m			Original Depth:	45.8 m
Material Colour:	GREY			Material:	CLAY, SILT
+					
Thickness:	6.1 m			Original Depth:	51.9 m
Material Colour:				Material:	STONES, SAND, SOFT
+					
Thickness:	3 m			Original Depth:	54.9 m
Material Colour:	GREY			Material:	CLAY
5 1 of 1 -/0.0 227.5 lot 25 con 4 ON WWIS					
Well ID:	6915541			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630834.7			Northing Nad83:	4862223
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	26-MAY-80
Sec. Water Use:				Well Depth:	170 ft
Pump Rate:	154 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	Y
Elevation (m):	230.22			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	6 ft			Original Depth:	6 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	3 ft			Original Depth:	9 ft
Material Colour:	GREY			Material:	STONES
+					
Thickness:	16 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	12 ft			Original Depth:	37 ft
Material Colour:	GREY			Material:	STONES, SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+	Thickness: 55 ft Material Colour: BLUE			Original Depth: 92 ft Material: CLAY, STONES	
+	Thickness: 34 ft Material Colour: BLUE			Original Depth: 126 ft Material: CLAY, SAND	
+	Thickness: 7 ft Material Colour: BLUE			Original Depth: 133 ft Material: CLAY, STONES	
+	Thickness: 11 ft Material Colour: BLUE			Original Depth: 144 ft Material: CLAY, SAND	
+	Thickness: 10 ft Material Colour: GREY			Original Depth: 154 ft Material: STONES, SAND, SILT	
+	Thickness: 4 ft Material Colour: GREY			Original Depth: 158 ft Material: STONES, SAND, CLEAN	
+	Thickness: 12 ft Material Colour: BLUE			Original Depth: 170 ft Material: CLAY, STONES	

7	1 of 1	-/0.0	227.8	lot 25 con 3 ON	WWIS
Well ID:	6903198			Lot:	025
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630765.7			Northing Nad83:	4862374
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	15-AUG-65
Sec. Water Use:				Well Depth:	180 ft
Pump Rate:	5 GPM			Static Water Level:	13 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	233.87			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	40 ft			Original Depth:	40 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	40 ft			Original Depth:	80 ft
Material Colour:				Material:	CLAY, GRAVEL, STONES
+					
Thickness:	96 ft			Original Depth:	176 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	2 ft			Original Depth:	178 ft
Material Colour:				Material:	MEDIUM SAND
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness: Material Colour:	2 ft			Original Depth: Material:	180 ft CLAY
9	1 of 1	-/0.0	227.8	lot 25 con 4 ON	WWIS
Well ID: Concession: County:	6903378 04 YORK			Lot: Concession Name: Municipality:	025 CON MARKHAM TOWN (MARKHAM TWP)
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m):	630812.7 17 Domestic 8 GPM Cable Tool 233.95			Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n):	4862405 margin of error : 100 m - 300 m 15-JUN-62 220 ft 3 ft CLEAR Water Supply N
Depth to Bedrock:				Elevation Reliability: Overburden/Bedrock: Casing Material:	 Overburden FRESH
Water Type:	FRESH				
--- Details ---					
Thickness: Material Colour:	31 ft BROWN			Original Depth: Material:	31 ft CLAY, MEDIUM SAND
+					
Thickness: Material Colour:	13 ft BROWN			Original Depth: Material:	44 ft MEDIUM SAND
+					
Thickness: Material Colour:	127 ft BLUE			Original Depth: Material:	171 ft HARDPAN, CLAY
+					
Thickness: Material Colour:	21 ft			Original Depth: Material:	192 ft MEDIUM SAND, GRAVEL, CLAY
+					
Thickness: Material Colour:	5 ft			Original Depth: Material:	197 ft MEDIUM SAND, GRAVEL
+					
Thickness: Material Colour:	23 ft GREY			Original Depth: Material:	220 ft CLAY
10	1 of 1	-/0.0	226.7	lot 25 con 4 ON	WWIS
Well ID: Concession: County:	6915991 04 YORK			Lot: Concession Name: Municipality:	025 CON MARKHAM TOWN (MARKHAM TWP)
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate:	630874.7 17 Domestic 45 GPM			Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level:	4862183 margin of error : 30 m - 100 m 23-JUN-81 170 ft 6 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	229.53			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				Casing Material:	FRESH
--- Details ---					
Thickness:	29 ft			Original Depth:	29 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	13 ft			Original Depth:	42 ft
Material Colour:				Material:	PEA GRAVEL
+					
Thickness:	51 ft			Original Depth:	93 ft
Material Colour:	BROWN			Material:	CLAY, HARD
+					
Thickness:	37 ft			Original Depth:	130 ft
Material Colour:	GREY			Material:	CLAY, SOFT
+					
Thickness:	14 ft			Original Depth:	144 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	7 ft			Original Depth:	151 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	19 ft			Original Depth:	170 ft
Material Colour:				Material:	GRAVEL
<hr/>					
<u>11</u>	1 of 1	-/0.0	226.2	lot 25 con 4 ON	WWIS
Well ID:	6915992			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630854.7			Northing Nad83:	4862163
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	15-JUN-81
Sec. Water Use:				Well Depth:	168 ft
Pump Rate:	45 GPM			Static Water Level:	5 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	229.75			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				Casing Material:	FRESH
--- Details ---					
Thickness:	22 ft			Original Depth:	22 ft
Material Colour:	BROWN			Material:	CLAY

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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Well ID:	6903199			Lot:	025
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630722.7			Northing Nad83:	4862414
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	14-OCT-65
Sec. Water Use:				Well Depth:	181 ft
Pump Rate:	7 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	235.02			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	45 ft			Original Depth:	45 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	51 ft			Original Depth:	96 ft
Material Colour:				Material:	GRAVEL, CLAY
+					
Thickness:	82 ft			Original Depth:	178 ft
Material Colour:				Material:	CLAY, MEDIUM SAND
+					
Thickness:	3 ft			Original Depth:	181 ft
Material Colour:				Material:	MEDIUM SAND

17	1 of 1	-/0.0	227.8	lot 25 con 4 ON	WWIS
Well ID:	6903380			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630816.7			Northing Nad83:	4862443
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	17-JUL-63
Sec. Water Use:				Well Depth:	40 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):	234.42			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	30 ft			Original Depth:	30 ft
Material Colour:				Material:	PREVIOUSLY DUG

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+ Thickness: Material Colour:	10 ft			Original Depth: Material:	40 ft GRAVEL
<hr/>					
19	1 of 1	-/0.0	227.8	lot 25 con 3 ON	WWIS
Well ID: Concession: County:	6903195 03 YORK			Lot: Concession Name: Municipality:	025 CON MARKHAM TOWN (MARKHAM TWP)
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity:	630754.7 17 Domestic Boring			Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n):	4862438 margin of error : 30 m - 100 m 27-MAR-63 47 ft 35 ft CLEAR Water Supply N
Construction Method: Elevation (m):	 235.38			Elevation Reliability: Overburden/Bedrock: Casing Material:	 Overburden SULPHUR
Depth to Bedrock:					
Water Type:	FRESH				
--- Details ---					
Thickness: Material Colour:	1 ft			Original Depth: Material:	1 ft TOPSOIL
+ Thickness: Material Colour:	11 ft			Original Depth: Material:	12 ft FINE SAND
+ Thickness: Material Colour:	8 ft			Original Depth: Material:	20 ft COARSE SAND
+ Thickness: Material Colour:	22 ft			Original Depth: Material:	42 ft FINE SAND
+ Thickness: Material Colour:	5 ft			Original Depth: Material:	47 ft GRAVEL
<hr/>					
40	1 of 1	-/0.0	227.8	lot 26 con 3 ON	WWIS
Well ID: Concession: County:	6903206 03 YORK			Lot: Concession Name: Municipality:	026 CON MARKHAM TOWN (MARKHAM TWP)
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity:	630714.7 17 Domestic 			Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status:	4862523 margin of error : 30 m - 100 m 01-NOV-63 54 ft 40 ft CLEAR Water Supply

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Construction Method:	Boring			Flowing (y/n):	N
Elevation (m):	239.06			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	44 ft			Original Depth:	45 ft
Material Colour:				Material:	FINE SAND
+					
Thickness:	5 ft			Original Depth:	50 ft
Material Colour:				Material:	COARSE SAND
+					
Thickness:	4 ft			Original Depth:	54 ft
Material Colour:				Material:	GRAVEL
45	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6903389			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630772.7			Northing Nad83:	4862545
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	21-FEB-66
Sec. Water Use:				Well Depth:	190 ft
Pump Rate:	17 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	238.62			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	6 ft			Original Depth:	6 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	54 ft			Original Depth:	60 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, GRAVEL
+					
Thickness:	80 ft			Original Depth:	140 ft
Material Colour:	GREY			Material:	CLAY, STONES
+					
Thickness:	40 ft			Original Depth:	180 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	10 ft			Original Depth:	190 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:				Material:	MEDIUM SAND
47	1 of 1	-/0.0	227.8	lot 26 con 3 ON	WWIS
Well ID:		6903202	Lot:		026
Concession:		03	Concession Name:		CON
County:		YORK	Municipality:		MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:		630689.7	Northing Nad83:		4862538
Zone:		17	Utm Reliability:		margin of error : 100 m - 300 m
Primary Water Use:		Domestic	Construction Date:		04-AUG-62
Sec. Water Use:			Well Depth:		188 ft
Pump Rate:		10 GPM	Static Water Level:		25 ft
Flow Rate:			Clear/Cloudy:		CLEAR
Specific Capacity:			Final Well Status:		Water Supply
Construction Method:		Cable Tool	Flowing (y/n):		N
Elevation (m):		239.59	Elevation Reliability:		
Depth to Bedrock:			Overburden/Bedrock:		Overburden
Water Type:		FRESH	Casing Material:		FRESH
--- Details ---					
Thickness:		2 ft	Original Depth:		2 ft
Material Colour:			Material:		TOPSOIL
+					
Thickness:		63 ft	Original Depth:		65 ft
Material Colour:		BROWN	Material:		MEDIUM SAND
+					
Thickness:		49 ft	Original Depth:		114 ft
Material Colour:		BLUE	Material:		CLAY, MEDIUM SAND
+					
Material Colour:			Material:		COARSE SAND
+					
Thickness:		68 ft	Original Depth:		184 ft
Material Colour:		BLUE	Material:		CLAY
+					
Thickness:		4 ft	Original Depth:		188 ft
Material Colour:		BLACK	Material:		COARSE SAND
Thickness:		2 ft	Original Depth:		116 ft
48	1 of 1	-/0.0	222.6	Markham ON	WWIS
Well ID:		7139023	Lot:		
Concession:			Concession Name:		
County:		YORK	Municipality:		MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:		630852	Northing Nad83:		4862007
Zone:		17	Utm Reliability:		margin of error : 100 m - 300 m
Primary Water Use:		Monitoring	Construction Date:		20-NOV-09
Sec. Water Use:			Well Depth:		9.2 m
Pump Rate:			Static Water Level:		
Flow Rate:			Clear/Cloudy:		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	Auger			Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	Observation Wells FRESH, Not stated
--- Details ---					
Thickness:	.6 m			Original Depth:	.6 m
Material Colour:				Material:	TOPSOIL, CLAY, SILTY
+					
Thickness:	3.5 m			Original Depth:	4.1 m
Material Colour:	BROWN			Material:	SILT, CLAYEY, TILL
+					
Thickness:	1.7 m			Original Depth:	5.8 m
Material Colour:	GREY			Material:	SILT, SANDY, TILL
+					
Thickness:	3.2 m			Original Depth:	9 m
Material Colour:	GREY			Material:	FINE SAND, SILTY, CLAY
+					
Thickness:	.2 m			Original Depth:	9.2 m
Material Colour:	YELLOW			Material:	CLAY, SILTY
49	1 of 1	-/0.0	227.8	lot 26 con 3 ON	WWIS
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:	6903203 03 YORK 630734.7 17 Domestic Boring 240.06 FRESH			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:	026 CON MARKHAM TOWN (MARKHAM TWP) 4862559 unknown UTM 01-SEP-64 52 ft 40 ft CLEAR Water Supply N Overburden SULPHUR
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	4 ft			Original Depth:	5 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	45 ft			Original Depth:	50 ft
Material Colour:				Material:	FINE SAND
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness: 2 ft				Original Depth: 52 ft	
Material Colour:				Material: GRAVEL	
50	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID: 6903384				Lot: 026	
Concession: 04				Concession Name: CON	
County: YORK				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83: 630806.7				Northing Nad83: 4862568	
Zone: 17				Utm Reliability: margin of error : 100 m - 300 m	
Primary Water Use: Commerical				Construction Date: 13-APR-61	
Sec. Water Use: Domestic				Well Depth: 71 ft	
Pump Rate: 8 GPM				Static Water Level: 30 ft	
Flow Rate:				Clear/Cloudy: CLOUDY	
Specific Capacity:				Final Well Status: Water Supply	
Construction Cable Tool				Flowing (y/n): N	
Method:					
Elevation (m): 238.41				Elevation	
Depth to Bedrock:				Reliability:	
				Overburden/Bedrock:	Overburden
Water Type: FRESH				Casing Material:	FRESH
--- Details ---					
Thickness: 3 ft				Original Depth: 3 ft	
Material Colour:				Material: TOPSOIL	
+					
Thickness: 63 ft				Original Depth: 66 ft	
Material Colour: BROWN				Material: CLAY, STONES	
+					
Thickness: 5 ft				Original Depth: 71 ft	
Material Colour:				Material: GRAVEL	
56	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID: 6903386				Lot: 026	
Concession: 04				Concession Name: CON	
County: YORK				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83: 630761.7				Northing Nad83: 4862580	
Zone: 17				Utm Reliability: margin of error : 100 m - 300 m	
Primary Water Use: Domestic				Construction Date: 18-JAN-63	
Sec. Water Use:				Well Depth: 48 ft	
Pump Rate:				Static Water Level: 36 ft	
Flow Rate:				Clear/Cloudy: CLEAR	
Specific Capacity:				Final Well Status: Water Supply	
Construction Boring				Flowing (y/n): N	
Method:					
Elevation (m): 240.07				Elevation	
Depth to Bedrock:				Reliability:	
				Overburden/Bedrock:	Overburden
Water Type: FRESH				Casing Material:	SULPHUR

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	39 ft			Original Depth:	40 ft
Material Colour:				Material:	FINE SAND
+					
Thickness:	8 ft			Original Depth:	48 ft
Material Colour:				Material:	GRAVEL
57	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6903385			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630789.7			Northing Nad83:	4862583
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	30-APR-62
Sec. Water Use:				Well Depth:	192 ft
Pump Rate:	6 GPM			Static Water Level:	25 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	239.44			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	35 ft			Original Depth:	35 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	30 ft			Original Depth:	65 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
+					
Thickness:	40 ft			Original Depth:	105 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	84 ft			Original Depth:	189 ft
Material Colour:	BLUE			Material:	MEDIUM SAND, STONES
+					
Thickness:	3 ft			Original Depth:	192 ft
Material Colour:				Material:	COARSE SAND
64	1 of 1	-/0.0	220.5	lot 24 con 4 MARKHAM ON	WWIS
Well ID:	6929550			Lot:	024
Concession:	04			Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:				Northing Nad83:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Zone:					
Primary Water Use:	Domestic			Utm Reliability:	
Sec. Water Use:				Construction Date:	01-NOV-05
Pump Rate:				Well Depth:	6.09 m
Flow Rate:	22.7 LPM			Static Water Level:	2.43 m
Specific Capacity:				Clear/Cloudy:	CLEAR
Construction Method:	Cable Tool			Final Well Status:	Water Supply
Elevation (m):				Flowing (y/n):	
Depth to Bedrock:					
Water Type:					
--- Details ---					
Thickness:	6.09 m			Elevation Reliability:	
Material Colour:				Overburden/Bedrock:	all layers are unknown type
				k:	
				Casing Material:	SULPHUR
				Original Depth:	6.09 m
				Material:	

66	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6923385			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630765			Northing Nad83:	4862674
Zone:	17			Utm Reliability:	margin of error : 3 - 10 m
Primary Water Use:	Not Used			Construction Date:	31-AUG-95
Sec. Water Use:				Well Depth:	40 ft
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):	240.21			Elevation Reliability:	
Depth to Bedrock:					
Water Type:					
--- Details ---					
Thickness:	40 ft			Original Depth:	40 ft
Material Colour:				Material:	UNKNOWN TYPE

67	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6912951			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630766.7			Northing Nad83:	4862686
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	27-OCT-75
Sec. Water Use:				Well Depth:	185 ft
Pump Rate:	50 GPM			Static Water Level:	10 ft
Flow Rate:				Clear/Cloudy:	CLEAR

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	240.18			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	Not stated			k:	
				Casing Material:	FRESH
--- Details ---					
Thickness:	12 ft			Original Depth:	12 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	30 ft			Original Depth:	42 ft
Material Colour:	BROWN			Material:	GRAVEL, SAND
+					
Thickness:	133 ft			Original Depth:	175 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	10 ft			Original Depth:	185 ft
Material Colour:				Material:	COARSE SAND

69	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6923384			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630744			Northing Nad83:	4862691
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Not Used			Construction Date:	18-AUG-95
Sec. Water Use:				Well Depth:	
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):	240.41			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:				k:	
				Casing Material:	

70	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6903383			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630779.7			Northing Nad83:	4862700
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	10-APR-57
Sec. Water Use:				Well Depth:	201 ft
Pump Rate:	15 GPM			Static Water Level:	25 ft

