



THURBER ENGINEERING LTD.

**CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS
ENVIRONMENTAL ASSESSMENT STUDY
MARKHAM, REGION OF YORK**

Report

to

CIMA+

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EXECUTIVE SUMMARY

Thurber Engineering Ltd. (Thurber) was retained by CIMA+ to prepare a Contamination Overview Study (COS) in support of the Highway 404 North Collector Roads Environmental Assessment (EA) Study being undertaken for the City of Markham. The EA Study is being completed to confirm the final alignment of new north-south and east-west collector roads in the Highway 404 North Planning District in Markham, Ontario.

For the purpose of this COS, the “Site” consists of a network of linear sections of land that are aligned in north-south and east-west directions (i.e. “Site Alignments”) within an area that is generally used for agricultural, parkland, commercial/industrial or community purposes. The proposed road alignments exist within a block of land that extends from approximately 400 m north of 19th Avenue to the south at the intersection of Woodbine Avenue and Victoria Square Boulevard, and between approximately 300 m east of Highway 404 and 200 m east of Woodbine Avenue.

The purpose of the COS was to identify evidence of actual and/or potential contamination along the Site Alignments and at adjacent properties within the Study Area which may pose implications on the management of materials generated during the proposed construction works.

The Study Area for the COS was considered to include surrounding properties within a 250 m buffer from the Site Alignments.

The COS consisted of a desktop review and summary of select available historical records and a reconnaissance of the Site and Study Area from publicly accessible locations. The collective information was used to assess and evaluate past and present uses, and conditions and activities within the Study Area to identify properties with potentially contaminating activities (PCAs) on the Site and the surrounding properties that may be contributors to areas of potential environmental concern (APECs) at the Site.

The Site and Study Area were generally used for agricultural or community (i.e. roadway) uses until the development of 11346 Woodbine Avenue as a natural gas meter station (industrial use) in 1978, the construction of Highway 404, a commercial / industrial property (2705 19th Avenue) and recreational field by the late 1980s, followed by the construction of Honda Boulevard and adjacent commercial/industrial developments in the 2000s. At the time of the Site Reconnaissance, the Study Area generally consisted of agricultural land use, and to a lesser extent, commercial, industrial, residential, parkland, and community land uses.



The findings of the COS identified PCAs at the Site that generally included the application of pesticides from current and past agricultural activities, existing/suspected fill materials, application of de-icing salts, and possible vehicle fluid releases. Off-Site PCA contributors included a gas station with underground storage tanks and vehicle repair/service garage; a private fuel outlet with above ground storage tanks; releases of diesel (220 L), coolant (10 L), and transformer oil (unknown quantity); possible assembly and manufacturing of vehicles/vehicle parts; a natural-gas meter station and transmission pipelines; the storage of vehicles, trucks, equipment, and materials; suspected application of pesticides to surrounding agricultural fields; and, waste generators (including polychlorinated biphenyls, PCBs).

The contaminants of potential concern for the corresponding PCAs contributing to APECs included metals and inorganics, petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), PCBs, and organochlorine (OC) pesticides.

Based on an evaluation of the COS findings, PCAs that may be contributors to APECs were identified at 11 locations on the Site Alignments and on adjacent properties within the Study Area.

A subsurface investigation involving sampling and analysis of soil and groundwater within the excavation depths for the proposed construction works would be required to confirm or refute the potential for contamination from the identified PCAs and associated APECs on the Site.



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- Drawing 18189-1 – Site Location Plan
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- Drawing 18189-3 – Site and Surrounding Property Use
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1 INTRODUCTION

Thurber Engineering Ltd. (Thurber) was retained by CIMA+ to prepare a Contamination Overview Study (COS) in support of the Highway 404 North Collector Roads Environmental Assessment (EA) Study being undertaken for the City of Markham. The EA Study is being completed to confirm the final alignment of new north-south and east-west collector roads in the Highway 404 North Planning District in Markham, Ontario.