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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+ Thickness: Material Colour:	10 ft BLUE			Original Depth: Material:	160 ft GRAVEL
<hr/>					
<u>73</u>	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID: Concession: County:	6914327 04 YORK			Lot: Concession Name: Municipality:	026 CON MARKHAM TOWN (MARKHAM TWP)
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m):	630734.7 17 Domestic 30 GPM Cable Tool 240.5			Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n):	4862703 margin of error : 30 m - 100 m 12-JUL-77 198 ft 40 ft CLEAR Water Supply N
Depth to Bedrock:				Elevation Reliability: Overburden/Bedrock: Casing Material:	 Overburden FRESH
Water Type:	FRESH				
--- Details ---					
Thickness: Material Colour:	1 ft BROWN			Original Depth: Material:	1 ft TOPSOIL
+ Thickness: Material Colour:	59 ft BROWN			Original Depth: Material:	60 ft SAND, CLAY
+ Thickness: Material Colour:	135 ft BLUE			Original Depth: Material:	195 ft CLAY, HARD
+ Thickness: Material Colour:	3 ft BLACK			Original Depth: Material:	198 ft COARSE SAND
<hr/>					
<u>77</u>	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID: Concession: County:	6915994 04 YORK			Lot: Concession Name: Municipality:	026 CON MARKHAM TOWN (MARKHAM TWP)
Easting Nad83: Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m):	630714.7 17 Domestic 15 GPM Rotary (Convent.) 240.61			Northing Nad83: Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n):	4862783 margin of error : 30 m - 100 m 01-OCT-81 211 ft 40 ft CLEAR Water Supply N
				Elevation	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	Overburden
FRESH				Casing Material:	FRESH
--- Details ---					
Thickness:	3 ft			Original Depth:	3 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	17 ft			Original Depth:	20 ft
Material Colour:				Material:	CLAY, SAND
+					
Thickness:	18 ft			Original Depth:	38 ft
Material Colour:				Material:	GRAVEL
+					
Thickness:	47 ft			Original Depth:	85 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	12 ft			Original Depth:	97 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	7 ft			Original Depth:	104 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	16 ft			Original Depth:	120 ft
Material Colour:				Material:	CLAY, SOFT
+					
Thickness:	40 ft			Original Depth:	160 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	25 ft			Original Depth:	185 ft
Material Colour:				Material:	CLAY, HARD
+					
Thickness:	3 ft			Original Depth:	188 ft
Material Colour:				Material:	SAND
+					
Thickness:	2 ft			Original Depth:	190 ft
Material Colour:				Material:	CLAY
+					
Thickness:	21 ft			Original Depth:	211 ft
Material Colour:				Material:	SAND

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1 of 1

-0.0

227.8

lot 26 con 4
ON

WWIS

Well ID: 6925198
Concession: 04
County: YORK

Easting Nad83: 630713
Zone: 17
Primary Water Use: Domestic
Sec. Water Use:
Pump Rate: 7 GPM
Flow Rate:
Specific Capacity:
Construction Cable Tool

Lot: 026
Concession Name: CON
Municipality: MARKHAM TOWN (MARKHAM TWP)
Northing Nad83: 4862830
Utm Reliability: margin of error : 30 m - 100 m
Construction Date: 17-DEC-99
Well Depth: 189 ft
Static Water Level: 58 ft
Clear/Cloudy: CLEAR
Final Well Status: Water Supply
Flowing (y/n): N

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Method:				Elevation	
Elevation (m):	240.46			Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			k:	
				Casing Material:	FRESH
--- Details ---					
Thickness:	28 ft			Original Depth:	28 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
+					
Thickness:	4 ft			Original Depth:	32 ft
Material Colour:	GREY			Material:	CLAY, SILT
+					
Thickness:	31 ft			Original Depth:	63 ft
Material Colour:	GREY			Material:	CLAY, HARD
+					
Thickness:	24 ft			Original Depth:	87 ft
Material Colour:	GREY			Material:	CLAY, STONES
+					
Thickness:	56 ft			Original Depth:	143 ft
Material Colour:	GREY			Material:	CLAY, HARD
+					
Thickness:	43 ft			Original Depth:	186 ft
Material Colour:	GREY			Material:	CLAY, SOFT
+					
Thickness:	3 ft			Original Depth:	189 ft
Material Colour:	GREY			Material:	MEDIUM SAND
<hr/>					
81	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6903388			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630738.7			Northing Nad83:	4862857
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	14-APR-64
Sec. Water Use:				Well Depth:	190 ft
Pump Rate:	5 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	240.04			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				k:	
				Casing Material:	FRESH
--- Details ---					
Thickness:	40 ft			Original Depth:	40 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	20 ft			Original Depth:	60 ft
Material Colour:	BROWN			Material:	MEDIUM SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+	Thickness: 80 ft			Original Depth: 140 ft	
	Material Colour: BLUE			Material: CLAY	
+	Thickness: 25 ft			Original Depth: 165 ft	
	Material Colour:			Material: HARDPAN	
+	Thickness: 21 ft			Original Depth: 186 ft	
	Material Colour: BLUE			Material: CLAY	
+	Thickness: 4 ft			Original Depth: 190 ft	
	Material Colour: BLACK			Material: GRAVEL	
<hr/>					
82	1 of 1	-/0.0	216.5	lot 24 con 4 ON	WWIS
<hr/>					
Well ID:	6930290			Lot:	024
Concession:	04			Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630948.3			Northing Nad83:	4861716
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	11-MAY-06
Sec. Water Use:				Well Depth:	9 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction Method:	Other Method			Flowing (y/n):	
Elevation (m):	221.19			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			k:	
				Casing Material:	Not stated
--- Details ---					
Thickness:	9 m			Original Depth:	9 m
Material Colour:	BROWN			Material:	SILT, SANDY, TILL
<hr/>					
83	1 of 1	-/0.0	216.1	The Corporation of the Town of Markham 10468 Woodbine Ave Markham ON L6C 0A4	SPL
<hr/>					
Ref NO:	0724-75M5QG				
Contaminant Code:	44				
Contaminant Name:	SEWAGE,RAW UNCHLORINATED				
Contaminant Quantity:	0 other - see incident description				
Incident Cause:	Overflow (Tanks Lagoons)				
Incident Dt:					
Incident Reason:	Unknown - Reason not determined				
Incident Summary:	Woodbine Ave. - sanitary sewer overflow to 2 c.b.'s				
MOE Reported Dt:	7/30/2007				
Environmental Impact:	Possible				
Nature of Impact:	Surface Water Pollution				
Receiving Medium:	Water				
SAC Action Class:					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Sector Source Type: Site Municipality:		Transport Truck Chatham-Kent			
86	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6924905			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630701			Northing Nad83:	4862900
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	07-MAY-99
Sec. Water Use:				Well Depth:	188 ft
Pump Rate:	10 GPM			Static Water Level:	28 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	240.17			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	6 ft			Original Depth:	6 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	25 ft			Original Depth:	31 ft
Material Colour:	BROWN			Material:	SAND, SILT
+					
Thickness:	26 ft			Original Depth:	57 ft
Material Colour:	GREY			Material:	CLAY, HARD
+					
Thickness:	19 ft			Original Depth:	76 ft
Material Colour:	GREY			Material:	CLAY, STONES
+					
Thickness:	4 ft			Original Depth:	80 ft
Material Colour:	GREY			Material:	SAND, SILT, MEDIUM SAND
+					
Thickness:	3 ft			Original Depth:	83 ft
Material Colour:	GREY			Material:	CLAY
+					
Thickness:	65 ft			Original Depth:	148 ft
Material Colour:	GREY			Material:	CLAY, SAND
+					
Thickness:	40 ft			Original Depth:	188 ft
Material Colour:	GREY			Material:	SAND, MUCK

87	1 of 1	-/0.0	215.2	lot 24 con 3 VICTORIA SQUARE ON	WWIS
Well ID:	7210190			Lot:	024
Concession:	03			Concession Name:	CON

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630901			Northing Nad83:	4861662
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Test Hole			Construction Date:	12-SEP-13
Sec. Water Use:				Well Depth:	250 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Supply
Construction Method:	Rotary (Air)			Flowing (y/n):	
Elevation (m):				Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	
--- Details ---				k:	
Thickness:	250 ft			Casing Material:	
Material Colour:	GREEN			Original Depth:	250 ft
				Material:	CLAY, SILT, DENSE
92	1 of 1	-/0.0	227.8	lot 26 con 4 ON	WWIS
Well ID:	6903387			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630699.7			Northing Nad83:	4862937
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	25-APR-63
Sec. Water Use:				Well Depth:	78 ft
Pump Rate:	7 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):	239.69			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				k:	
Thickness:	2 ft			Casing Material:	FRESH
Material Colour:				Original Depth:	2 ft
+				Material:	TOPSOIL
Thickness:	33 ft			Original Depth:	35 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
+				Original Depth:	75 ft
Thickness:	40 ft			Material:	CLAY, MEDIUM SAND
Material Colour:	BLUE				
+				Original Depth:	78 ft
Thickness:	3 ft			Material:	GRAVEL
Material Colour:					

94	1 of 1	-/0.0	227.8	lot 27 con 4 ON	WWIS
Well ID:	6915985	Lot:	027		
Concession:	04	Concession Name:	CON		
County:	YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)		
Easting Nad83:	630694.7	Northing Nad83:	4862963		
Zone:	17	Utm Reliability:	margin of error : 30 m - 100 m		
Primary Water Use:	Domestic	Construction Date:	27-NOV-81		
Sec. Water Use:		Well Depth:	215 ft		
Pump Rate:	45 GPM	Static Water Level:	20 ft		
Flow Rate:		Clear/Cloudy:	CLEAR		
Specific Capacity:		Final Well Status:	Water Supply		
Construction Method:	Rotary (Convent.)	Flowing (y/n):	N		
Elevation (m):	239.53	Elevation Reliability:			
Depth to Bedrock:		Overburden/Bedrock:	Overburden		
Water Type:	FRESH	Casing Material:	FRESH		
--- Details ---		Original Depth:	17 ft		
Thickness:	17 ft	Material:	CLAY, SANDY		
Material Colour:	BROWN				
+		Original Depth:	35 ft		
Thickness:	18 ft	Material:	SAND, STONES		
Material Colour:	BROWN				
+		Original Depth:	190 ft		
Thickness:	155 ft	Material:	CLAY, SANDY, STONEY		
Material Colour:	BLUE				
+		Original Depth:	192 ft		
Thickness:	2 ft	Material:	CLAY, SILT		
Material Colour:	BLUE				
+		Original Depth:	215 ft		
Thickness:	23 ft	Material:	SAND, STONES		
Material Colour:	GREY				

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
96	1 of 1	-/0.0	227.8	lot 27 con 4 ON	WWIS
Well ID:	6915652			Lot:	027
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630674.7			Northing Nad83:	4863003
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	23-DEC-80
Sec. Water Use:				Well Depth:	173 ft
Pump Rate:	9 GPM			Static Water Level:	27 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	239.74			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	3 ft			Original Depth:	3 ft
Material Colour:	BROWN			Material:	SAND, FILL
+					
Thickness:	15 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	CLAY, DENSE
+					
Thickness:	21 ft			Original Depth:	39 ft
Material Colour:	GREY			Material:	CLAY, STONES, HARD
+					
Thickness:	6 ft			Original Depth:	45 ft
Material Colour:	GREY			Material:	GRAVEL, SILT, CEMENTED
+					
Thickness:	67 ft			Original Depth:	112 ft
Material Colour:	GREY			Material:	CLAY, STONES, HARD
+					
Thickness:	56 ft			Original Depth:	168 ft
Material Colour:	BLUE			Material:	CLAY, DENSE
+					
Thickness:	5 ft			Original Depth:	173 ft
Material Colour:	GREY			Material:	SAND, GRAVEL, POROUS

101	1 of 1	-/0.0	227.8	lot 27 con 3 ON	WWIS
Well ID:	6908902			Lot:	027
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630594.7			Northing Nad83:	4863043
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	02-JUL-68
Sec. Water Use:				Well Depth:	29 ft
Pump Rate:				Static Water Level:	19 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Flow Rate: Specific Capacity: Construction Method: Elevation (m):	Boring 241.76			Clear/Cloudy: Final Well Status: Flowing (y/n):	CLEAR Water Supply N
Depth to Bedrock:				Elevation Reliability: Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	9 ft			Original Depth:	10 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	10 ft			Original Depth:	20 ft
Material Colour:				Material:	FINE SAND
+					
Thickness:	4 ft			Original Depth:	24 ft
Material Colour:				Material:	COARSE SAND
+					
Thickness:	5 ft			Original Depth:	29 ft
Material Colour:				Material:	FINE SAND

103	1 of 1	-/0.0	212.8	lot 23 con 3 MARKHAM ON	WWIS
Well ID:	6928468			Lot:	023
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630935			Northing Nad83:	4861497
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	11-AUG-04
Sec. Water Use:				Well Depth:	36.6 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	215.44			Elevation Reliability: Overburden/Bedrock:	
Depth to Bedrock:				k:	all layers are unknown type
Water Type:				Casing Material:	FRESH
--- Details ---					
Thickness:	36.6 m			Original Depth:	36.6 m
Material Colour:				Material:	

104	1 of 1	-/0.0	227.8	lot 27 con 4 ON	WWIS
Well ID:	7193029			Lot:	027
Concession:	04			Concession Name:	CON

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630710			Northing Nad83:	4863075
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Not Used			Construction Date:	14-SEP-12
Sec. Water Use:				Well Depth:	3 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Digging			Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:	Untested			k:	
--- Details ---				Casing Material:	
Thickness:	3 m			Original Depth:	3 m
Material Colour:	GREY			Material:	OTHER

111	1 of 1	-0.0	212.8	ON	WWIS
Well ID:	7202273			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630909			Northing Nad83:	4861457
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	30-APR-13
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:				k:	
				Casing Material:	

112	1 of 1	-0.0	227.8	ON	WWIS
Well ID:	7206368			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630598			Northing Nad83:	4863114
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	24-JUN-13
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:			Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: k: Casing Material:		
113	1 of 1	-/0.0	227.8	lot 27 con 3 ON	WWIS
Well ID: 6924908 Concession: 03 County: YORK Easting Nad83: 630579 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 25 GPM Flow Rate: Specific Capacity: Construction Cable Tool Method: Elevation (m): 242.13 Depth to Bedrock: Water Type: FRESH --- Details --- Thickness: 10 ft Material Colour: + Thickness: 20 ft Material Colour: BROWN			Lot: 027 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) Northing Nad83: 4863118 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 15-JUN-99 Well Depth: 30 ft Static Water Level: 21 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock Overburden k: Casing Material: SULPHUR Original Depth: 10 ft Material: SAND, CEMENTED Original Depth: 30 ft Material: SAND		
116	1 of 1	-/0.0	227.8	ON	WWIS
Well ID: 7206333 Concession: County: YORK Easting Nad83: 630593 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m):			Lot: Concession Name: Municipality: MARKHAM TOWN (MARKHAM TWP) Northing Nad83: 4863172 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 24-JUN-13 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability:		

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	
121	1 of 1	-/0.0	227.8	ON	WWIS
Well ID:	7212612			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630576			Northing Nad83:	4863261
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	13-SEP-13
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:	
123	1 of 1	-/0.0	227.8	ON	WWIS
Well ID:	7206334			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630560			Northing Nad83:	4863300
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	21-JUN-13
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:	
125	1 of 1	-/0.0	227.8	lot 28 con 4 ON	WWIS
Well ID:	6924904			Lot:	028
Concession:	04			Concession Name:	CON

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630615			Northing Nad83:	4863369
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	14-JUN-99
Sec. Water Use:				Well Depth:	82 ft
Pump Rate:	30 GPM			Static Water Level:	2 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	238.03			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	10 ft			Original Depth:	12 ft
Material Colour:	BROWN			Material:	CLAY, SAND, STONES
+					
Thickness:	63 ft			Original Depth:	75 ft
Material Colour:	GREY			Material:	CLAY, STONES, HARD
+					
Thickness:	7 ft			Original Depth:	82 ft
Material Colour:	GREY			Material:	SAND, GRAVEL, COARSE GRAVEL