As part of the EA Study, Thurber previously carried out a geotechnical investigation for the project in July 2019 which provided preliminary comments and recommendations regarding pavement structure design, subgrade preparation, and municipal service installation for the proposed conceptual alignments of collector roads (Our Report 18189, *Preliminary Geotechnical Investigation, Highway 404 North Collector Roads* dated September 11, 2019).

For the purpose of this COS, the “Site” consists of a network of linear sections of land that are aligned in north-south and east-west directions (i.e. “Site Alignments”) within an area that is generally used for agricultural, parkland, commercial/industrial or community purposes. The proposed road alignments exist within a block of land that extends from approximately 400 m north of 19th Avenue to the south at the intersection of Woodbine Avenue and Victoria Square Boulevard, and between approximately 300 m east of Highway 404 and 200 m east of Woodbine Avenue, as shown on Drawing 18189-1. The location and approximate boundary of the Site is shown on Drawing 18189-2.

The purpose of the COS is to identify evidence of actual and/or potential contamination along the Site Alignments and at adjacent properties within the Study Area which may pose implications on the management of materials generated during the proposed construction works.

The Study Area for the COS was considered to include surrounding properties within a 250 m buffer from the Site Alignments.

It is a condition of this report that Thurber’s performance of its professional services is subject to the attached Statement of Limitations and Conditions.

This Report uses the International System of Units (SI Units).



1.1 Scope of Work

The COS comprised the following tasks:

- Provide a general description of the Site;
- Conduct a desktop review of various historical records pertaining to the Site and surrounding properties within the Study Area to obtain an understanding of the Site, and past and present uses, conditions, and activities within the Study Area;
- Conduct a “windshield-level” Site Reconnaissance to observe existing property uses and conditions at the Site and within the Study Area from publicly accessible areas;
- Review and evaluate the findings of the records review and Site Reconnaissance to identify properties within the Study Area with past and present potentially contaminating activities (PCAs) that may be contributors to areas of potential environmental concern (APECs) at the Site; and,
- Prepare this report documenting the activities, findings and conclusions of the COS.

2 SITE DESCRIPTION

The approximate project limits of the Site and Study Area and the surrounding land uses are presented on Drawings 18189-1 to 18189-3.

The Site consists of linearly aligned parcels of land that generally extend through agricultural fields or undeveloped lands, except for existing community use involving sections of 19th Avenue (approximately 500 m in length) and Woodbine Avenue (approximately 250 m in length). In addition, portions of the Site Alignments traverse a former driveway; an existing natural gas easement; a stormwater management pond and commercial / industrial property near the south limit of the Site and extends along the southern portion of a recreational field.

The subject lands are relatively flat where the agricultural fields are vegetated with crops or mature trees, and the existing roads were asphalt paved. A drainage channel extends southerly in the northern portion of the Study Area that traverses the 19th Avenue and Woodbine Avenue portions of the Site.

The approximate boundaries of the Site Alignments are presented on Drawings 18189-1 and 18189-2.



At the time of the Site Reconnaissance, the Study Area generally consisted of agricultural land use, and to a lesser extent, commercial, industrial, residential, parkland, and community land uses.

3 EVALUATION OF INFORMATION

The following factors were considered by Thurber during the records review and Site Reconnaissance to evaluate if an identified PCA within the Study Area is considered a contributor to an APEC at the Site:

- Property use (i.e. agricultural/other, residential, parkland, institutional, industrial, commercial or community);
- Magnitude and nature of the activity [i.e. volume of spills, anticipated quantities of waste generation, presence of above ground storage tanks (ASTs) or underground storage tanks (USTs), quantities of polychlorinated biphenyls (PCB) storage, housekeeping practices, age of facility / operation, etc.];
- Location (i.e. hydraulically upgradient or downgradient from the Site);
- Contaminant characteristics (i.e. toxicity, mobility in the subsurface, etc.);
- Contaminant migration potential (i.e. soil stratigraphy, depth to groundwater, vapour intrusion, etc.); and,
- Exposure (i.e. anticipated receptor and distance from PCA, transport pathways, residence time of contaminant in the subsurface, etc.).