126	1 of 1	-/0.0	211.7	lot 21 con 4 ON	WWIS
Well ID:	6915844			Lot:	021
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4861123
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	22-APR-81
Sec. Water Use:				Well Depth:	161 ft
Pump Rate:	10 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	213.55			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	14 ft			Original Depth:	14 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	4 ft			Original Depth:	18 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	45 ft			Original Depth:	63 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	18 ft			Original Depth:	81 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	11 ft			Original Depth:	92 ft
Material Colour:	BLUE			Material:	CLAY, STONES, DRY
+					
Thickness:	12 ft			Original Depth:	104 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	49 ft			Original Depth:	153 ft
Material Colour:	BLUE			Material:	CLAY, STONES, SILT
+					
Thickness:	8 ft			Original Depth:	161 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
128	1 of 1	-/0.0	210.6	lot 22 con 4 ON	WWIS
Well ID:	6917399			Lot:	022
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631094.7			Northing Nad83:	4861083
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	29-JUL-84
Sec. Water Use:				Well Depth:	216 ft
Pump Rate:	4 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):	209.77			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	27 ft			Original Depth:	28 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	91 ft			Original Depth:	119 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	7 ft			Original Depth:	126 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	87 ft			Original Depth:	213 ft
Material Colour:	BLUE			Material:	CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div>+</div> <div> Thickness: 3 ft Material Colour: BLUE </div> </div> <div> Original Depth: 216 ft Material: FINE SAND </div>					
129	1 of 1	-/0.0	210.8	lot 22 con 4 ON	WWIS
<div> <div> Well ID: 6913440 Concession: 04 County: YORK </div> <div> Lot: 022 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) </div> </div> <div> <div> Easting Nad83: 631074.7 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 15 GPM Flow Rate: 1 GPM Specific Capacity: Construction Method: Cable Tool Elevation (m): 210.35 </div> <div> Northing Nad83: 4861063 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 17-AUG-76 Well Depth: 124 ft Static Water Level: 0 ft Clear/Cloudy: CLOUDY Final Well Status: Water Supply Flowing (y/n): Y </div> </div> <div> Depth to Bedrock: Elevation Reliability: Overburden/Bedrock: Overburden Casing Material: FRESH </div> <div> Water Type: FRESH </div> <div> <div>--- Details ---</div> <div> <div> Thickness: 2 ft Material Colour: </div> <div> <div>+</div> <div> Thickness: 13 ft Material Colour: BROWN </div> </div> <div> <div>+</div> <div> Thickness: 10 ft Material Colour: BLUE </div> </div> <div> <div>+</div> <div> Thickness: 97 ft Material Colour: BLUE </div> </div> <div> <div>+</div> <div> Thickness: 2 ft Material Colour: </div> </div> </div> <div> <div> Original Depth: 2 ft Material: TOPSOIL </div> <div> Original Depth: 15 ft Material: CLAY </div> <div> Original Depth: 25 ft Material: CLAY, STONES </div> <div> Original Depth: 122 ft Material: CLAY, SOFT </div> <div> Original Depth: 124 ft Material: GRAVEL </div> </div> </div>					
130	1 of 1	-/0.0	227.8	lot 28 con 4 MARKHAM ON	WWIS
<div> <div> Well ID: 6928628 Concession: 04 County: YORK </div> <div> Lot: 028 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) </div> </div> <div> <div> Easting Nad83: 630510 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 106 LPM Flow Rate: Specific Capacity: </div> <div> Northing Nad83: 4863645 Utm Reliability: unknown UTM Construction Date: 16-NOV-04 Well Depth: 22 m Static Water Level: 1.2 m Clear/Cloudy: CLEAR Final Well Status: Water Supply </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Construction Method:	Cable Tool			Flowing (y/n):	
Elevation (m):	236.51			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	.6 m			Original Depth:	.6 m
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	4.4 m			Original Depth:	5 m
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	16 m			Original Depth:	21 m
Material Colour:	GREY			Material:	CLAY, STONES, HARD
+					
Thickness:	1 m			Original Depth:	22 m
Material Colour:	GREY			Material:	SAND, LOOSE
133	1 of 1	-/0.0	227.8	lot 28 con 4 ON	WWIS
Well ID:	6923464			Lot:	028
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630495			Northing Nad83:	4863680
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	23-NOV-95
Sec. Water Use:				Well Depth:	72 ft
Pump Rate:	20 GPM			Static Water Level:	0 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	237.46			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	10 ft			Original Depth:	10 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	14 ft			Original Depth:	24 ft
Material Colour:	GREY			Material:	CLAY, HARD
+					
Thickness:	8 ft			Original Depth:	32 ft
Material Colour:	GREY			Material:	CLAY, STONES
+					
Thickness:	18 ft			Original Depth:	50 ft
Material Colour:	GREY			Material:	CLAY, SOFT
+					
Thickness:	11 ft			Original Depth:	61 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	GREY			Material:	CLAY, HARD
+					
Thickness:	6 ft			Original Depth:	67 ft
Material Colour:	GREY			Material:	CLAY, GRAVEL
+					
Thickness:	5 ft			Original Depth:	72 ft
Material Colour:	GREY			Material:	SAND, COARSE SAND

135	1 of 1	-/0.0	209.1	lot 21 con 4 YORK ON	WWIS
Well ID:	7100050			Lot:	21
Concession:	4			Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631110			Northing Nad83:	4860875
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	28-NOV-07
Sec. Water Use:				Well Depth:	211 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Other Method			Flowing (y/n):	N
Elevation (m):	210.15			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	
--- Details ---					
Thickness:	-188 ft			Original Depth:	12 ft
Material Colour:				Material:	SAND
+					
Thickness:	0 ft			Original Depth:	12 ft
Material Colour:				Material:	
+					
Thickness:	-11 ft			Original Depth:	200 ft
Material Colour:				Material:	
+					
Thickness:	211 ft			Original Depth:	211 ft
Material Colour:				Material:	
+					
Thickness:	0 ft			Original Depth:	211 ft
Material Colour:				Material:	

136	1 of 1	-/0.0	209.0	lot 21 con 4 MARKHAM ON	WWIS
Well ID:	7100051			Lot:	21
Concession:	4			Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631138			Northing Nad83:	4860879
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	28-NOV-07

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	Other Method		209.56	Well Depth: 42 ft Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Casing Material:	
--- Details ---					
Thickness:	-22 ft			Original Depth: 20 ft	
Material Colour:				Material: LAYERED	
+					
Thickness:	0 ft			Original Depth: 20 ft	
Material Colour:				Material: SAND, CLAY	
+					
Thickness:	42 ft			Original Depth: 42 ft	
Material Colour:				Material:	
+					
Thickness:	0 ft			Original Depth: 42 ft	
Material Colour:				Material: SAND, CLAY	

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1 of 1

-/0.0

208.7

MARKHAM HYDRO
10077 WOODBINE AVENUE NORTH OF
MAJOR MACKENZIE RD. TRANSFORMER
MARKHAM TOWN ON L6C 1J1

SPL

Ref NO: 78786
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: COOLING SYSTEM LEAK
Incident Dt: 11/13/1992
Incident Reason: STORM/FLOOD/WIND
Incident Summary: MARKHAM HYDRO - 30L NON-PCB TRANSFORMER OIL TO FIELD DUE TO STORM.
MOE Reported Dt: 11/13/1992
Environmental Impact: POSSIBLE
Nature of Impact: Soil contamination
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 27402

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1 of 1

-/0.0

208.2

TRANSPORT TRUCK
WOODBINE AVE 300 M NORTH OF MAJOR
MACKENZIE MOTOR VEHICLE
(OPERATING FLUID)
MARKHAM TOWN ON

SPL

Ref NO: 118815
Contaminant Code:
Contaminant Name:
Contaminant Quantity:

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Incident Cause:		OTHER TRANSPORTATION ACCIDENT			
Incident Dt:		9/22/1995			
Incident Reason:		ERROR			
Incident Summary:		PRIVATE OWNER-454L DIESELSPILLED TO DITCH &CULVERTFD,WORKS,ONSITE.CLEANING			
MOE Reported Dt:		9/22/1995			
Environmental Impact:		POSSIBLE			
Nature of Impact:		Water course or lake			
Receiving Medium:		LAND / WATER			
SAC Action Class:					
Sector Source Type:					
Site Municipality:		27402			

139	1 of 1	-/0.0	207.6	lot 21 con 4 ON	WWIS
Well ID:		6903367		Lot:	021
Concession:		04		Concession Name:	CON
County:		YORK		Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:		631156.7		Northing Nad83:	4860774
Zone:		17		Utm Reliability:	unknown UTM
Primary Water Use:		Public		Construction Date:	14-OCT-58
Sec. Water Use:				Well Depth:	52 ft
Pump Rate:		0 GPM		Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:		Boring		Flowing (y/n):	N
Elevation (m):		207.63		Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:		FRESH		Casing Material:	SULPHUR
--- Details ---					
Thickness:		45 ft		Original Depth:	45 ft
Material Colour:				Material:	STONES, CLAY
+ Thickness:		7 ft		Original Depth:	52 ft
Material Colour:				Material:	MEDIUM SAND, CLAY

6	1 of 1	NE/9.2	227.8	lot 25 con 4 VICTORIA SQUARE ON	WWIS
Well ID:		6931011		Lot:	025
Concession:		04		Concession Name:	
County:		YORK		Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:		630864		Northing Nad83:	4862345
Zone:		17		Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:		Not Used		Construction Date:	15-NOV-06
Sec. Water Use:				Well Depth:	3.65 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Construction Method:	Other Method			Flowing (y/n):	
Elevation (m):	231.04			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	all layers are unknown type
Water Type:				k:	
				Casing Material:	
--- Details ---					
Thickness:	-.8 m			Original Depth:	2.7 m
Material Colour:				Material:	
+					
Thickness:	-.15 m			Original Depth:	3.5 m
Material Colour:				Material:	
+					
Thickness:	3.65 m			Original Depth:	3.65 m
Material Colour:				Material:	
<hr/>					
8	1 of 1	NE/28.4	227.8	lot 25 con 4 MARKHAM ON	WWIS
Well ID:	6928220			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630879			Northing Nad83:	4862368
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	22-JUN-04
Sec. Water Use:				Well Depth:	6.7 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Test Hole
Construction Method:	Boring			Flowing (y/n):	
Elevation (m):	231.47			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:				k:	
				Casing Material:	Not stated
--- Details ---					
Thickness:	.03 m			Original Depth:	.03 m
Material Colour:	BLACK			Material:	TOPSOIL, LOOSE
+					
Thickness:	1.87 m			Original Depth:	1.9 m
Material Colour:	BROWN			Material:	SILT, SAND, CLAY
+					
Thickness:	1.1 m			Original Depth:	3 m
Material Colour:	BROWN			Material:	SILT, TILL, SAND
+					
Thickness:	2.1 m			Original Depth:	5.1 m
Material Colour:	BROWN			Material:	SAND, SILT, DENSE
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	1.6 m			Original Depth:	6.7 m
Material Colour:	BROWN			Material:	SAND, SILT, GRAVEL
12	1 of 1	SE/32.0	227.1	lot 25 con 4 ON	WWIS
Well ID:	6915741			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630914.7			Northing Nad83:	4862203
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	29-AUG-80
Sec. Water Use:				Well Depth:	170 ft
Pump Rate:	75 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	Y
Elevation (m):	228.98			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	3 ft			Original Depth:	3 ft
Material Colour:	BLUE			Material:	CLAY, FILL
+					
Thickness:	21 ft			Original Depth:	24 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	15 ft			Original Depth:	39 ft
Material Colour:	GREY			Material:	SAND, STONES
+					
Thickness:	46 ft			Original Depth:	85 ft
Material Colour:	BLUE			Material:	CLAY, STONES, SAND
+					
Thickness:	41 ft			Original Depth:	126 ft
Material Colour:	BLUE			Material:	CLAY, SILT, SOFT
+					
Thickness:	28 ft			Original Depth:	154 ft
Material Colour:	BLUE			Material:	CLAY, SANDY
+					
Thickness:	6 ft			Original Depth:	160 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
+					
Thickness:	10 ft			Original Depth:	170 ft
Material Colour:	BLUE			Material:	CLAY, SILT

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
13	1 of 1	ESE/55.5	227.5	lot 25 con 4 ON	WWIS
Well ID:	6915544			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630934.7			Northing Nad83:	4862223
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	15-MAR-80
Sec. Water Use:				Well Depth:	159 ft
Pump Rate:	15 GPM			Static Water Level:	1 ft
Flow Rate:				Clear/Cloudy:	CLOUDY
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	228.84			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	5 ft			Original Depth:	5 ft
Material Colour:	BROWN			Material:	FILL, STONES
+					
Thickness:	13 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	17 ft			Original Depth:	35 ft
Material Colour:	BROWN			Material:	GRAVEL
+					
Thickness:	67 ft			Original Depth:	102 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	48 ft			Original Depth:	150 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	9 ft			Original Depth:	159 ft
Material Colour:	BLUE			Material:	SAND

14	1 of 1	NNE/33.3	227.8	lot 25 con 4 VICTORIA SQUARE ON	WWIS
Well ID:	6928255			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630875			Northing Nad83:	4862415
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic			Construction Date:	27-SEP-04
Sec. Water Use:				Well Depth:	33 m
Pump Rate:	60 LPM			Static Water Level:	19.1 m
Flow Rate:				Clear/Cloudy:	CLEAR

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	
Elevation (m):	232.79			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	1 m			Original Depth:	1 m
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	3.8 m			Original Depth:	4.8 m
Material Colour:	YELLOW			Material:	SAND, CLAY
+					
Thickness:	6.4 m			Original Depth:	11.2 m
Material Colour:	BROWN			Material:	CLAY, GRAVEL, STONES
+					
Thickness:	3.3 m			Original Depth:	14.5 m
Material Colour:	BROWN			Material:	GRAVEL, CLAY
+					
Thickness:	17.6 m			Original Depth:	32.1 m
Material Colour:	GREY			Material:	CLAY, GRAVEL, HARD
+					
Thickness:	.9 m			Original Depth:	33 m
Material Colour:	BROWN			Material:	GRAVEL
18	1 of 1	ENE/98.0	227.8	lot 25 con 4 ON	WWIS
Well ID:	6916016			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630954.7			Northing Nad83:	4862343
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	19-NOV-81
Sec. Water Use:				Well Depth:	170 ft
Pump Rate:	45 GPM			Static Water Level:	81 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	230			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	7 ft			Original Depth:	7 ft
Material Colour:	BROWN			Material:	CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+					
Thickness:	11 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	SAND, GRAVEL
+					
Thickness:	5 ft			Original Depth:	23 ft
Material Colour:	BROWN			Material:	CLAY, SANDY
+					
Thickness:	16 ft			Original Depth:	39 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	74 ft			Original Depth:	113 ft
Material Colour:	BLACK			Material:	CLAY, STONES
+					
Thickness:	20 ft			Original Depth:	133 ft
Material Colour:	BLUE			Material:	CLAY, SILT
+					
Thickness:	24 ft			Original Depth:	157 ft
Material Colour:	BLUE			Material:	CLAY, SAND, STONES
+					
Thickness:	13 ft			Original Depth:	170 ft
Material Colour:	GREY			Material:	SAND, STONES

20	1 of 1	NE/69.9	227.8	lot 25 con 4 ON	WWIS
Well ID:	6920749			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630913			Northing Nad83:	4862411
Zone:	17			Utm Reliability:	margin of error : 3 - 10 m
Primary Water Use:	Domestic			Construction Date:	03-NOV-89
Sec. Water Use:				Well Depth:	169 ft
Pump Rate:	100 GPM			Static Water Level:	14 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Air)			Flowing (y/n):	N
Elevation (m):	232.06			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				k:	
Thickness:	1 ft			Casing Material:	FRESH
Material Colour:	BROWN			Original Depth:	1 ft
+				Material:	TOPSOIL
Thickness:	16 ft			Original Depth:	17 ft
Material Colour:	BROWN			Material:	SAND, CLAY
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	24 ft			Original Depth:	41 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	38 ft			Original Depth:	79 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL
+					
Thickness:	2 ft			Original Depth:	81 ft
Material Colour:	BROWN			Material:	GRAVEL, CLAY
+					
Thickness:	83 ft			Original Depth:	164 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL, SAND
+					
Thickness:	2 ft			Original Depth:	166 ft
Material Colour:	BROWN			Material:	SAND, WATER-BEARING
+					
Thickness:	3 ft			Original Depth:	169 ft
Material Colour:	BROWN			Material:	GRAVEL, CLEAN

21	1 of 1	NNE/41.3	227.8	lot 25 con 4 VICTORIA SQUARE ON	WWIS
Well ID:	7154520			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630879			Northing Nad83:	4862436
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic			Construction Date:	13-OCT-10
Sec. Water Use:				Well Depth:	109 ft
Pump Rate:	10 GPM			Static Water Level:	29.2 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	233.31			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	16 ft			Original Depth:	16 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	22 ft			Original Depth:	38 ft
Material Colour:	BROWN			Material:	CLAY, STONES, GRAVEL
+					
Thickness:	11 ft			Original Depth:	49 ft
Material Colour:	GREY			Material:	SAND, CLAY
+					
Thickness:	58 ft			Original Depth:	107 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour: +	GREY			Material:	GRAVEL, CLAY, HARD
Thickness:	2 ft			Original Depth:	109 ft
Material Colour:	BROWN			Material:	GRAVEL
22	1 of 1	ENE/121.4	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915444			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630974.7			Northing Nad83:	4862363
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	01-NOV-79
Sec. Water Use:				Well Depth:	185 ft
Pump Rate:	50 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	230.08			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	5 ft			Original Depth:	5 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	11 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	16 ft			Original Depth:	27 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	87 ft			Original Depth:	114 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	20 ft			Original Depth:	134 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	22 ft			Original Depth:	156 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	3 ft			Original Depth:	159 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	26 ft			Original Depth:	185 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
23	1 of 1	NE/105.4	227.8	lot 25 con 4 ON	WWIS
Well ID: 6903372				Lot: 025	
Concession: 04				Concession Name: CON	
County: YORK				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83: 630950.7				Northing Nad83: 4862403	
Zone: 17				Utm Reliability: margin of error : 100 m - 300 m	
Primary Water Use: Domestic				Construction Date: 22-MAR-57	
Sec. Water Use:				Well Depth: 43 ft	
Pump Rate: 15 GPM				Static Water Level: 30 ft	
Flow Rate:				Clear/Cloudy: CLEAR	
Specific Capacity:				Final Well Status: Water Supply	
Construction Method: Cable Tool				Flowing (y/n): N	
Elevation (m): 230.81				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock: Overburden	
Water Type: FRESH				Casing Material: FRESH	
--- Details ---					
Thickness: 2 ft				Original Depth: 2 ft	
Material Colour:				Material: TOPSOIL	
+					
Thickness: 18 ft				Original Depth: 20 ft	
Material Colour: YELLOW				Material: CLAY	
+					
Thickness: 10 ft				Original Depth: 30 ft	
Material Colour: BLUE				Material: CLAY	
+					
Thickness: 13 ft				Original Depth: 43 ft	
Material Colour: BLUE				Material: MEDIUM SAND, STONES	
24	1 of 1	E/129.6	227.8	lot 25 con 4 ON	WWIS
Well ID: 6916220				Lot: 025	
Concession: 04				Concession Name: CON	
County: YORK				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83: 630994.7				Northing Nad83: 4862303	
Zone: 17				Utm Reliability: margin of error : 30 m - 100 m	
Primary Water Use: Domestic				Construction Date: 03-DEC-81	
Sec. Water Use:				Well Depth: 185 ft	
Pump Rate: 45 GPM				Static Water Level: 0 ft	
Flow Rate:				Clear/Cloudy: CLEAR	
Specific Capacity:				Final Well Status: Water Supply	
Construction Method: Rotary (Convent.)				Flowing (y/n): N	
Elevation (m): 229.29				Elevation Reliability:	