4 RECORDS REVIEW

A records review was conducted by obtaining and reviewing the following information pertaining to the Site and surrounding properties located within the Study Area:

- Available past environmental and geotechnical reports pertaining to the Site or surrounding properties;
- City directories pertaining to the Site and selected surrounding properties from ERIS;
- An EcoLog database report from ERIS pertaining to the Site and surrounding properties;
- Storage tank and spill records pertaining to select surrounding properties from the Technical Standards and Safety Authority (TSSA);
- Aerial photographs pertaining to the Site and surrounding properties from York Region's online mapping system; and,



- Various topographic, geologic and hydrogeologic maps pertaining to the regional area that contains the Site.

Fire Insurance Plans (FIPs) were not requested as the Site and the surrounding area generally appear to have been undeveloped or used for agricultural land, rural residential dwellings and farm structures until the 1990s. Publication of FIPs was discontinued in the 1970s.

The COS did not include a chain-of-title search for any properties, detailed site inspections of each property, site interviews, or a Freedom of Information (FOI) request to the Ministry of Environment, Conservation and Parks (MECP).

4.2 Environmental & Geotechnical Reports

No previous environmental reports that included the Site or surrounding properties within the Study Area were made available by the Client for Thurber to review. However, Thurber previously carried out a geotechnical investigation involving five boreholes with piezometer installations at select locations along the proposed roadway alignments (*Preliminary Geotechnical Investigation, Highway 404 North Collector Roads, Environmental Assessment Study, Markham, Region of York*, dated September 11, 2019).

The pertinent subsurface conditions identified in the report are summarized as follows:

- Surficial topsoil was encountered in four of the boreholes to depths of 0.20 to 0.35 m below ground surface (bgs);
- Beneath the topsoil (where present), native sandy silt (some clay to clayey) till was encountered that extended to the termination depth of the boreholes (5.2 m bgs);
- Groundwater was perched within the native till materials in an open borehole at a depth of approximately 3.9 m bgs (Elevation 237.0 m); and,
- Groundwater was measured in five piezometers between depths of 0.5 m to 3.1 m bgs (Elevation 238.8 m to 232.0 m). The piezometers were installed to depths of approximately 4.5 m bgs and screened over an approximate 1.5 m interval within the sandy silt till.

4.3 City Directories

City Directories were reviewed to identify historical commercial and industrial businesses on properties within the Study Area. The directories covered the years of 1958, 1965, 1972/73, 1977/78, 1984, 1989, 1994, and 1999. A copy of the City Directory Report is presented in Appendix A.



The relevant listings that were identified within the Study Area are summarized in Table A for the specified Directory years.

Table A: City Directory Listings

City Directory Report Findings					
Municipal Address	Commercial Listing	Directory Years	PCA?		
			Y	N	Comments
11087 Woodbine Avenue	Victoria Square Service Centre	1994, 1999	✓		Auto repair shop and possible gas station
11181 Woodbine Avenue	Baker's Harness & Saddlery	1994, 1999		✓	Leather goods manufacturing Located approximately 250 m east and down/cross gradient of the Site

4.4 EcoLog Environmental Risk Information Services

Various provincial, federal, and private databases were searched by ERIS to obtain information for the Site and surrounding properties within the Study Area. The complete EcoLog database report, including a description of the databases searched and records found, is presented in Appendix B. The locations and corresponding relevant activities that were identified within the Study Area are summarized in Table B.

Table B: Relevant Findings from EcoLog ERIS Report

EcoLog ERIS Database Findings						
Municipal Address	Data Base	EcoLog Map Key	Findings	PCA?		
				Y	N	Comments
11346 Woodbine Avenue	CA, GEN, NPRI, SPL, CNG	18, 27, 50	<p>A Certificate of Approval was issued to Enbridge Consumer Gas for a gas fired boiler. Contaminants include releases of nitrogen oxides to atmosphere.</p> <p>Enbridge Gas Distribution Inc. was recorded as a waste generator of organic laboratory chemicals, other specified inorganics, and/or aliphatic solvents from 2011 to 2016, and in 2018 and 2019.</p> <p>Enbridge Gas Distribution Inc. released methane, nitrogen oxides, hydrofluorocarbon, particulate matter, nitrous oxide, volatile organic compounds, sulphur dioxide, and carbon monoxide in 2004.</p> <p>Natural gas releases to atmosphere for maintenance were reported in 2016. No impacts were reported.</p> <p>A compressed natural gas station associated with the Enbridge Training Centre was recorded to be "open" in 2019. Compressed natural gas was recorded to exist on the property. No address was specified on this record but is interpreted to be associated with 11346 Woodbine Avenue based on other available records.</p>	✓		Natural gas meter station located adjacent to the Site which was recorded as a generator of registered wastes.



EcoLog ERIS Database Findings						
Municipal Address	Data Base	EcoLog Map Key	Findings	PCA?		
				Y	N	Comments
			A gas leak was reported in 1990 at a Consumers Gas regulating station. No address was specified on this record but is interpreted to be associated with 11346 Woodbine Avenue based on other available records.			
Intersection of Woodbine Avenue and 19 th Avenue	SPL	28	220 litres (L) of diesel spilled to an agricultural field in 2012.	✓		Location was proximal to the two alignments of the Site along 19 th Avenue and Woodbine Avenue.
2780 19 th Avenue	GEN	29	Toronto Hydro Corporation was registered as a waste generator of phenolic waste in 2017.	✓		Located approximately adjacent to a Site Alignment. Equipment, vehicle, and materials storage observed on this property from aerial photographs
180 Honda Boulevard	ECA, GEN, SCT, SPL, RSC	30, 48	<p>A Certificate of Approval was issued to Honda Canada Inc. in 2011 for twenty natural gas fired unit heaters, six natural gas fired boilers, three natural gas fired humidifiers, two natural gas fired water heaters, two natural gas fired air makeup units, and two standby diesel/natural gas fired generators in 2011.</p> <p>Honda Canada Inc. was registered as a generator of multiple wastes including aliphatic solvents, light fuels, petroleum distillates, oil skimmings and sludges, waste oils and lubricants, inert inorganic wastes, waste crankcase oils and lubricants, waste compressed gases, and graphic art wastes from 2010 to 2016, and in 2018 and 2019.</p> <p>Honda Canada Inc. was recorded as a wholesaler / distributor of new motor vehicle parts and accessories, and of new and used automobiles and light-duty trucks.</p> <p>A spill of transformer oil from a transformer vault was recorded under PowerStream Inc. in 2013.</p> <p>A Record of Site Condition was completed for Honda Canada Inc. in 2010. The record does not provide a municipal address but is believed to be associated with 180 Honda Boulevard.</p>	✓		Located approximately adjacent to the Site
11087 Woodbine Avenue	EXP, FST, FSTH, PRT, SCT	56	<p>Victoria Square Service Centre was recorded as a gas station (last record from December 2008).</p> <p>An "expired" propane cylinder handling facility was recorded at the Victoria Square Service Centre.</p> <p>Three "active" 36000 L fuel tanks (installed 1993) was recorded at the Victoria Square Service Centre.</p> <p>Victoria Square Service Centre (established 1969) was recorded to manufacture motor vehicle gasoline engine and engine parts.</p>	✓		Located approximately 250 m southeast of and downgradient to the Site, however multiple monitoring wells exist between the station and the Site.