24	1 of 1	E/129.6	227.8	lot 25 con 4 ON	WWIS
Well ID: 6916220 Concession: 04 County: YORK				Lot: 025 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83: 630994.7 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 45 GPM Flow Rate: Specific Capacity: Construction Method: Rotary (Convent.) Elevation (m): 229.29				Northing Nad83: 4862303 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 03-DEC-81 Well Depth: 185 ft Static Water Level: 0 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N	
				Elevation Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	9 ft			Original Depth:	9 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	15 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	14 ft			Original Depth:	29 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	89 ft			Original Depth:	118 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	6 ft			Original Depth:	124 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	31 ft			Original Depth:	155 ft
Material Colour:	BLUE			Material:	CLAY, SILT
+					
Thickness:	9 ft			Original Depth:	164 ft
Material Colour:	GREY			Material:	SAND, STONES, CLAY
+					
Thickness:	2 ft			Original Depth:	166 ft
Material Colour:	BLUE			Material:	CLAY, SILT
+					
Thickness:	19 ft			Original Depth:	185 ft
Material Colour:	GREY			Material:	SAND, STONES

[25](#)

1 of 1

N/7.9

227.8

WWIS

VICTORIA SQUARE ON

Well ID: 7161868
Concession:
County: YORK
Easting Nad83: 630837
Zone: 17
Primary Water Use: Domestic
Sec. Water Use:
Pump Rate:
Flow Rate:
Specific Capacity:
Construction Method: Driving
Elevation (m):
Depth to Bedrock:

Lot:
Concession Name:
Municipality: MARKHAM TOWN (MARKHAM TWP)
Northing Nad83: 4862477
Utm Reliability: margin of error : 10 - 30 m
Construction Date: 15-MAR-11
Well Depth: m
Static Water Level: 8.1 m
Clear/Cloudy:
Final Well Status: Abandoned-Supply
Flowing (y/n):
Elevation Reliability:
Overburden/Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:	Untested			k: Casing Material:	FRESH
--- Details ---					
Thickness:	m			Original Depth:	m
Material Colour:				Material:	

26	1 of 1	N/6.1	227.8	VICTORIA SQUARE ON	WWIS
Well ID:	7161869			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630834			Northing Nad83:	4862483
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic			Construction Date:	09-MAR-11
Sec. Water Use:				Well Depth:	13.7 m
Pump Rate:	40 LPM			Static Water Level:	7.85 m
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Replacement Well
Construction Method:	Rotary (Convent.)			Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:	FRESH			k: Casing Material:	FRESH
--- Details ---					
Thickness:	2.2 m			Original Depth:	13.7 m
Material Colour:	BROWN			Material:	SAND, GRAVEL, PACKED
+					
Thickness:	.3 m			Original Depth:	.3 m
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	8.8 m			Original Depth:	9.1 m
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	2.4 m			Original Depth:	11.5 m
Material Colour:	GREY			Material:	CLAY, SAND

27	1 of 1	E/153.1	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915446			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4862323
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	03-OCT-79
Sec. Water Use:				Well Depth:	185 ft
Pump Rate:	65 GPM			Static Water Level:	-10 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Flow Rate: Specific Capacity: Construction Method: Elevation (m):	Rotary (Convent.) 229.4			Clear/Cloudy: Final Well Status: Flowing (y/n):	CLEAR Water Supply Y
Depth to Bedrock:				Elevation Reliability: Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	9 ft			Original Depth:	9 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	33 ft			Original Depth:	42 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	104 ft			Original Depth:	146 ft
Material Colour:	BLUE			Material:	CLAY, STONES, SAND
+					
Thickness:	8 ft			Original Depth:	154 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	9 ft			Original Depth:	163 ft
Material Colour:	GREY			Material:	SAND, STONES, DIRTY
+					
Thickness:	3 ft			Original Depth:	166 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	14 ft			Original Depth:	180 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
+					
Thickness:	5 ft			Original Depth:	185 ft
Material Colour:	BLUE			Material:	CLAY, STONES

28	1 of 1	ESE/106.8	226.9	lot 25 con 4 ON	WWIS
Well ID:	6916001			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630994.7			Northing Nad83:	4862183
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	04-JUN-81
Sec. Water Use:				Well Depth:	161 ft
Pump Rate:	15 GPM			Static Water Level:	0 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	227.58			Elevation	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				Casing Material:	FRESH
Thickness:	32 ft			Original Depth:	32 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	3 ft			Original Depth:	35 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	69 ft			Original Depth:	104 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	50 ft			Original Depth:	154 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	7 ft			Original Depth:	161 ft
Material Colour:	BLUE			Material:	SAND
29	1 of 1	NE/132.4	227.8	lot 25 con 4 ON	WWIS
Well ID:	6903374			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630975.7			Northing Nad83:	4862416
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	11-NOV-61
Sec. Water Use:				Well Depth:	165 ft
Pump Rate:	6 GPM			Static Water Level:	3 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	230.22			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				Casing Material:	FRESH
Thickness:	20 ft			Original Depth:	20 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	60 ft			Original Depth:	80 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	70 ft			Original Depth:	150 ft
Material Colour:				Material:	HARDPAN, CLAY, STONES

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+					
Thickness:	11 ft			Original Depth:	161 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	4 ft			Original Depth:	165 ft
Material Colour:				Material:	COARSE SAND
<hr/>					
30	1 of 1	SSE/17.5	224.2	MARKHAM ON	WWIS
Well ID:	7187633			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630920			Northing Nad83:	4862099
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	14-MAY-12
Sec. Water Use:				Well Depth:	m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	
---				k:	
Details ---				Casing Material:	
Thickness:	m			Original Depth:	m
Material Colour:				Material:	
<hr/>					
31	1 of 1	ENE/160.6	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915448			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4862363
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	19-SEP-79
Sec. Water Use:				Well Depth:	195 ft
Pump Rate:	60 GPM			Static Water Level:	-8 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	Y
Elevation (m):	229.69			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				k:	
				Casing Material:	FRESH

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	6 ft			Original Depth:	6 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	2 ft			Original Depth:	8 ft
Material Colour:	GREY			Material:	SAND, STONES
+					
Thickness:	28 ft			Original Depth:	36 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	101 ft			Original Depth:	137 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	10 ft			Original Depth:	147 ft
Material Colour:	BLUE			Material:	CLAY, STONES, DRY
+					
Thickness:	4 ft			Original Depth:	151 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	9 ft			Original Depth:	160 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	5 ft			Original Depth:	165 ft
Material Colour:	WHITE			Material:	CLAY, STONES, GRAVEL
+					
Thickness:	5 ft			Original Depth:	170 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	15 ft			Original Depth:	185 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
+					
Thickness:	10 ft			Original Depth:	195 ft
Material Colour:	BLUE			Material:	CLAY, STONES

32	1 of 1	NNE/87.6	227.8	lot 25 con 4 ON	WWIS
Well ID:	6903381			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630916.7			Northing Nad83:	4862485
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	03-NOV-65
Sec. Water Use:				Well Depth:	198 ft
Pump Rate:	6 GPM			Static Water Level:	8 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Elevation (m):	234.7			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				Casing Material:	FRESH
Thickness:	35 ft			Original Depth:	35 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	25 ft			Original Depth:	60 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	135 ft			Original Depth:	195 ft
Material Colour:				Material:	CLAY, MEDIUM SAND
+					
Thickness:	3 ft			Original Depth:	198 ft
Material Colour:				Material:	MEDIUM SAND
33	1 of 1	ESE/126.4	227.1	lot 25 con 4 ON	WWIS
Well ID:	6915443			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4862183
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	09-NOV-79
Sec. Water Use:				Well Depth:	170 ft
Pump Rate:	35 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	227.47			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				Casing Material:	FRESH
Thickness:	11 ft			Original Depth:	11 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	7 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	9 ft			Original Depth:	27 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	9 ft			Original Depth:	36 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	GREY			Material:	SAND, STONES
+					
Thickness:	84 ft			Original Depth:	120 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	17 ft			Original Depth:	137 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	14 ft			Original Depth:	151 ft
Material Colour:	BLUE			Material:	CLAY, STONES, DRY
+					
Thickness:	19 ft			Original Depth:	170 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
34	1 of 1	NNE/104.9	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915447			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630934.7			Northing Nad83:	4862483
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	25-SEP-79
Sec. Water Use:				Well Depth:	198 ft
Pump Rate:	60 GPM			Static Water Level:	7 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	234.43			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	7 ft			Original Depth:	7 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	9 ft			Original Depth:	16 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	25 ft			Original Depth:	41 ft
Material Colour:	BROWN			Material:	CLAY, SAND, STONES
+					
Thickness:	123 ft			Original Depth:	164 ft
Material Colour:	BLUE			Material:	CLAY, STONES, WEATHERED
+					
Thickness:	5 ft			Original Depth:	169 ft
Material Colour:	GREY			Material:	FINE SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+					
Thickness:	4 ft			Original Depth:	173 ft
Material Colour:	GREY			Material:	SAND, STONES, DIRTY
+					
Thickness:	2 ft			Original Depth:	175 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	12 ft			Original Depth:	187 ft
Material Colour:	GREY			Material:	SAND, STONES, DIRTY
+					
Thickness:	5 ft			Original Depth:	192 ft
Material Colour:	BLUE			Material:	CLAY, STONES, WEATHERED
+					
Thickness:	6 ft			Original Depth:	198 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
<hr/>					
35	1 of 1	NW/104.2	227.8	lot 25 con 3 ON	WWIS
Well ID:	6903192			Lot:	025
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630606.7			Northing Nad83:	4862421
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Public			Construction Date:	05-MAY-60
Sec. Water Use:				Well Depth:	37 ft
Pump Rate:	3 GPM			Static Water Level:	28 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Boring			Flowing (y/n):	N
Elevation (m):	237.25			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	4 ft			Original Depth:	4 ft
Material Colour:	YELLOW			Material:	CLAY
+					
Thickness:	26 ft			Original Depth:	30 ft
Material Colour:				Material:	MEDIUM SAND
+					
Thickness:	7 ft			Original Depth:	37 ft
Material Colour:				Material:	GRAVEL
<hr/>					
36	1 of 1	NNE/83.2	227.8	lot 25 con 4 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Well ID:	6912888			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630908.7			Northing Nad83:	4862503
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	03-MAR-75
Sec. Water Use:				Well Depth:	185 ft
Pump Rate:	8 GPM			Static Water Level:	15 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	235.13			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	32 ft			Original Depth:	32 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	55 ft			Original Depth:	87 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL
+					
Thickness:	48 ft			Original Depth:	135 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	25 ft			Original Depth:	160 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	20 ft			Original Depth:	180 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	185 ft
Material Colour:	BLUE			Material:	MEDIUM SAND

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1 of 1

N/26.3

227.8

lot 25 con 4
ON

WWIS

Well ID:	6903375	Lot:	025
Concession:	04	Concession Name:	CON
County:	YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630845.7	Northing Nad83:	4862529
Zone:	17	Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic	Construction Date:	15-FEB-62
Sec. Water Use:		Well Depth:	185 ft
Pump Rate:	5 GPM	Static Water Level:	9 ft
Flow Rate:		Clear/Cloudy:	CLEAR
Specific Capacity:		Final Well Status:	Water Supply
Construction Method:	Cable Tool	Flowing (y/n):	N

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Method:				Elevation	
Elevation (m):	235.85			Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	30 ft			Original Depth:	30 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	20 ft			Original Depth:	50 ft
Material Colour:	BROWN			Material:	MEDIUM SAND
+					
Thickness:	50 ft			Original Depth:	100 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	65 ft			Original Depth:	165 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	15 ft			Original Depth:	180 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	185 ft
Material Colour:				Material:	COARSE SAND
<hr/>					
38	1 of 1	ENE/172.0	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915445			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4862423
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	26-OCT-79
Sec. Water Use:				Well Depth:	195 ft
Pump Rate:	30 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	229.89			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				Casing Material:	FRESH
--- Details ---					
Thickness:	9 ft			Original Depth:	9 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	7 ft			Original Depth:	16 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	20 ft			Original Depth:	36 ft
Material Colour:	BROWN			Material:	CLAY, SAND, STONES
+					
Thickness:	124 ft			Original Depth:	160 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	5 ft			Original Depth:	165 ft
Material Colour:	GREY			Material:	STONES, SAND, CLAY
+					
Thickness:	6 ft			Original Depth:	171 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	16 ft			Original Depth:	187 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
+					
Thickness:	8 ft			Original Depth:	195 ft
Material Colour:	BLUE			Material:	CLAY, STONES
39	1 of 1	WNW/136.1	227.8	lot 25 con 3 ON	WWIS
Well ID:	6903197			Lot:	025
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630577.7			Northing Nad83:	4862403
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Public			Construction Date:	15-FEB-65
Sec. Water Use:				Well Depth:	177 ft
Pump Rate:	18 GPM			Static Water Level:	17 ft
Flow Rate:				Clear/Cloudy:	CLOUDY
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	236.92			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	6 ft			Original Depth:	8 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	20 ft			Original Depth:	28 ft
Material Colour:	BROWN			Material:	CLAY, GRAVEL

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+					
Thickness:	12 ft			Original Depth:	40 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, GRAVEL
+					
Thickness:	5 ft			Original Depth:	45 ft
Material Colour:				Material:	HARDPAN
+					
Thickness:	15 ft			Original Depth:	60 ft
Material Colour:	GREY			Material:	MEDIUM SAND, GRAVEL
+					
Thickness:	15 ft			Original Depth:	75 ft
Material Colour:	BLUE			Material:	CLAY, BOULDERS
+					
Thickness:	7 ft			Original Depth:	82 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, GRAVEL
+					
Thickness:	91 ft			Original Depth:	173 ft
Material Colour:	BLUE			Material:	CLAY, MEDIUM SAND
+					
Thickness:	4 ft			Original Depth:	177 ft
Material Colour:	GREY			Material:	MEDIUM SAND

41	1 of 1	WNW/138.2	227.8	lot 25 con 3 ON	WWIS
Well ID:	7205997			Lot:	025
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630576			Northing Nad83:	4862401
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	31-MAY-13
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:				k:	
				Casing Material:	

42	1 of 1	NNE/73.2	227.8	lot 25 con 4 ON	WWIS
Well ID:	6917026			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Easting Nad83:	630894.7			Northing Nad83:	4862523
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	21-JUL-83
Sec. Water Use:				Well Depth:	186 ft
Pump Rate:	20 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	235.47			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	19 ft			Original Depth:	21 ft
Material Colour:	BROWN			Material:	CLAY, SAND
+					
Thickness:	27 ft			Original Depth:	48 ft
Material Colour:	BROWN			Material:	CLAY, STONES, SAND
+					
Thickness:	49 ft			Original Depth:	97 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	80 ft			Original Depth:	177 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	9 ft			Original Depth:	186 ft
Material Colour:	BLUE			Material:	SAND
<hr/>					
43	1 of 1	NNW/10.7	227.8	lot 26 con 3 MARKHAM ON	WWIS
Well ID:	6927598			Lot:	026
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630684			Northing Nad83:	4862511
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	13-FEB-04
Sec. Water Use:				Well Depth:	59.43 m
Pump Rate:				Static Water Level:	9.76 m
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	
Elevation (m):	238.83			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:		FRESH		k: Casing Material:	FRESH
--- Details ---					
Thickness:	2.44 m			Original Depth:	2.44 m
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	14.33 m			Original Depth:	16.77 m
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	12.79 m			Original Depth:	29.56 m
Material Colour:	GREY			Material:	CLAY, SILT
+					
Thickness:	3.36 m			Original Depth:	32.92 m
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	8.22 m			Original Depth:	41.14 m
Material Colour:	GREY			Material:	CLAY, SILT
+					
Thickness:	7.63 m			Original Depth:	48.77 m
Material Colour:	BLUE			Material:	CLAY, STICKY
+					
Thickness:	6.11 m			Original Depth:	54.88 m
Material Colour:	GREY			Material:	SILT, CLAY
+					
Thickness:	2.11 m			Original Depth:	56.99 m
Material Colour:				Material:	GRAVEL
+					
Thickness:	2.44 m			Original Depth:	59.43 m
Material Colour:	GREY			Material:	CLAY
44	1 of 1	NE/144.2	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915441			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630974.7			Northing Nad83:	4862483
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	04-DEC-79
Sec. Water Use:				Well Depth:	191 ft
Pump Rate:	45 GPM			Static Water Level:	5 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	232.96			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
				k:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:		FRESH		Casing Material:	FRESH
--- Details ---					
Thickness:	7 ft			Original Depth:	7 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	10 ft			Original Depth:	23 ft
Material Colour:	BROWN			Material:	CLAY, WEATHERED
+					
Thickness:	18 ft			Original Depth:	41 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	49 ft			Original Depth:	90 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	69 ft			Original Depth:	159 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	8 ft			Original Depth:	167 ft
Material Colour:	GREY			Material:	SAND, CLAY, STONES
+					
Thickness:	2 ft			Original Depth:	169 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	22 ft			Original Depth:	191 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
46	1 of 1	NE/179.6	227.8	lot 25 con 4 ON	WWIS
Well ID:	6915449			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4862463
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	22-SEP-79
Sec. Water Use:				Well Depth:	188 ft
Pump Rate:	60 GPM			Static Water Level:	5 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	230.99			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			k:	
				Casing Material:	FRESH

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	4 ft			Original Depth:	4 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	8 ft			Original Depth:	12 ft
Material Colour:	GREY			Material:	STONES, SAND
+					
Thickness:	25 ft			Original Depth:	37 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	54 ft			Original Depth:	91 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	6 ft			Original Depth:	97 ft
Material Colour:	BLUE			Material:	CLAY, STONES, DRY
+					
Thickness:	49 ft			Original Depth:	146 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	6 ft			Original Depth:	152 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	9 ft			Original Depth:	161 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	6 ft			Original Depth:	167 ft
Material Colour:	GREY			Material:	SAND, CLAY, DIRTY
+					
Thickness:	21 ft			Original Depth:	188 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
<hr/>					
51	1 of 1	NW/69.4	227.8	lot 26 con 3 ON	WWIS
Well ID:	6903205			Lot:	026
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630624.7			Northing Nad83:	4862508
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	04-NOV-63
Sec. Water Use:				Well Depth:	195 ft
Pump Rate:	10 GPM			Static Water Level:	35 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	238.97			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	68 ft			Original Depth:	70 ft
Material Colour:	BROWN			Material:	MEDIUM SAND, GRAVEL
+					
Thickness:	70 ft			Original Depth:	140 ft
Material Colour:				Material:	CLAY, GRAVEL
+					
Thickness:	51 ft			Original Depth:	191 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	4 ft			Original Depth:	195 ft
Material Colour:	BLUE			Material:	FINE SAND
52	1 of 1	NNE/135.7	227.8	lot 25 con 4 ON	WWIS
Well ID:	6903376			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630957.7			Northing Nad83:	4862526
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	28-MAY-62
Sec. Water Use:				Well Depth:	40 ft
Pump Rate:	6 GPM			Static Water Level:	28 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Boring			Flowing (y/n):	N
Elevation (m):	235.14			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	SULPHUR
--- Details ---					
Thickness:	40 ft			Original Depth:	40 ft
Material Colour:				Material:	GRAVEL
53	1 of 1	NNE/61.2	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914074			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630874.7			Northing Nad83:	4862563
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Primary Water Use:	Domestic			Construction Date:	14-JUN-77
Sec. Water Use:				Well Depth:	209 ft
Pump Rate:	40 GPM			Static Water Level:	18 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	236.66			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	14 ft			Original Depth:	14 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	23 ft			Original Depth:	37 ft
Material Colour:	BROWN			Material:	GRAVEL, SAND, CLEAN
+					
Thickness:	67 ft			Original Depth:	104 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	3 ft			Original Depth:	107 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	14 ft			Original Depth:	121 ft
Material Colour:	BLUE			Material:	CLAY, STONES, SOFT
+					
Thickness:	6 ft			Original Depth:	127 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	22 ft			Original Depth:	149 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	13 ft			Original Depth:	162 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	12 ft			Original Depth:	174 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	9 ft			Original Depth:	183 ft
Material Colour:	GREY			Material:	GRAVEL, CLAY, DIRTY
+					
Thickness:	26 ft			Original Depth:	209 ft
Material Colour:	BROWN			Material:	COARSE SAND
54	1 of 1	NE/183.4	227.8	lot 25 con 4 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Well ID:	6915442			Lot:	025
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631014.7			Northing Nad83:	4862483
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	20-NOV-79
Sec. Water Use:				Well Depth:	200 ft
Pump Rate:	30 GPM			Static Water Level:	10 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	231.9			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	3 ft			Original Depth:	3 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	40 ft			Original Depth:	43 ft
Material Colour:	BROWN			Material:	STONES, SAND, CLEAN
+					
Thickness:	6 ft			Original Depth:	49 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	115 ft			Original Depth:	164 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	12 ft			Original Depth:	176 ft
Material Colour:	GREY			Material:	SAND, STONES, CLAY
+					
Thickness:	4 ft			Original Depth:	180 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
+					
Thickness:	18 ft			Original Depth:	198 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
+					
Thickness:	2 ft			Original Depth:	200 ft
Material Colour:	BLUE			Material:	CLAY, WEATHERED
55	1 of 1	SSW/87.4	222.8	lot 24 con 3 ON	WWIS
Well ID:	6903189			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630707.7			Northing Nad83:	4862005

90	erisinfo.com EcoLog ERIS Ltd. 1544413 Woodbine Ave Elgin Mills Rd E Markham ON	Order No: 20160314242
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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	7 ft			Original Depth:	43 ft
Material Colour:	BROWN			Material:	SAND, SILT
+					
Thickness:	54 ft			Original Depth:	97 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	46 ft			Original Depth:	143 ft
Material Colour:	BLUE			Material:	CLAY, SILT
+					
Thickness:	15 ft			Original Depth:	158 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	2 ft			Original Depth:	160 ft
Material Colour:	BLUE			Material:	CLAY, SILT
+					
Thickness:	17 ft			Original Depth:	177 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	15 ft			Original Depth:	192 ft
Material Colour:	GREY			Material:	SAND, STONES

59	1 of 1	S/56.8	222.1	MARKHAM ON	WWIS
Well ID:	6928106			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	RICHMOND HILL TOWN (MARKHAM)
Easting Nad83:	630746			Northing Nad83:	4861970
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	16-APR-04
Sec. Water Use:				Well Depth:	3.5 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction	Boring			Flowing (y/n):	
Method:				Elevation	
Elevation (m):	226.96			Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			k:	
				Casing Material:	Not stated
--- Details ---					
Thickness:	.8 m			Original Depth:	.8 m
Material Colour:	BROWN			Material:	TOPSOIL
+					
Thickness:	2 m			Original Depth:	2.8 m
Material Colour:	BROWN			Material:	SILT, CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
+					
Thickness:	.7 m			Original Depth:	3.5 m
Material Colour:	BROWN			Material:	FINE SAND
60	1 of 1	N/13.7	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914082			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630814.7			Northing Nad83:	4862623
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	29-JUL-77
Sec. Water Use:				Well Depth:	200 ft
Pump Rate:	45 GPM			Static Water Level:	20 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	239.04			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	11 ft			Original Depth:	11 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	13 ft			Original Depth:	24 ft
Material Colour:	GREY			Material:	STONES
+					
Thickness:	5 ft			Original Depth:	29 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	87 ft			Original Depth:	116 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	26 ft			Original Depth:	142 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	14 ft			Original Depth:	156 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	7 ft			Original Depth:	163 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	5 ft			Original Depth:	168 ft
Material Colour:	BROWN			Material:	SAND, CLAY, DIRTY
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	9 ft			Original Depth:	177 ft
Material Colour:	BLUE			Material:	CLAY, STONEY
+					
Thickness:	23 ft			Original Depth:	200 ft
Material Colour:	BROWN			Material:	COARSE SAND, STONES
61	1 of 1	WNW/237.1	227.8	lot 25 con 3 ON	WWIS
Well ID:	6914867			Lot:	025
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630474.7			Northing Nad83:	4862403
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	08-JUN-78
Sec. Water Use:				Well Depth:	177 ft
Pump Rate:	20 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):	235.87			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	86 ft			Original Depth:	88 ft
Material Colour:	BLUE			Material:	CLAY, STONES, HARD
+					
Thickness:	85 ft			Original Depth:	173 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	4 ft			Original Depth:	177 ft
Material Colour:	BLACK			Material:	COARSE SAND
62	1 of 1	S/54.7	221.2	lot 24 con 3 MARKHAM ON	WWIS
Well ID:	6928537			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630755			Northing Nad83:	4861936
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	11-AUG-04
Sec. Water Use:				Well Depth:	3.52 m
Pump Rate:				Static Water Level:	0 m

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<div> <div> Flow Rate: Specific Capacity: Construction Method: Elevation (m): 226.26 Depth to Bedrock: Water Type: --- Details --- Thickness: 3.52 m Material Colour: </div> <div> Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: all layers are unknown type k: Casing Material: Not stated Original Depth: 3.52 m Material: </div> </div>					
63	1 of 1	NNE/120.9	227.8	lot 26 con 4 MARKHAM ON	WWIS
<div> <div> Well ID: 6927972 Concession: 04 County: YORK Easting Nad83: 630926 Zone: 17 Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): 236.41 Depth to Bedrock: Water Type: </div> <div> Lot: 026 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) Northing Nad83: 4862612 Utm Reliability: margin of error : 10 - 30 m Construction Date: 20-MAY-04 Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: No formation data k: Casing Material: </div> </div>					
65	1 of 1	N/60.6	227.8	lot 26 con 4 ON	WWIS
<div> <div> Well ID: 6914072 Concession: 04 County: YORK Easting Nad83: 630854.7 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 45 GPM Flow Rate: Specific Capacity: Construction Method: Rotary (Convent.) Elevation (m): 238.42 Depth to Bedrock: </div> <div> Lot: 026 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) Northing Nad83: 4862663 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 10-JUN-77 Well Depth: 200 ft Static Water Level: 20 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:	FRESH			k: Casing Material:	FRESH
--- Details ---					
Thickness:	13 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	13 ft			Original Depth:	26 ft
Material Colour:	GREY			Material:	GRAVEL
+					
Thickness:	13 ft			Original Depth:	39 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	45 ft			Original Depth:	84 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	20 ft			Original Depth:	104 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	9 ft			Original Depth:	113 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	28 ft			Original Depth:	141 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	31 ft			Original Depth:	172 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	7 ft			Original Depth:	179 ft
Material Colour:	BROWN			Material:	SAND, STONES, DIRTY
+					
Thickness:	13 ft			Original Depth:	192 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	8 ft			Original Depth:	200 ft
Material Colour:	BROWN			Material:	SAND, STONES, CLEAN

68	1 of 1	SSW/173.9	220.8	lot 24 con 3 MARKHAM ON	WWIS
Well ID:	6928562			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630638			Northing Nad83:	4861913
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	11-AUG-04
Sec. Water Use:				Well Depth:	2.89 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity: Construction Method:				Final Well Status: Flowing (y/n):	Abandoned-Other
Elevation (m):	225.96			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock k:	all layers are unknown type
Water Type:				Casing Material:	Not stated
--- Details ---					
Thickness:	2.89 m			Original Depth:	2.89 m
Material Colour:				Material:	

72	1 of 2	SSE/62.6	220.5	lot 24 con 4 MARKHAM ON	WWIS
Well ID:	7152463			Lot:	024
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631003			Northing Nad83:	4861907
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	19-AUG-10
Sec. Water Use:				Well Depth:	m
Pump Rate:				Static Water Level:	3.35 m
Flow Rate:				Clear/Cloudy:	
Specific Capacity: Construction Method:				Final Well Status: Flowing (y/n):	Other Status
Elevation (m):	224.23			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock k:	
Water Type:				Casing Material:	
--- Details ---					
Thickness:	m			Original Depth:	m
Material Colour:				Material:	

72	2 of 2	SSE/62.6	220.5	lot 24 con 4 Markham ON	WWIS
Well ID:	7152458			Lot:	024
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631003			Northing Nad83:	4861908
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	19-AUG-10
Sec. Water Use:				Well Depth:	4.26 m
Pump Rate:				Static Water Level:	3.35 m
Flow Rate:				Clear/Cloudy:	
Specific Capacity: Construction Method:				Final Well Status: Flowing (y/n):	Abandoned-Other N
Elevation (m):	224.24			Elevation	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock: Water Type: --- Details --- Thickness: 4.26 m Material Colour:				Reliability: Overburden/Bedrock: Casing Material: Original Depth: 4.26 m Material: GRAVEL	
74	1 of 1	SE/129.2	221.1	lot 24 con 4 MARKHAM ON	WWIS
Well ID: 7152475 Concession: 04 County: YORK Easting Nad83: 631071 Zone: 17 Primary Water Use: Not Used Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Digging Elevation (m): 225.3 Depth to Bedrock: Water Type: --- Details --- Thickness: m Material Colour:				Lot: 024 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) Northing Nad83: 4861907 Utm Reliability: margin of error : 10 - 30 m Construction Date: 21-AUG-10 Well Depth: m Static Water Level: 6.4 m Clear/Cloudy: Final Well Status: Abandoned-Other Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: Original Depth: m Material:	
75	1 of 1	N/75.8	227.8	lot 26 con 4 ON	WWIS
Well ID: 6914070 Concession: 04 County: YORK Easting Nad83: 630854.7 Zone: 17 Primary Water Use: Domestic Sec. Water Use: Pump Rate: 35 GPM Flow Rate: Specific Capacity: Construction Method: Rotary (Convent.) Elevation (m): 238.64 Depth to Bedrock: Water Type: FRESH				Lot: 026 Concession Name: CON Municipality: MARKHAM TOWN (MARKHAM TWP) Northing Nad83: 4862743 Utm Reliability: margin of error : 30 m - 100 m Construction Date: 10-MAY-77 Well Depth: 177 ft Static Water Level: 12 ft Clear/Cloudy: CLEAR Final Well Status: Water Supply Flowing (y/n): N Elevation Reliability: Overburden/Bedrock: Overburden Casing Material:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
--- Details ---					
Thickness:	3 ft			Original Depth:	3 ft
Material Colour:	BLACK			Material:	TOPSOIL
+					
Thickness:	2 ft			Original Depth:	5 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	10 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	18 ft			Original Depth:	28 ft
Material Colour:	GREY			Material:	GRAVEL
+					
Thickness:	143 ft			Original Depth:	171 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL
+					
Thickness:	6 ft			Original Depth:	177 ft
Material Colour:	BROWN			Material:	SAND
76	1 of 1	SSW/180.9	219.1	lot 24 con 3 MARKHAM ON	WWIS
Well ID:	6928086			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630646			Northing Nad83:	4861838
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	20-MAY-04
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:	5 LPM			Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	224.42			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:	FRESH			k:	
				Casing Material:	FRESH, Not stated
79	1 of 1	S/107.6	217.4	lot 24 con 3 MARKHAM ON	WWIS
Well ID:	6928539			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630744			Northing Nad83:	4861723
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	11-AUG-04

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
Sec. Water Use:				Well Depth:	3.6 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	219.73			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	all layers are unknown type
				k:	
				Casing Material:	Not stated
--- Details ---					
Thickness:	3.6 m			Original Depth:	3.6 m
Material Colour:				Material:	
<hr/>					
80	1 of 1	S/44.6	216.9	lot 24 con 3 MARKHAM ON	WWIS
Well ID:	6928466			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630809			Northing Nad83:	4861719
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	11-AUG-04
Sec. Water Use:				Well Depth:	3 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	219.33			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	all layers are unknown type
				k:	
				Casing Material:	Not stated
--- Details ---					
Thickness:	3 m			Original Depth:	3 m
Material Colour:				Material:	
<hr/>					
84	1 of 1	N/4.3	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914448			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630754.7			Northing Nad83:	4862883
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	20-DEC-77
Sec. Water Use:				Well Depth:	220 ft
Pump Rate:	40 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	239.33			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	13 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	19 ft
Material Colour:	GREY			Material:	GRAVEL
+					
Thickness:	100 ft			Original Depth:	119 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	19 ft			Original Depth:	138 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	37 ft			Original Depth:	175 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	4 ft			Original Depth:	179 ft
Material Colour:	GREY			Material:	SAND, STONES
+					
Thickness:	16 ft			Original Depth:	195 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	19 ft			Original Depth:	214 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
+					
Thickness:	6 ft			Original Depth:	220 ft
Material Colour:	BLUE			Material:	CLAY, STONES

85	1 of 1	N/47.3	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914446			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630794.7			Northing Nad83:	4862903
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	23-NOV-77
Sec. Water Use:				Well Depth:	215 ft
Pump Rate:	8 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction	Rotary (Convent.)			Flowing (y/n):	N

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Method:					
Elevation (m):	237.73			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---					
Thickness:	4 ft			Original Depth:	4 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	7 ft			Original Depth:	11 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	2 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	12 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	SAND, COARSE-GRAINED
+					
Thickness:	114 ft			Original Depth:	139 ft
Material Colour:	BROWN			Material:	CLAY, STONES
+					
Thickness:	34 ft			Original Depth:	173 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	9 ft			Original Depth:	182 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	5 ft			Original Depth:	187 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	23 ft			Original Depth:	210 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
+					
Thickness:	5 ft			Original Depth:	215 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
<hr/>					
<u>88</u>	1 of 1	N/70.7	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914447			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630814.7			Northing Nad83:	4862923
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	29-NOV-77
Sec. Water Use:				Well Depth:	215 ft
Pump Rate:	45 GPM			Static Water Level:	25 ft
Flow Rate:				Clear/Cloudy:	CLEAR