EcoLog ERIIS Database Findings						
Municipal Address	Data Base	EcoLog Map Key	Findings	PCA?		Comments
				Y	N	
11181 Woodbine Avenue	SCT, PES	58	Baker's Harness Shop (established 1929) was recorded to manufacture leather and allied products. Baker's Harness Shop was recorded as a pesticide vendor.		✓	Located approximately 250 m east and cross-gradient to the Site
2705 19 th Avenue	GEN	62, 65	Bonzai Landscaping Inc. was recorded as a waste generator of waste oils and lubricants from 2003 to 2005. Larry Ramanovich (lessor of residential buildings and dwellings) was recorded as a waste generator of oil skimmings and sludges, and waste oils and lubricants in 2016.	✓		Located adjacent to the Site
101 Honda Boulevard	EASR, GEN, SPL	66	A Confirmation of Registration was issued to 2562961 Ontario Ltd. which notes the company is discharging contaminants into the environment (other than water). An Emissions Summary Table prepared by Enbridge Gas Distribution Inc. records particulate matter from two cooling towers and nitrogen oxides as emissions from the company. Enbridge Gas Distribution Inc. was recorded as a natural gas distributor. Enbridge Gas Distribution Inc. was recorded as a waste generator of multiple of oil skimmings and sludges, light fuels, paint/pigment/coating residues, waste compressed gases, organic and inorganic laboratory chemicals, other specified inorganics, aliphatic solvents, waste crankcase oils and lubricants, petroleum distillates, and PCBs from 2013 to 2016, and in 2018 and 2019. 10 L of coolant spilled to a parking lot in 2014.	✓		Located approximately 100 m west of and up or cross-gradient to the Site
11030 Victoria Square Boulevard	GEN	67	Atlas Dewatering Inc. was recorded as a waste generator of inorganic laboratory chemicals in 2016.		✓	Located approximately 230 m south of and downgradient to the Site

CA: Certificates of Approval; CNG: Compressed Natural Gas Stations; EASR: Environmental Activity and Sector Registry; ECA: Environmental Compliance Approval; EXP: List of TSSA Expired Facilities; FST: Fuel Storage Tank; FSTH: Fuel Storage Tank - Historic; GEN: Ontario Regulation 347 Waste Generators Summary; NPRI: National Pollutant Release Inventory; PES: Pesticide Register; PRT: Private and Retail Fuel Storage Tank; RSC: Record of Site Condition; SCT: Scott's Manufacturing Directory; SPL: Ontario Spills

4.5 TSSA Inquiry

An inquiry was submitted to the Technical Standards and Safety Authority (TSSA) for a search of storage tank and spill information for the following properties within the Study Area:

- 2705 19th Avenue
- 2780 19th Avenue
- 2936 19th Avenue
- 180 Honda Boulevard
- 101 Honda Boulevard
- 11349 Woodbine Avenue
- 11087 Woodbine Avenue



The TSSA response provided the following information:

- Records of an “active” private fuel outlet with fuel tanks were identified at 101 Honda Boulevard. Two ASTs were identified on the property at the time of the Site Reconnaissance, however the contents of the ASTs are currently unknown.
- An “active” gas station with three fuel tanks and an “expired” propane cylinder handling facility was identified at 11087 Woodbine Avenue, which is consistent with the ERIS findings and observations at the time of the Site Reconnaissance.

A copy of the TSSA inquiry and response is included in Appendix C.

4.6 Aerial Photographs

Aerial photographs were reviewed from York Region’s available online georeferenced imagery¹. When available, aerial photographs were reviewed on an approximate 5 to 10-year interval from the earliest available year (1954). The reviewed photographs are presented in Appendix D.

The scale of the photographs typically did not permit a detailed study of the Site and surrounding properties; however, the following observations were made with respect to the presence of buildings and structures, and general land use and activities on the Site and surrounding properties within the Study Area, as presented in Table C.

Table C: Observations of Aerial Photographs

Aerial Photograph Observations		
Year	Site	Surrounding Properties
1954	The Site generally consisted of agricultural land. The Site-portions of 19 th Avenue and Woodbine Avenue existed. A driveway accessing a rural-residential dwelling at the present-day address of 180 Honda Boulevard crossed the Site in an east-west direction approximately 650 m south of 19 th Avenue.	The Study Area generally consisted of agricultural land, rural-residential dwellings, farm structures, and gravel driveways. The rights-of-way for 19 th Avenue and Woodbine Avenue were established within the Study Area.
1970	No significant changes were observed since 1954.	No significant changes were observed since 1954.
1978	A driveway accessing 11346 Woodbine Avenue crossed the Site in an east-west direction (possible industrial use).	New rural-residential dwellings appeared to have been constructed within the Study Area and the property with municipal address 11346 Woodbine Avenue appeared to have been developed for possible industrial use.
1988	No significant changes were observed since 1978.	Highway 404 was constructed approximately 250 m west of the Site. Ground disturbance was observed on the property with municipal address 2705 19 th Avenue. The property with municipal address 2743 19 th Avenue appeared to be used for sporting fields.



Aerial Photograph Observations		
Year	Site	Surrounding Properties
1995	No significant changes were observed since 1978.	Further development of 2705 19 th Avenue was observed with possible commercial and/or industrial operations. Parking lots and a rectangular building were respectively constructed at the north and south ends of 2743 19 th Avenue. Sporting fields existed on the property.
2002	No significant changes were observed since 1978.	Increased commercial and/or industrial operations were observed at 2705 19 th Avenue (i.e. vehicle, equipment, and materials storage). Equipment storage at 2780 19 th Avenue was observed.
2009	A residential/farm driveway which crossed the Site in an approximate east-west direction about 650 m south of 19 th Avenue was observed to have been expanded and appeared to be used as an access driveway to 180 Honda Boulevard.	The developed property at 2705 19 th Avenue appeared expanded (approximately doubled in size). Equipment, materials, and vehicle storage was observed across the property. Possible truck and trailer, vehicle, equipment, and/or materials storage was observed at 2936 19 th Avenue, 2931 19 th Avenue, and 2787 19 th Avenue. The right-of-way for Honda Boulevard appeared to be under construction. A large building was observed to be under construction at 180 Honda Boulevard where an agricultural field and rural dwelling previously existed. Significant groundworks were observed at 101 Honda Boulevard and properties adjacent to 101 Honda Boulevard. Hydro poles were observed adjacent to the access driveway for 180 Honda Boulevard. The present-day address of the driveway is 11258 Woodbine Avenue.
2014	Ground disturbance was observed on the Site within the property easterly adjacent to 101 Honda Boulevard. The east-west driveway from Woodbine Avenue to 180 Honda Boulevard (present-day address 11258 Woodbine Avenue) which crossed the Site appeared to be abandoned. A channel of water approximately 110 m in length crossed the Site in an east-west direction at the north end of the property easterly adjacent to 101 Honda Boulevard.	Construction of the Honda Boulevard right-of-way appeared to have been completed and the roadway paved which provided access to 180 Honda Boulevard. The construction of two large buildings and associated paved parking lots and property roadways at 180 Honda Boulevard appeared to have been completed. The property of 101 Honda Boulevard was developed with a large building and associated structures and paved parking lots. Stormwater from 101 Honda Boulevard appeared to be conveyed to a stormwater pond (approximately 150 m in diameter) which was observed to exist on an easterly adjacent property. Ground disturbance was also observed on the property. The east-west driveway that extended from Woodbine Avenue to 180 Honda Boulevard (present-day address 11258 Woodbine Avenue) no longer appeared to be in use and soil stockpiles were observed at the east end of the former driveway. Woodbine Avenue was reconfigured to extend in a northeast to southwest direction, perpendicular to the south limit of the Site. A residential subdivision was constructed to the south of the new Woodbine Avenue alignment (south end of the Study Area).
2019	No significant changes were observed since 2014.	Soil stockpiles existed at the west end of the former driveway at 11258 Woodbine Avenue.