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:			Rotary (Convent.) 236.7 FRESH	Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material:	Water Supply N Overburden FRESH
--- Details ---					
Thickness:	8 ft			Original Depth:	8 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	6 ft			Original Depth:	14 ft
Material Colour:	GREY			Material:	GRAVEL
+					
Thickness:	19 ft			Original Depth:	33 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	5 ft			Original Depth:	38 ft
Material Colour:	GREY			Material:	GRAVEL
+					
Thickness:	75 ft			Original Depth:	113 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	16 ft			Original Depth:	129 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	45 ft			Original Depth:	174 ft
Material Colour:	BLUE			Material:	CLAY, DRY
+					
Thickness:	14 ft			Original Depth:	188 ft
Material Colour:	GREY			Material:	SAND, CLAY
+					
Thickness:	4 ft			Original Depth:	192 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	23 ft			Original Depth:	215 ft
Material Colour:	GREY			Material:	SAND, STONES, CLEAN
<hr/>					
89	1 of 1	N/31.4	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914843			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630774.7			Northing Nad83:	4862923
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	22-MAR-78
Sec. Water Use:				Well Depth:	215 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Pump Rate:	50 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	237.82			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				Casing Material:	FRESH
--- Details ---					
Thickness:	6 ft			Original Depth:	6 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	21 ft			Original Depth:	27 ft
Material Colour:	GREY			Material:	STONES
+					
Thickness:	149 ft			Original Depth:	176 ft
Material Colour:	BLUE			Material:	CLAY, STONES, SAND
+					
Thickness:	35 ft			Original Depth:	211 ft
Material Colour:	GREY			Material:	STONES, CLAY, SAND
+					
Thickness:	4 ft			Original Depth:	215 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
90	1 of 1	N/11.9	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914927			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630754.7			Northing Nad83:	4862923
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	29-MAY-78
Sec. Water Use:				Well Depth:	214 ft
Pump Rate:	50 GPM			Static Water Level:	32 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	238.43			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
				Casing Material:	FRESH
--- Details ---					
Thickness:	7 ft			Original Depth:	7 ft
Material Colour:	BROWN			Material:	CLAY
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	6 ft			Original Depth:	13 ft
Material Colour:	GREY			Material:	STONES
+					
Thickness:	154 ft			Original Depth:	167 ft
Material Colour:	BLUE			Material:	CLAY, STONES, SOFT
+					
Thickness:	7 ft			Original Depth:	174 ft
Material Colour:	GREY			Material:	STONES, SAND
+					
Thickness:	7 ft			Original Depth:	181 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
+					
Thickness:	3 ft			Original Depth:	184 ft
Material Colour:	BROWN			Material:	SAND, STONES
+					
Thickness:	5 ft			Original Depth:	189 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	25 ft			Original Depth:	214 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
91	1 of 1	N/15.6	227.8	lot 26 con 4 ON	WWIS
Well ID:	6914842			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630754.7			Northing Nad83:	4862943
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	15-MAR-78
Sec. Water Use:				Well Depth:	215 ft
Pump Rate:	45 GPM			Static Water Level:	30 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	237.94			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	12 ft			Original Depth:	12 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	5 ft			Original Depth:	17 ft
Material Colour:	GREY			Material:	GRAVEL
+					
Thickness:	6 ft			Original Depth:	23 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	4 ft			Original Depth:	27 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
+					
Thickness:	74 ft			Original Depth:	101 ft
Material Colour:	BLUE			Material:	CLAY, STONES, DRY
+					
Thickness:	10 ft			Original Depth:	111 ft
Material Colour:	GREY			Material:	STONES, CLAY, DIRTY
+					
Thickness:	57 ft			Original Depth:	168 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	3 ft			Original Depth:	171 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
+					
Thickness:	8 ft			Original Depth:	179 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	7 ft			Original Depth:	186 ft
Material Colour:	GREY			Material:	STONES, SAND, STONES
+					
Thickness:	4 ft			Original Depth:	190 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	23 ft			Original Depth:	213 ft
Material Colour:	GREY			Material:	STONES, SAND, CLEAN
+					
Thickness:	2 ft			Original Depth:	215 ft
Material Colour:	BLUE			Material:	CLAY, SOFT
<hr/>					
<u>95</u>	1 of 1	SSW/242.1	215.7	Markham ON	WWIS
Well ID:	7181678			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630637			Northing Nad83:	4861573
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring			Construction Date:	26-MAR-12
Sec. Water Use:				Well Depth:	15 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:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	Not stated
--- Details ---					
Thickness:	.2 m			Original Depth:	.2 m
Material Colour:	BROWN			Material:	TOPSOIL, SAND, SILT
+					
Thickness:	4.3 m			Original Depth:	4.5 m
Material Colour:	BROWN			Material:	SILT, SAND, PACKED
+					
Thickness:	10.5 m			Original Depth:	15 m
Material Colour:	BROWN			Material:	SILT, SAND, TILL
97	1 of 1	S/52.1	214.3	lot 24 con 3 ON	WWIS
Well ID:	6903187			Lot:	024
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630838.7			Northing Nad83:	4861534
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Livestock			Construction Date:	30-MAR-56
Sec. Water Use:	Domestic			Well Depth:	150 ft
Pump Rate:	8 GPM			Static Water Level:	
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	Y
Elevation (m):	218.8			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	6 ft			Original Depth:	6 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	10 ft			Original Depth:	16 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	114 ft			Original Depth:	130 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	12 ft			Original Depth:	142 ft
Material Colour:				Material:	HARDPAN
+					
Thickness:	3 ft			Original Depth:	145 ft
Material Colour:				Material:	FINE SAND
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	5 ft			Original Depth:	150 ft
Material Colour:				Material:	MEDIUM SAND
98	1 of 1	SSW/227.8	215.2	Markham ON	WWIS
Well ID:	7181677			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630657			Northing Nad83:	4861546
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring			Construction Date:	26-MAR-12
Sec. Water Use:				Well Depth:	15 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 k:	
Water Type:				Casing Material:	Not stated
--- Details ---					
Thickness:	.2 m			Original Depth:	.2 m
Material Colour:	BROWN			Material:	TOPSOIL, SAND, SILT
+					
Thickness:	4.3 m			Original Depth:	4.5 m
Material Colour:	BROWN			Material:	SILT, SAND, TILL
+					
Thickness:	10.5 m			Original Depth:	15 m
Material Colour:	BROWN			Material:	SILT, SAND, TILL
99	1 of 1	S/151.6	214.0	ON	WWIS
Well ID:	6928769			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630738			Northing Nad83:	4861530
Zone:	17			Utm Reliability:	
Primary Water Use:				Construction Date:	23-FEB-05
Sec. Water Use:				Well Depth:	35 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Test Hole
Construction Method:	Other Method			Flowing (y/n):	
Elevation (m):	221.51			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock	Unknown type in the lower layers(s)

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:				k:	
---				Casing Material:	Not stated
--- Details ---				Original Depth:	15 ft
Thickness:	15 ft			Material:	SAND, GRAVEL
Material Colour:	BROWN				
+				Original Depth:	20 ft
Thickness:	5 ft			Material:	
Material Colour:	BROWN				
+				Original Depth:	35 ft
Thickness:	15 ft			Material:	CLAY, SILTY
Material Colour:	GREY				

100	1 of 1	S/206.5	214.4	lot 23 con 3 MARKHAM ON	WWIS
Well ID:	6928467			Lot:	023
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630686			Northing Nad83:	4861510
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	11-AUG-04
Sec. Water Use:				Well Depth:	12.3 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	222.41			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	all layers are unknown type
Water Type:				k:	
---				Casing Material:	Not stated
--- Details ---				Original Depth:	12.3 m
Thickness:	12.3 m			Material:	
Material Colour:					

102	1 of 1	S/237.5	214.9	Markham ON	WWIS
Well ID:	7181676			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630655			Northing Nad83:	4861507
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Monitoring			Construction Date:	26-MAR-12
Sec. Water Use:				Well Depth:	15 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction	Boring			Flowing (y/n):	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Method:					
Elevation (m):			Elevation Reliability:		
Depth to Bedrock:			Overburden/Bedrock:		
Water Type:			Casing Material:	Not stated	
--- Details ---					
Thickness:	.2 m		Original Depth:	.2 m	
Material Colour:	BROWN		Material:	TOPSOIL, SAND, SILT	
+					
Thickness:	4.3 m		Original Depth:	4.5 m	
Material Colour:	BROWN		Material:	SILT, SAND, TILL	
+					
Thickness:	10.5 m		Original Depth:	15 m	
Material Colour:	BROWN		Material:	SILT, TILL, SAND	
105	1 of 1	NNW/32.2	227.8	lot 27 con 3 ON	WWIS
Well ID:	6908899		Lot:	027	
Concession:	03		Concession Name:	CON	
County:	YORK		Municipality:	MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83:	630554.7		Northing Nad83:	4863043	
Zone:	17		Utm Reliability:	margin of error : 30 m - 100 m	
Primary Water Use:	Domestic		Construction Date:	20-SEP-68	
Sec. Water Use:			Well Depth:	28 ft	
Pump Rate:			Static Water Level:	12 ft	
Flow Rate:			Clear/Cloudy:	CLEAR	
Specific Capacity:			Final Well Status:	Water Supply	
Construction	Boring		Flowing (y/n):	N	
Method:			Elevation Reliability:		
Elevation (m):	242.9		Overburden/Bedrock:	Overburden	
Depth to Bedrock:			Casing Material:	SULPHUR	
Water Type:	FRESH				
--- Details ---					
Thickness:	1 ft		Original Depth:	1 ft	
Material Colour:			Material:	TOPSOIL	
+					
Thickness:	7 ft		Original Depth:	8 ft	
Material Colour:	BROWN		Material:	CLAY	
+					
Thickness:	4 ft		Original Depth:	12 ft	
Material Colour:			Material:	MEDIUM SAND	
+					
Thickness:	10 ft		Original Depth:	22 ft	
Material Colour:			Material:	GRAVEL	
+					
Thickness:	6 ft		Original Depth:	28 ft	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:				Material:	FINE SAND
106	1 of 1	N/32.4	227.8	ON	WWIS
Well ID:	7213920			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630745			Northing Nad83:	4863081
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	
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 k:	
Water Type:				Casing Material:	
107	1 of 1	S/66.1	213.7	lot 23 con 3 ON	WWIS
Well ID:	6908898			Lot:	023
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630834.7			Northing Nad83:	4861483
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Not Used			Construction Date:	15-AUG-68
Sec. Water Use:				Well Depth:	262 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Supply
Construction Method:	Cable Tool			Flowing (y/n):	
Elevation (m):	220			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock k:	Overburden
Water Type:	FRESH			Casing Material:	
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	17 ft			Original Depth:	18 ft
Material Colour:	BROWN			Material:	CLAY, BOULDERS
+					
Thickness:	12 ft			Original Depth:	30 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:	BROWN			Material:	CLAY, MEDIUM SAND
+					
Thickness:	115 ft			Original Depth:	145 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	1 ft			Original Depth:	146 ft
Material Colour:				Material:	MEDIUM SAND, CLAY
+					
Thickness:	102 ft			Original Depth:	248 ft
Material Colour:				Material:	CLAY, STONES
+					
Thickness:	14 ft			Original Depth:	262 ft
Material Colour:				Material:	HARDPAN
108	1 of 1	S/46.5	213.5	lot 23 con 3 ON	WWIS
Well ID:	6908897			Lot:	023
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630854.7			Northing Nad83:	4861483
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Livestock			Construction Date:	28-AUG-68
Sec. Water Use:	Domestic			Well Depth:	154 ft
Pump Rate:	6 GPM			Static Water Level:	-4 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	Y
Elevation (m):	219.23			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	14 ft			Original Depth:	15 ft
Material Colour:	BROWN			Material:	CLAY, BOULDERS
+					
Thickness:	10 ft			Original Depth:	25 ft
Material Colour:	BROWN			Material:	CLAY, MEDIUM SAND
+					
Thickness:	120 ft			Original Depth:	145 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	3 ft			Original Depth:	148 ft
Material Colour:				Material:	FINE SAND

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
<hr/>					
+					
Thickness:	4 ft			Original Depth:	152 ft
Material Colour:				Material:	MEDIUM SAND, GRAVEL, CLAY
+					
Thickness:	2 ft			Original Depth:	154 ft
Material Colour:				Material:	CLAY, GRAVEL
<hr/>					
109	1 of 1	N/21.1	227.8	lot 27 con 4 Markham ON	WWIS
Well ID:	7177598			Lot:	027
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630733			Northing Nad83:	4863084
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:				Construction Date:	22-FEB-12
Sec. Water Use:				Well Depth:	4.6 m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:	FRESH			Casing Material:	Not stated
--- Details ---					
Thickness:	.2 m			Original Depth:	.2 m
Material Colour:	BROWN			Material:	
+					
Thickness:	4.4 m			Original Depth:	4.6 m
Material Colour:	BROWN			Material:	SAND
<hr/>					
110	1 of 1	N/94.1	227.8	ON	WWIS
Well ID:	7193033			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630804			Northing Nad83:	4863101
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Not Used			Construction Date:	14-SEP-12
Sec. Water Use:				Well Depth:	m
Pump Rate:				Static Water Level:	1 m
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Other Method			Flowing (y/n):	N
Elevation (m):				Elevation Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:	Untested			Casing Material:	SULPHUR
--- Details ---					
Thickness:	m			Original Depth:	m
Material Colour:				Material:	
114	1 of 1	SSE/5.3	212.8	lot 23 con 4 ON	WWIS
Well ID:	6914377			Lot:	023
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631034.7			Northing Nad83:	4861443
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	28-NOV-77
Sec. Water Use:				Well Depth:	159 ft
Pump Rate:				Static Water Level:	0 ft
Flow Rate:	5 GPM			Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	Y
Elevation (m):	215.16			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	Not stated			Casing Material:	FRESH
--- Details ---					
Thickness:	24 ft			Original Depth:	24 ft
Material Colour:				Material:	PREVIOUSLY DUG
+					
Thickness:	50 ft			Original Depth:	74 ft
Material Colour:	GREY			Material:	CLAY, GRAVELLY
+					
Thickness:	11 ft			Original Depth:	85 ft
Material Colour:				Material:	HARDPAN, STONES
+					
Thickness:	58 ft			Original Depth:	143 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	13 ft			Original Depth:	156 ft
Material Colour:	GREY			Material:	CLAY, SANDY
+					
Thickness:	3 ft			Original Depth:	159 ft
Material Colour:	BLUE			Material:	SAND
115	1 of 2	NNW/55.9	227.8	lot 27 con 3 VICTORIA SQUARE ON	WWIS

114	erisinfo.com EcoLog ERIS Ltd. 1544413 Woodbine Ave Elgin Mills Rd E Markham ON	Order No: 20160314242
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Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
117	1 of 2	NNW/166.7	227.8	lot 27 con 3 VICTORIA SQUARE ON	WWIS
Well ID:	7132021			Lot:	027
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630402			Northing Nad83:	4863120
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	22-SEP-09
Sec. Water Use:				Well Depth:	ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	245.24			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				k:	
Casing Material:				Original Depth:	ft
--- Details ---				Material:	
Thickness:	ft				
Material Colour:					
117	2 of 2	NNW/166.7	227.8	lot 27 con 3 VICTORIA SQUARE ON	WWIS
Well ID:	7104953			Lot:	027
Concession:	03			Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630402			Northing Nad83:	4863120
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	29-MAR-08
Sec. Water Use:				Well Depth:	30 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction Method:	Rotary (Air)			Flowing (y/n):	
Elevation (m):	245.24			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				k:	
Casing Material:				Original Depth:	5 ft
--- Details ---				Material:	TOPSOIL, STONES, HARD
Thickness:	5 ft				
Material Colour:	BROWN				
+					
Thickness:	25 ft			Original Depth:	30 ft
Material Colour:	BROWN			Material:	FINE SAND, SILT, PACKED

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
118	1 of 2	NNW/168.7	227.8	lot 27 con 3 VICTORIA SQUARE ON	WWIS
Well ID:	7104954			Lot:	027
Concession:	03			Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630400			Northing Nad83:	4863120
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Not Used			Construction Date:	28-MAR-08
Sec. Water Use:				Well Depth:	60 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Observation Wells
Construction Method:	Rotary (Air)			Flowing (y/n):	
Elevation (m):	245.25			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				Casing Material:	FRESH
--- Details ---					
Thickness:	5 ft			Original Depth:	5 ft
Material Colour:	BROWN			Material:	TOPSOIL, STONES, HARD
+					
Thickness:	25 ft			Original Depth:	30 ft
Material Colour:	BLUE			Material:	FINE SAND, SILT, PACKED
+					
Thickness:	25 ft			Original Depth:	55 ft
Material Colour:	GREY			Material:	CLAY, SILT, HARD
+					
Thickness:	5 ft			Original Depth:	60 ft
Material Colour:	BROWN			Material:	FINE SAND, SILT, LOOSE

118	2 of 2	NNW/168.7	227.8	lot 27 con 3 VICTORIA SQUARE ON	WWIS
Well ID:	7132020			Lot:	027
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630400			Northing Nad83:	4863120
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	22-SEP-09
Sec. Water Use:				Well Depth:	ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):	245.25			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Water Type:				k: Casing Material:	FRESH
--- Details ---					
Thickness: ft				Original Depth:	ft
Material Colour:				Material:	
119	1 of 1	NNW/60.9	227.8	lot 27 con 3 Markham ON	WWIS
Well ID:	7159600			Lot:	027
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630499			Northing Nad83:	4863174
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:				Construction Date:	02-OCT-09
Sec. Water Use:				Well Depth:	ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	
--- Details ---				k:	
Thickness: ft				Casing Material:	
Material Colour:				Original Depth:	ft
				Material:	
120	1 of 1	NNW/32.9	227.8	lot 27 con 3 ON	WWIS
Well ID:	6911852			Lot:	027
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630514.7			Northing Nad83:	4863238
Zone:	17			Utm Reliability:	margin of error : 300 m - 1 km
Primary Water Use:	Domestic			Construction Date:	23-NOV-73
Sec. Water Use:				Well Depth:	67 ft
Pump Rate:	25 GPM			Static Water Level:	0 ft
Flow Rate:	4 GPM			Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	Y
Elevation (m):	242.18			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:	FRESH			Overburden/Bedrock:	Overburden
--- Details ---				k:	
				Casing Material:	FRESH

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	20 ft			Original Depth:	20 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	30 ft			Original Depth:	50 ft
Material Colour:	BLUE			Material:	CLAY, STONES
+					
Thickness:	5 ft			Original Depth:	55 ft
Material Colour:				Material:	FINE SAND
+					
Thickness:	3 ft			Original Depth:	58 ft
Material Colour:				Material:	COARSE SAND
+					
Thickness:	9 ft			Original Depth:	67 ft
Material Colour:				Material:	GRAVEL

122	1 of 1	S/5.6	212.8	MARKHAM ON	WWIS
Well ID:	7053703			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630941			Northing Nad83:	4861262
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Monitoring			Construction Date:	15-NOV-07
Sec. Water Use:				Well Depth:	m
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Rotary (Convent.)			Flowing (y/n):	
Elevation (m):	217.72			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
Water Type:				k:	
--- Details ---				Casing Material:	Not stated
Thickness:	m			Original Depth:	m
Material Colour:				Material:	

124	1 of 1	S/247.3	212.8	lot 22 con 3 ON	WWIS
Well ID:	6903186			Lot:	022
Concession:	03			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630699.7			Northing Nad83:	4861236
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Domestic			Construction Date:	07-MAY-54
Sec. Water Use:				Well Depth:	83 ft
Pump Rate:	5 GPM			Static Water Level:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Flow Rate: Specific Capacity: Construction Method: Elevation (m):	Cable Tool 221.49			Clear/Cloudy: Final Well Status: Flowing (y/n):	CLEAR Water Supply Y
Depth to Bedrock:				Elevation Reliability: Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	5 ft			Original Depth:	5 ft
Material Colour:				Material:	TOPSOIL, MEDIUM SAND
+					
Thickness:	5 ft			Original Depth:	10 ft
Material Colour:	YELLOW			Material:	CLAY, STONES
+					
Thickness:	6 ft			Original Depth:	16 ft
Material Colour:				Material:	BOULDERS
+					
Thickness:	31 ft			Original Depth:	47 ft
Material Colour:	GREY			Material:	FINE SAND, CLAY
+					
Thickness:	32 ft			Original Depth:	79 ft
Material Colour:	GREY			Material:	CLAY, STONES
+					
Thickness:	4 ft			Original Depth:	83 ft
Material Colour:				Material:	GRAVEL, COARSE SAND

127	1 of 1	N/1.1	227.8	lot 28 con 4 ON	WWIS
Well ID:	6903391			Lot:	028
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630634.7			Northing Nad83:	4863486
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Commerical			Construction Date:	15-JUL-63
Sec. Water Use:				Well Depth:	87 ft
Pump Rate:	10 GPM			Static Water Level:	1 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Cable Tool			Flowing (y/n):	N
Elevation (m):	236.84			Elevation Reliability: Overburden/Bedrock:	Overburden
Depth to Bedrock:				Casing Material:	FRESH
Water Type:	FRESH				
--- Details ---					
Thickness:	1 ft			Original Depth:	1 ft

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Material Colour:				Material:	TOPSOIL
+					
Thickness:			23 ft	Original Depth:	24 ft
Material Colour:			BROWN	Material:	CLAY, MEDIUM SAND
+					
Thickness:			30 ft	Original Depth:	54 ft
Material Colour:			BLUE	Material:	CLAY, STONES
+					
Thickness:			29 ft	Original Depth:	83 ft
Material Colour:			BLUE	Material:	CLAY
+					
Thickness:			4 ft	Original Depth:	87 ft
Material Colour:				Material:	GRAVEL

131	1 of 1	NNW/45.9	227.8	lot 27 con 3 VICTORIA SQUARE ON	WWIS
Well ID:			7168601	Lot:	027
Concession:			03	Concession Name:	CON
County:			YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:			630422	Northing Nad83:	4863632
Zone:			17	Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	20-JAN-11
Sec. Water Use:				Well Depth:	ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock k:	
Water Type:				Casing Material:	
--- Details ---					
Thickness:			ft	Original Depth:	ft
Material Colour:				Material:	

132	1 of 1	SSE/52.1	208.6	lot 22 con 4 ON	WWIS
Well ID:			6921689	Lot:	022
Concession:			04	Concession Name:	CON
County:			YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:			631185	Northing Nad83:	4860913
Zone:			17	Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:			Not Used	Construction Date:	21-NOV-91
Sec. Water Use:				Well Depth:	265 ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Specific Capacity:				Final Well Status:	Abandoned-Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	
Elevation (m):	208.07			Elevation Reliability:	
Depth to Bedrock:	261			Overburden/Bedrock:	Bedrock
Water Type:				Casing Material:	
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	8 ft			Original Depth:	10 ft
Material Colour:	BROWN			Material:	CLAY, GRAVEL
+					
Thickness:	3 ft			Original Depth:	13 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	21 ft			Original Depth:	34 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL
+					
Thickness:	5 ft			Original Depth:	39 ft
Material Colour:	BROWN			Material:	SAND
+					
Thickness:	49 ft			Original Depth:	88 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL, HARD
+					
Thickness:	54 ft			Original Depth:	142 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL, SOFT
+					
Thickness:	28 ft			Original Depth:	170 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	11 ft			Original Depth:	181 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	46 ft			Original Depth:	227 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL
+					
Thickness:	34 ft			Original Depth:	261 ft
Material Colour:	BLUE			Material:	CLAY, SAND
+					
Thickness:	4 ft			Original Depth:	265 ft
Material Colour:	BLUE			Material:	SHALE
134	1 of 1	SSE/190.4	207.7	lot 22 con 4 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Well ID:	6921687			Lot:	022
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631320			Northing Nad83:	4860943
Zone:	17			Utm Reliability:	margin of error : 30 m - 100 m
Primary Water Use:	Domestic			Construction Date:	25-NOV-91
Sec. Water Use:				Well Depth:	159 ft
Pump Rate:	8 GPM			Static Water Level:	9 ft
Flow Rate:				Clear/Cloudy:	CLOUDY
Specific Capacity:				Final Well Status:	Water Supply
Construction Method:	Rotary (Convent.)			Flowing (y/n):	N
Elevation (m):	209.95			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	Overburden
Water Type:	FRESH			Casing Material:	FRESH
--- Details ---					
Thickness:	2 ft			Original Depth:	2 ft
Material Colour:				Material:	TOPSOIL
+					
Thickness:	7 ft			Original Depth:	9 ft
Material Colour:	BROWN			Material:	CLAY
+					
Thickness:	12 ft			Original Depth:	21 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	11 ft			Original Depth:	32 ft
Material Colour:				Material:	SAND, GRAVEL
+					
Thickness:	15 ft			Original Depth:	47 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL
+					
Thickness:	42 ft			Original Depth:	89 ft
Material Colour:	BLUE			Material:	CLAY, HARD
+					
Thickness:	47 ft			Original Depth:	136 ft
Material Colour:	BLUE			Material:	CLAY, GRAVEL, SOFT
+					
Thickness:	23 ft			Original Depth:	159 ft
Material Colour:	GREY			Material:	SAND

140	1 of 1	SSE/158.6	207.0	lot 21 con 4 ON	WWIS
Well ID:	6916407			Lot:	021
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631314.7			Northing Nad83:	4860803

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Zone: Primary Water Use: Sec. Water Use: Pump Rate: Flow Rate: Specific Capacity: Construction Method: Elevation (m): Depth to Bedrock: Water Type:	17 Domestic 15 GPM Rotary (Convent.) 208.51			Utm Reliability: Construction Date: Well Depth: Static Water Level: Clear/Cloudy: Final Well Status: Flowing (y/n): Elevation Reliability: Overburden/Bedrock: Casing Material: Original Depth: Material: Original Depth: Material: Original Depth: Material: Original Depth: Material: Original Depth: Material:	margin of error : 30 m - 100 m 18-OCT-82 143 ft 25 ft CLEAR Water Supply N Overburden FRESH 21 ft CLAY, SAND 44 ft CLAY, STONES 97 ft CLAY, SILT 137 ft CLAY, SAND, STONES 143 ft SAND, STONES
--- Details ---					
Thickness: Material Colour: + Thickness: Material Colour: + Thickness: Material Colour: + Thickness: Material Colour: + Thickness: Material Colour:	21 ft BROWN 23 ft BLUE 53 ft BLUE 40 ft BLUE 6 ft GREY				
141	1 of 1	SSE/83.7	206.1	lot 21 con 4 ON	WWIS
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:	6926341 04 YORK 631243.9 17 Not Used Digging 207.73			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:	021 CON MARKHAM TOWN (MARKHAM TWP) 4860775 margin of error : 100 m - 300 m 02-APR-02 Abandoned-Other No formation data

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
142	1 of 1	SSE/59.9	205.8	lot 21 con 4 ON	WWIS
Well ID:	6926476			Lot:	021
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631212.9			Northing Nad83:	4860681
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Not Used			Construction Date:	29-MAY-02
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Digging			Flowing (y/n):	
Elevation (m):	207.01			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:				Casing Material:	
143	1 of 1	SSE/102.0	205.9	lot 21 con 4 ON	WWIS
Well ID:	6926342			Lot:	021
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631262.9			Northing Nad83:	4860682
Zone:	17			Utm Reliability:	margin of error : 100 m - 300 m
Primary Water Use:	Not Used			Construction Date:	02-APR-02
Sec. Water Use:				Well Depth:	
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:	Digging			Flowing (y/n):	
Elevation (m):	207.19			Elevation Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	No formation data
Water Type:				Casing Material:	
144	1 of 1	S/124.7	206.0	Markham ON	WWIS
Well ID:	7105073			Lot:	
Concession:				Concession Name:	
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	631051			Northing Nad83:	4860574
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Other			Construction Date:	24-MAR-08
Sec. Water Use:				Well Depth:	m

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
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):	206.13			Elevation	
Depth to Bedrock:				Reliability:	
Water Type:				Overburden/Bedrock:	
---				k:	
Details ---				Casing Material:	
Thickness:	m			Original Depth:	m
Material Colour:				Material:	

145	1 of 1	NNW/245.3	228.8	lot 26 con 4 VICTORIA SQUARE ON	WWIS
Well ID:	7169253			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630445			Northing Nad83:	4863992
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:				Construction Date:	06-SEP-11
Sec. Water Use:				Well Depth:	ft
Pump Rate:				Static Water Level:	
Flow Rate:				Clear/Cloudy:	
Specific Capacity:				Final Well Status:	Abandoned-Other
Construction Method:				Flowing (y/n):	
Elevation (m):				Elevation	
				Reliability:	
Depth to Bedrock:				Overburden/Bedrock:	
				k:	
Water Type:				Casing Material:	
--- Details ---					
Thickness:	ft			Original Depth:	ft
Material Colour:				Material:	

146	1 of 1	NNW/248.8	228.9	lot 26 con 4 VICTORIA SQUARE ON	WWIS
Well ID:	7172697			Lot:	026
Concession:	04			Concession Name:	CON
County:	YORK			Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:	630457			Northing Nad83:	4863999
Zone:	17			Utm Reliability:	margin of error : 10 - 30 m
Primary Water Use:	Domestic			Construction Date:	09-NOV-11
Sec. Water Use:				Well Depth:	195 ft
Pump Rate:	15 GPM			Static Water Level:	35 ft
Flow Rate:				Clear/Cloudy:	CLEAR
Specific Capacity:				Final Well Status:	Water Supply
Construction	Rotary (Air)			Flowing (y/n):	

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Method:					
Elevation (m):			Elevation Reliability:		
Depth to Bedrock:			Overburden/Bedrock:		
Water Type:	Untested		Casing Material:	FRESH	
--- Details ---					
Thickness:	17 ft		Original Depth:	17 ft	
Material Colour:	BROWN		Material:	CLAY, STONES, DENSE	
+					
Thickness:	28 ft		Original Depth:	45 ft	
Material Colour:	BROWN		Material:	SAND, SILT, LOOSE	
+					
Thickness:	103 ft		Original Depth:	148 ft	
Material Colour:	GREY		Material:	CLAY, SILT, HARD	
+					
Thickness:	32 ft		Original Depth:	180 ft	
Material Colour:	GREY		Material:	CLAY, STONES, DENSE	
+					
Thickness:	15 ft		Original Depth:	195 ft	
Material Colour:	GREY		Material:	GRAVEL, COARSE SAND, COARSE-GRAINED	
147	1 of 1	S/199.8	206.0	lot 21 con 3 ON	WWIS
Well ID:	6903179		Lot:	021	
Concession:	03		Concession Name:	CON	
County:	YORK		Municipality:	MARKHAM TOWN (MARKHAM TWP)	
Easting Nad83:	631058.7		Northing Nad83:	4860499	
Zone:	17		Utm Reliability:	margin of error : 100 m - 300 m	
Primary Water Use:	Domestic		Construction Date:	25-OCT-62	
Sec. Water Use:			Well Depth:	32 ft	
Pump Rate:			Static Water Level:	12 ft	
Flow Rate:			Clear/Cloudy:	CLEAR	
Specific Capacity:			Final Well Status:	Water Supply	
Construction Method:	Boring		Flowing (y/n):	N	
Elevation (m):	206.48		Elevation Reliability:		
Depth to Bedrock:			Overburden/Bedrock:	Overburden	
Water Type:	FRESH		Casing Material:	SULPHUR	
--- Details ---					
Thickness:	1 ft		Original Depth:	1 ft	
Material Colour:			Material:	TOPSOIL	
+					
Thickness:	11 ft		Original Depth:	12 ft	
Material Colour:	YELLOW		Material:	CLAY	
+					

Map Key	Number of Records	Direction/ Distance (m)	Elevation (m)	Site	DB
Thickness:	19 ft			Original Depth:	31 ft
Material Colour:	BLUE			Material:	CLAY
+					
Thickness:	1 ft			Original Depth:	32 ft
Material Colour:	BLUE			Material:	MEDIUM SAND
148	1 of 2	S/217.1	204.6	BUDGET RENT A CAR WOODBINE AVE SOUTH FROM MAJOR MACKENZIE TO 14TH AVENUE. MOTOR VEHICLE (OPERATING FLUID) MARKHAM TOWN ON	SPL
Ref NO:	129763				
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:	UNKNOWN				
Incident Dt:	7/28/1996				
Incident Reason:	UNKNOWN				
Incident Summary:	BUDGET RENTAL TRUCK-	DIESEL TO HIGHWAY FROM	LEAKING FUEL SYSTEM.		
MOE Reported Dt:	7/28/1996				
Environmental Impact:	NOT ANTICIPATED				
Nature of Impact:					
Receiving Medium:	LAND				
SAC Action Class:					
Sector Source Type:					
Site Municipality:	27402				
148	2 of 2	S/217.1	204.6	UNKNOWN MAJOR MACKENZIE AND WOODBINE MARKHAM TOWN ON	SPL
Ref NO:	26161				
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:	UNKNOWN				
Incident Dt:	10/4/1989				
Incident Reason:	UNKNOWN				
Incident Summary:	25 L DIESEL FUEL SPILLED TO ROAD.				
MOE Reported Dt:	10/4/1989				
Environmental Impact:					
Nature of Impact:					
Receiving Medium:	LAND				
SAC Action Class:					
Sector Source Type:					
Site Municipality:	27402				
149	1 of 1	S/231.8	204.5	SAND LEE TOPSOIL & GARDEN SUPP S.W. CORNER OF WOODBINE & MAJOR MACKENZIE MARKHAM TOWN ON	SPL

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elevation (m)</i>	<i>Site</i>	<i>DB</i>
Ref NO:		98477			
Contaminant Code:					
Contaminant Name:					
Contaminant Quantity:					
Incident Cause:		OTHER CONTAINER LEAK			
Incident Dt:		4/11/1994			
Incident Reason:		NEGLIGENCE (APPARENT)			
Incident Summary:		SAND LEE TOPSOIL & GARDENSUPPLIES: LEAKING DRUMS & TRUCK ON-SITE.			
MOE Reported Dt:		4/11/1994			
Environmental Impact:		POSSIBLE			
Nature of Impact:		Soil contamination			
Receiving Medium:		LAND			
SAC Action Class:					
Sector Source Type:					
Site Municipality:		27402			

Unplottable Summary

Total: **19** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
SPL	Kapp Construction Ltd.	Major MacKenzie Drive (general)	Markham ON	
SPL	Kapp Construction Ltd.	Major MacKenzie Drive (general)	Markham ON	
SPL	Toronto Transit Commission	Major Mackenzie Drive	Markham ON	
SPL	Kapp Construction Ltd.	Major Mackenzie Drive	Markham ON	
SPL	Enbridge Gas Distribution Inc.	Quinton Dr. (new road) and Murison Blvd.	Markham ON	
SPL	CONSUMERS' GAS CO. LTD., THE	WOODBINE AVENUE, SOUTH OF 16TH AVENUE NATURAL GAS PIPELINE	MARKHAM TOWN ON	
SPL	Henry's Trucking	Elgin Mills Road East (APPROX 100 FEET WEST OF YORK DURHAM TOWNLINE 30 ON SOUTH SIDE)<UNOFFICIAL>	Markham ON	
SPL	The Regional Municipality of York	Woodbine Avenue WOODBINE AVENUE (GENERAL)	Markham ON	
SPL	York Region Transit	at Woodbine ave SE Corner	Markham ON	
SPL	TOP VALUE MART	WOODBINE AVENUE NORTH OF HWY. #7, WEST SIDE OF WOODBINE. SERVICE STATION	MARKHAM TOWN ON	
SPL	Enbridge Gas Distribution	Woodbine Bypass and High ST	Markham ON	
SPL	ANDERSON HAULAGE	ELGIN MILLS RD. TRANSPORT TRUCK (CARGO)	YORK R.M. ON	
SPL	Miller Waste Systems Inc.	ON ELGIN MILLS RD., BETWEEN KENNEDY RD AND WARDEN RD.<UNOFFICIAL>	Markham ON	
SPL		Major MacKenzie Drive (general)	Markham ON	
SPL	Powerstream Inc.	Major MacKenzie Drive (general)	Markham ON	

SPL	Woodbine Ave WOODBINE AVENUE (GENERAL)	Markham ON
WWIS	lot 24 con 3	MARKHAM ON
WWIS	lot 24 con 3	MARKHAM ON
WWIS	lot 24 con 3	MARKHAM ON

Unplottable Report

Site: Kapp Construction Ltd.
Major MacKenzie Drive (general) Markham ON

Database:
SPL

Ref NO: 7685-7DB4QQ
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Dt:
Incident Reason: Spill
Incident Summary: York Region/Kapp Const - oil from overturn crane near creek
MOE Reported Dt: 4/1/2008
Environmental Impact: Possible
Nature of Impact: Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Other
Site Municipality: Markham

Site: Kapp Construction Ltd.
Major MacKenzie Drive (general) Markham ON

Database:
SPL

Ref NO: 0243-7D3L8Q
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity: other - see incident description
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Dt:
Incident Reason: Spill
Incident Summary: York Region/Kapp Const - oil from overturn crane near creek
MOE Reported Dt: 3/25/2008
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Other
Site Municipality: Markham

Site: Toronto Transit Commission
Major Mackenzie Drive Markham ON

Database:
SPL

Ref NO: 4340-8XPMJJ
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Quantity: 30 L
Incident Cause:
Incident Dt: 31-AUG-12
Incident Reason:

Incident Summary: TTC: 30 L oil to grnd, cleaned
MOE Reported Dt: 31-AUG-12
Environmental Impact: Confirmed
Nature of Impact:
Receiving Medium:
SAC Action Class: Land Spills
Sector Source Type:
Site Municipality: Markham

Site: **Kapp Construction Ltd.**
Major Mackenzie Drive Markham ON

Database:
SPL

Ref NO: 3848-7DKTVY
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity:
Incident Cause:
Incident Dt:
Incident Reason:
Incident Summary: York Region/Kapp Const - oil from overturn crane near creek
MOE Reported Dt: 4/10/2008
Environmental Impact: Possible
Nature of Impact: Surface Water Pollution
Receiving Medium:
SAC Action Class: Watercourse Spills
Sector Source Type: Other Motor Vehicle
Site Municipality: Markham

Site: **Enbridge Gas Distribution Inc.**
Quinton Dr. (new road) and Murison Blvd. Markham ON

Database:
SPL

Ref NO: 2374-8W4NXT
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Quantity:
Incident Cause:
Incident Dt: 11-JUL-12
Incident Reason:
Incident Summary: TSSA FSB: 1 1/4" plastic main strike to atm., no gas release
MOE Reported Dt: 11-JUL-12
Environmental Impact: Not Anticipated
Nature of Impact:
Receiving Medium: Sewage - Municipal/Private and Commercial
SAC Action Class: TSSA - Fuel Safety Branch - NO Hydrocarbon Fuel Release/Spill
Sector Source Type:
Site Municipality: Markham