¹ The aerial photographs are available on York Region's online mapping (<https://ww6.yorkmaps.ca/Html5Viewer24/Index.html?configBase=https://ww6.yorkmaps.ca/Geocortex/Essentials/Essentials43/RES/T/sites/CommunityServices/viewers/YorkMaps/virtualdirectory/Resources/Config/Default>)



4.7 Topography, Hydrogeology, Geology

Based on the Atlas of Canada – Toporama:

- The nearest surface water body to the Site is a tributary of Berczy Creek that intersects the Site at 19th Avenue, approximately 350 m west of Woodbine Avenue, and on Woodbine Avenue, approximately 300 m south of 19th Avenue. The Rouge River also exists to the west of Highway 404, approximately 630 m west of the Site. Both the creek and river meander in a northwest to southeast direction.
- The ground surface in the project area is relatively flat and undulated with the topographic relief varying between approximate Elevation 244 m and Elevation 238 m. Regionally, the ground surface generally slopes down towards the south.

A review of the Physiographic Regions of Southern Ontario (Figure 19, L. J. Chapman and D. F. Putnam's 1984 edition of the Physiography of Southern Ontario), Surficial Geology of Southern Ontario (Ontario Geological Survey 2010), and a Bedrock Geology map (Map 2544, Ontario Geological Survey, 1991) indicated that the Site is generally located within the Peel Plain physiographic region. Landform features generally include Bevelled Till Plains. The surficial deposits beneath the Site are predominantly comprised of coarse-textured glaciolacustrine deposits (sand, gravel, minor silt and clay) in the north and southwest areas and fine-textured glaciolacustrine deposits (silt and clay, minor sand and gravel) in the southeast portion of the Study Area.

The underlying bedrock typically consists of shale, limestone, dolostone and siltstone of the Georgian Bay Formation. The “published” depth to bedrock (drift thickness) mapping indicates that the bedrock surface is located at depths of approximately 55 metres below the pre-development ground surface.

A general review of the water well information provided on the MECP's Water Well Records database (<https://www.ontario.ca/environment-and-energy/map-well-records>) identified water levels to historically exist between approximate depths of 0 m (flowing conditions) to 11 m bgs.

5 INTERVIEWS

No persons with detailed knowledge of the current or historical activities at the Site were available to interview by Thurber as part of the COS.



6 SITE RECONNAISSANCE

6.1 General

A reconnaissance of the Site and Study Area was conducted on November 1, 2019 by a Thurber representative, Ms. Jacqueline Pigeon, E.I.T. The Site visit was conducted after a general review of the historical records and targeted areas of the Site and the surrounding properties that may contain potentially contaminating activities (PCAs).

The reconnaissance was documented with a field checklist, field notes, and photographs, as required. Select photographs (Photos 1 to 19) are included in Appendix E.

6.2 Limitations / Site Conditions

A detailed inspection of the Site Alignments was generally not possible at the time of the Site Reconnaissance as Permission-to-Enter (PTE) was not granted for portions of the Site Alignments which exist on private property. Therefore, the Site Reconnaissance was conducted through observations of the Site and of surrounding properties from publicly accessible areas and roadways. At the time of Site visit, the weather was generally overcast, and the ground surfaces were generally dry in landscaped and paved areas.

Observation of the underlying soil conditions were prevented in the Study Area covered by buildings and associated structures, and asphalt (road and parking lots) and concrete (curb and sidewalks) pavement structures.

6.3 Interior Observations

No above ground building structures existed on the Site Alignments at the time of the Site Reconnaissance.

6.4 Exterior Observations

The Site generally consists of linear parcels of land for the proposed road alignments that extend through properties used for agricultural, parkland, commercial/industrial, or community (i.e. existing roads) purposes. The properties exist between approximately 400 m north of 19th Avenue to the intersection of Victoria Square Boulevard and Woodbine Avenue, and between approximately 300 m east of Highway 404 and 200 m east of Woodbine Avenue. The Site also included portions of 19th Avenue (approximately 500 m in length) and Woodbine Avenue (approximately 250 m in length). Photos 1 through 19 in Appendix E show areas of the Site Alignments and surrounding properties from publicly accessible locations.