Site: **CONSUMERS' GAS CO. LTD., THE**
WOODBINE AVENUE, SOUTH OF 16TH AVENUE NATURAL GAS PIPELINE MARKHAM TOWN ON

Database:
SPL

Ref NO: 92795
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK

Incident Dt: 10/27/1993
Incident Reason: DAMAGE BY MOVING EQUIPMENT
Incident Summary: CONSUMERS' GAS - NATURAL GAS TO AIR FROM MAIN DAMAGED BY CONTRACTOR
MOE Reported Dt: 10/27/1993
Environmental Impact: POSSIBLE
Nature of Impact: Air Pollution
Receiving Medium: AIR
SAC Action Class:
Sector Source Type:
Site Municipality: 27402

Site: **Henry's Trucking**
Elgin Mills Road East (APPROX 100 FEET WEST OF YORK DURHAM TOWNLINE 30 ON SOUTH
SIDE)<UNOFFICIAL> Markham ON

Database:
SPL

Ref NO: 4270-62MMKH
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 30 L
Incident Cause: Overturn - Truck Or Trailer
Incident Dt: 7/6/2004
Incident Reason: Other - Reason not otherwise defined
Incident Summary: Henry Trucking: rollover;30L hydr.oil to ditch
MOE Reported Dt: 7/6/2004
Environmental Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class: Spill to Land
Sector Source Type: Other Motor Vehicle
Site Municipality: Markham

Site: **The Regional Municipality of York**
Woodbine Avenue WOODBINE AVENUE (GENERAL) Markham ON

Database:
SPL

Ref NO: 1171-6PTKP8
Contaminant Code: 27
Contaminant Name: PAINT OR PAINT-RELATED
Contaminant Quantity: 1 L
Incident Cause: Unknown
Incident Dt: 5/15/2006
Incident Reason: Other - Reason not otherwise defined
Incident Summary: Maj Mac and Woodbine - paint discharge to storm pond
MOE Reported Dt: 5/15/2006
Environmental Impact: Confirmed
Nature of Impact: Surface Water Pollution
Receiving Medium: Water
SAC Action Class:
Sector Source Type: Unknown
Site Municipality: Markham

Site: **York Region Transit**
at Woodbine ave SE Corner Markham ON

Database:
SPL

Ref NO: 7101-8JQMY2
Contaminant Code: 24

Contaminant Name: GLYCOL/WATER SOLUTION
Contaminant Quantity: 20 L
Incident Cause: Pipe Or Hose Leak
Incident Dt: 7/13/2011
Incident Reason: Equipment Failure
Incident Summary: York Region Bus: 20L Glycol to grnd
MOE Reported Dt: 7/13/2011
Environmental Impact: Not Anticipated
Nature of Impact:
Receiving Medium:
SAC Action Class: Land Spills
Sector Source Type: Motor Vehicle
Site Municipality: Markham

Site: **TOP VALUE MART**
WOODBINE AVENUE NORTH OF HWY. #7, WEST SIDE OF WOODBINE. SERVICE STATION
MARKHAM TOWN ON

Database:
SPL

Ref NO: 28996
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: CONTAINER OVERFLOW
Incident Dt: 12/14/1989
Incident Reason: ERROR
Incident Summary: TOP VALUE MART- 2000 LTR OF DIESEL FUEL TO GROUND WHILE TAKING DELIVERY
MOE Reported Dt: 12/18/1989
Environmental Impact:
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 27402

Site: **Enbridge Gas Distribution**
Woodbine Bypass and High ST Markham ON

Database:
SPL

Ref NO: 5172-935R43
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Quantity: 0 other - see incident description
Incident Cause: Leak/Break
Incident Dt: 19-DEC-12
Incident Reason: Other
Incident Summary: TSSA: Service damage Markham
MOE Reported Dt: 19-DEC-12
Environmental Impact: Confirmed
Nature of Impact: Air Pollution
Receiving Medium:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Sector Source Type: Pipeline/Components
Site Municipality: Markham

Site: **ANDERSON HAULAGE**
ELGIN MILLS RD. TRANSPORT TRUCK (CARGO) YORK R.M. ON

Database:
SPL

Ref NO: 17732
Contaminant Code:
Contaminant Name:
Contaminant Quantity:
Incident Cause: PIPE/HOSE LEAK
Incident Dt: 4/27/1989
Incident Reason: OTHER
Incident Summary: HYDRAULIC OIL TO ROADWAY FROM ANDERSON HAULAGE TRUCK, CAUSED CAR ACCID'T
MOE Reported Dt: 4/27/1989
Environmental Impact: NOT ANTICIPATED
Nature of Impact:
Receiving Medium: LAND
SAC Action Class:
Sector Source Type:
Site Municipality: 27000

Site: *Miller Waste Systems Inc.
ON ELGIN MILLS RD., BETWEEN KENNEDY RD AND WARDEN RD.<UNOFFICIAL> Markham ON*

Database:
SPL

Ref NO: 3481-5UCRQJ
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Quantity: 90 L
Incident Cause: Other Transport Accident
Incident Dt: 12/18/2003
Incident Reason: Error- Operator error
Incident Summary: Miller Waste Sys.,90 L diesel to ditch/rd,clning
MOE Reported Dt: 12/18/2003
Environmental Impact: Possible
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class: Spill to Land
Sector Source Type: Transport Truck
Site Municipality: Markham

Site: *Major MacKenzie Drive (general) Markham ON*

Database:
SPL

Ref NO: 7486-75HJV8
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 30 L
Incident Cause: Other Discharges
Incident Dt:
Incident Reason:
Incident Summary: MVA: Car and Dump truck, 20-30 L Hyd. Oil to RD.
MOE Reported Dt: 7/27/2007
Environmental Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other Motor Vehicle
Site Municipality: Markham

Site: *Powerstream Inc.
Major MacKenzie Drive (general) Markham ON*

Database:
SPL

Ref NO: 6737-74DS7M
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Quantity: 90 L
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Dt:
Incident Reason: Error- Operator error
Incident Summary: Powerstream - 90L of mineral oil to CB & ditch
MOE Reported Dt: 6/21/2007
Environmental Impact: Confirmed
Nature of Impact: Other Impact(s); Soil Contamination; Surface Water Pollution
Receiving Medium: Land & Water
SAC Action Class:
Sector Source Type: Transformer
Site Municipality: Markham

Site: *Woodbine Ave WOODBINE AVENUE (GENERAL) Markham ON*

Database:
SPL

Ref NO: 1436-6VZTE8
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Quantity: 4 L
Incident Cause: Unknown
Incident Dt: 11/29/2006
Incident Reason: Unknown - Reason not determined
Incident Summary: Woodbine Ave - <4L Hydraulic fluid to road; no sewers
MOE Reported Dt: 11/29/2006
Environmental Impact: Possible
Nature of Impact: Other Impact(s); Soil Contamination
Receiving Medium: Land
SAC Action Class:
Sector Source Type: Other
Site Municipality: Markham

Site: *lot 24 con 3 MARKHAM ON*

Database:
WWIS

Well ID:	6928535	Lot:	024
Concession:	03	Concession Name:	CON
County:	YORK	Municipality:	MARKHAM TOWN (MARKHAM TWP)
Easting Nad83:		Northing Nad83:	
Zone:		Utm Reliability:	unknown UTM
Primary Water Use:		Construction Date:	11-AUG-04
Sec. Water Use:		Well Depth:	3.76 m
Pump Rate:		Static Water Level:	
Flow Rate:		Clear/Cloudy:	
Specific Capacity:		Final Well Status:	Abandoned-Other
Construction Method:		Flowing (y/n):	
Elevation (m):		Elevation Reliability:	
Depth to Bedrock:		Overburden/Bedroc	all layers are unknown type

Water Type:
--- Details ---
Thickness: 3.76 m
Material Colour:

k:
Casing Material: Not stated

Original Depth: 3.76 m
Material:

Site:
lot 24 con 3 MARKHAM ON

Database:
WWIS

Well ID: 6928538
Concession: 03
County: YORK

Lot: 024
Concession Name: CON
Municipality: MARKHAM TOWN (MARKHAM TWP)

Easting Nad83:
Zone:
Primary Water Use:
Sec. Water Use:
Pump Rate:
Flow Rate:
Specific Capacity:
Construction Method:
Elevation (m):
Depth to Bedrock:

Northing Nad83:
Utm Reliability: unknown UTM
Construction Date: 11-AUG-04
Well Depth: 3.4 m
Static Water Level:
Clear/Cloudy:
Final Well Status: Abandoned-Other
Flowing (y/n):

Elevation Reliability:
Overburden/Bedrock: all layers are unknown type
k:
Casing Material: Not stated

--- Details ---
Thickness: 3.4 m
Material Colour:

Original Depth: 3.4 m
Material:

Site:
lot 24 con 3 MARKHAM ON

Database:
WWIS

Well ID: 6928694
Concession: 03
County: YORK

Lot: 024
Concession Name:
Municipality: MARKHAM TOWN (MARKHAM TWP)

Easting Nad83:
Zone:
Primary Water Use: Not Used
Sec. Water Use:
Pump Rate:
Flow Rate:
Specific Capacity:
Construction Method:
Elevation (m):
Depth to Bedrock:

Northing Nad83:
Utm Reliability:
Construction Date: 27-APR-04
Well Depth:
Static Water Level: 2.13 m
Clear/Cloudy:
Final Well Status: Abandoned-Other
Flowing (y/n):

Elevation Reliability:
Overburden/Bedrock: No formation data
k:
Casing Material: FRESH

Water Type:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

*Government Publication Date: Sept 2002**

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Mar 2015

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2014

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 2001-Jul 2014

Borehole:Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:Provincial [CA](#)

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

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

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

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

Government Publication Date: 1948-Dec 2015

Chemical Register:Private [CHEM](#)

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

Government Publication Date: 1992, 1999-Jul 2014

Inventory of Coal Gasification Plants and Coal Tar Sites:Provincial [COAL](#)

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

*Government Publication Date: Apr 1987 and Nov 1988**

Compliance and Convictions:Provincial [CONV](#)

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

Government Publication Date: 1989-Feb 2014

Certificates of Property Use:Provincial [CPU](#)

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

Government Publication Date: 1994-Jan 2016

Drill Hole Database:Provincial [DRL](#)

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

Government Publication Date: 1886-Jun 2014

Environmental Activity and Sector Registry:Provincial [EASR](#)

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

Government Publication Date: Oct 31 2011-Oct 2015

Environmental Registry:Provincial [EBR](#)

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

Government Publication Date: 1994-Jan 2016

Environmental Compliance Approval:Provincial [ECA](#)

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

Government Publication Date: Oct 31, 2011-Jun 2015

Environmental Effects Monitoring:Federal [EEM](#)

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

*Government Publication Date: 1992-2007**

ERIS Historical Searches:Private [EHS](#)

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

Government Publication Date: 1999-Aug 2014

Environmental Issues Inventory System:

Federal 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.

*Government Publication Date: 1992-2001**

Emergency Management Historical Event:

Provincial EMHE

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

Government Publication Date: May 31, 2014

List of TSSA Expired Facilities:

Provincial EXP

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

Government Publication Date: Current to Nov 2015

Federal Convictions:

Federal FCON

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

*Government Publication Date: 1988-Jun 2007**

Contaminated Sites on Federal Land:

Federal FCS

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

Government Publication Date: June 2000-Oct 2015

Fisheries & Oceans Fuel Tanks:

Federal FOFT

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

Government Publication Date: 1964-Sept 2003

Fuel Storage Tank:

Provincial FST

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

Government Publication Date: 2010-Nov 2015

Fuel Storage Tank - Historic:Provincial **FSTH**

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

*Government Publication Date: Pre-Jan 2010**

Ontario Regulation 347 Waste Generators Summary:Provincial **GEN**

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

Government Publication Date: 1986-May 2015

TSSA Historic Incidents:Provincial **HINC**

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

*Government Publication Date: 2006-June 2009**

Indian & Northern Affairs Fuel Tanks:Federal **IAFT**

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

*Government Publication Date: 1950-Aug 2003**

TSSA Incidents:Provincial **INC**

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

Government Publication Date: June 2009 - Nov 2015

Landfill Inventory Management Ontario:Provincial [LIMO](#)

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

*Government Publication Date: 2012***Canadian Mine Locations:**Private [MINE](#)

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

*Government Publication Date: 1998-2009****Mineral Occurrences:**Provincial [MNR](#)

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

*Government Publication Date: 1846-Apr 2013***National Analysis of Trends in Emergencies System (NATES):**Federal [NATE](#)

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

*Government Publication Date: 1974-1994****Non-Compliance Reports:**Provincial [NCPL](#)

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

*Government Publication Date: 1994-2013***National Defence & Canadian Forces Fuel Tanks:**Federal [NDFT](#)

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

*Government Publication Date: Up to May 2001**

National Defence & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

*Government Publication Date: 2001-Apr 2007**

National Environmental Emergencies System (NEES):

Federal

NEES

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

*Government Publication Date: 1974-2003**

National PCB Inventory:

Federal

NPCB

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

*Government Publication Date: 1988-2008**

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-2013

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-2015

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Aug 2015

Inventory of PCB Storage Sites:Provincial [OPCB](#)

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

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

Orders:Provincial [ORD](#)

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

Government Publication Date: 1994-Jan 2016

Canadian Pulp and Paper:Private [PAP](#)

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

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

Parks Canada Fuel Storage Tanks:Federal [PCFT](#)

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

*Government Publication Date: 1920-Jan 2005**

Pesticide Register:Provincial [PES](#)

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

Government Publication Date: 1988-Jun 2013

TSSA Pipeline Incidents:Provincial [PINC](#)

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

Government Publication Date: June 2009-2014

Private and Retail Fuel Storage Tanks:Provincial [PRT](#)

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

*Government Publication Date: 1989-1996**

Permit to Take Water:Provincial [PTTW](#)

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

Government Publication Date: 1994-Jan 2016

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2013

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2016

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory:

Private SCT

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

*Government Publication Date: 1992-Mar 2011**

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Jun 2015

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-2013

Anderson's Storage Tanks:

Private TANK

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

*Government Publication Date: 1915-1953**

Transport Canada Fuel Storage Tanks:Federal [TCFT](#)

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

Government Publication Date: 1970-Mar 2007

TSSA Variances for Abandonment of Underground Storage Tanks:Provincial [VAR](#)

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

Government Publication Date: Current to Nov 2015

Waste Disposal Sites - MOE CA Inventory:Provincial [WDS](#)

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

Government Publication Date: 1970-Jun 2015

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:Provincial [WDSH](#)

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

*Government Publication Date: Up to Oct 1990**

Water Well Information System:Provincial [WWIS](#)

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

Government Publication Date: 1955-Mar 2014

Definitions

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

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

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

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

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

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

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

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

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

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

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

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



**CONTAMINATION OVERVIEW STUDY, VICTORIA SQUARE
BOULEVARD CLASS EA BETWEEN NORTH AND SOUTH
CONNECTIONS TO WOODBINE AVENUE, CITY OF MARKHAM,
ONTARIO**

APPENDIX D

Site Photos



Photo 1 – Property ID 1 – 10137 Victoria Square Boulevard – Victoria Square Montessori School looking east.



Photo 2 – Property ID 2 – 10165 Victoria Square Boulevard – Possible former vehicle maintenance, looking east. Note large vent stack on the east side of the barn.

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YYYY-MM-DD 2016-07-13

TAKEN BY SMF

CHECKED BY CLG

PROJECT

Contamination Overview Study

TITLE

Photographic Record

PROJECT No. 1544413

FIGURE

3-1



Photo 3 – Property ID 3 – 10350 Victoria Square Boulevard – Cathedral of Transfiguration, looking west.



Photo 4 – Property ID 4 – 160 Hazelton Avenue – Sir Wilfred Laurier Public School, looking east.

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PROJECT

Contamination Overview Study

TITLE

Photographic Record

PROJECT No. 1544413

FIGURE

3-2



Photo 5 – Property ID 5 – 10720 Victoria Square Boulevard – Victoria Square United Church, looking southwest.



Photo 6 – Property ID 6 – 2929 Elgin Mills Road East – Victoria Square Park Community Centre, looking south.

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PROJECT

Contamination Overview Study

TITLE

Photographic Record

PROJECT No. 1544413

FIGURE

3-3



Photo 7 – Property ID 7 – Northeast corner of Elgin Mills Road East and Victoria Square Boulevard, looking northwest. Possible former vehicle maintenance.



Photo 8 – Property ID 8 – 10764 Victoria Square Boulevard – Garage – Possible former vehicle maintenance, looking southwest.

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Contamination Overview Study

TITLE

Photographic Record

PROJECT No. 1544413

FIGURE

3-4



Photo 9 – Property ID 9 – 10768 Victoria Square Boulevard, looking west. Possible former industrial use.



Photo 10 – Property ID 10 – 10975 Victoria Square Boulevard – Residential with multiple monitoring well locations – Possible fuel spill.

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PROJECT

Contamination Overview Study

TITLE

Photographic Record

PROJECT No. 1544413

FIGURE

3-5



Photo 11 – Property ID 11 – 10988 Victoria Square Boulevard, looking east. Construction staging area. Equipment storage, possible vehicle maintenance and fuel use and storage. A 1.5 storey garage with two bay doors. Monitoring well present.



Photo 12 – Property ID 12 – 11087 Victoria Square Boulevard – Race Trac Gas Station and J&S Mechanical Services – Vehicle maintenance and fuel use and storage.

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PROJECT

Contamination Overview Study

TITLE

Photographic Record

PROJECT No. 1544413

FIGURE

3-6

As a global, employee-owned organisation with over 50 years of experience, Golder Associates is driven by our purpose to engineer earth's development while preserving earth's integrity. We deliver solutions that help our clients achieve their sustainable development goals by providing a wide range of independent consulting, design and construction services in our specialist areas of earth, environment and energy.

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