6.5 General Description

The Site-portions of 19th Avenue and Woodbine Avenue generally consisted of relatively flat asphalt paved two-lane arterial roadways, bordered by gravel shoulders and grass swales or ditches (Photos 1 through 3).

The Site alignment to the north of 19th Avenue and connecting to Woodbine Avenue (approximately 500 m in length) (Photo 4), and the Site alignment extending in a north-south direction between 19th Avenue and Honda Boulevard (approximately 475 m in length) (Photo 5) consisted of agricultural lands.

Approximately 400 m south of 19th Avenue, a Site Alignment extended in an east-west direction (approximately 1 km in length) from the west side of the parkland property with municipal address 2743 19th Avenue, traversing between agricultural fields aligned with scattered mature trees and the Woodbine Avenue right-of-way to approximately 200 m east of Woodbine Avenue (Photos 6 through 8). A natural gas pipeline easement and meter station (industrial use) was observed southerly adjacent to this Site Alignment (Photo 7).

Approximately 200 m west of Woodbine Avenue, a Site Alignment (approximate 675 m in length) extended in a north-south direction from approximately 400 m south of 19th Avenue to the intersection of Victoria Square Boulevard and Woodbine Avenue. The alignment intersected both agricultural and commercial/industrial use properties (Photos 9 through 11), including the pipeline easement and a driveway for the TransCanada meter station at 11346 Woodbine Avenue (industrial use). This portion of the Site Alignment also intersected a linear parcel of land approximately 650 m south of 19th Avenue (11258 Woodbine Avenue) which appeared to be a former driveway. Stockpiled soils were observed along the former driveway alignment (Photo 9). This driveway was identified in historical aerial photographs.

The approximate southern 250 m of the Site intersected land which appeared to be associated with 101 Honda Boulevard (commercial/industrial use). On the property, stockpiled soils were observed on and to the west of the Site alignment (Photo 11) and a stormwater management pond was observed east of the alignment (Photo 12).

A watercourse (tributary of Berczy Creek) was observed to travel in a northwest to southeast direction, intersecting 19th Avenue approximately 350 m west of Woodbine Avenue, and Woodbine Avenue approximately 300 m south of 19th Avenue.



Surface water is expected to infiltrate the ground surface on portions of the Site which exist across agricultural land. At the roadways, surface water is expected to be conveyed to gravel boulevards and grass swales and ditches.

Generally, utilities were not observed on the Site Alignments with the exception of overhead utility wires which existed on the north side of 19th Avenue (Photos 1 and 2), along the east and west sides of Woodbine Avenue (Photos 3 and 4), and along the north side of the former driveway at 11258 Woodbine Avenue (Photo 7). Additionally, overhead hydro laterals were observed to cross 19th Avenue at select locations (Photos 1 and 2), high-voltage hydro cables crossed 19th Avenue approximately 280 m west of Woodbine Avenue, and natural gas transmission lines likely traversed the Site Alignment within an easement between Woodbine Avenue and the TransCanada meter station (Photo 7).

6.5.1 Observations of Surrounding Properties

The properties within the Study Area were generally observed to consist of agricultural, residential, commercial, industrial, and parkland property uses, including community land uses (i.e. existing roads).

Generally, land use to the north of 19th Avenue consisted of agricultural land with rural residential dwellings. However, the storage of vehicles, equipment, and wooden utility poles were observed on the property at 2780 19th Avenue (Photo 13). Additionally, a transport truck, trailer, and storage of wooden pallets were observed at 2936 19th Avenue, which appeared to be associated with the 19th Avenue Farmer's Market (commercial use) located southerly adjacent at 2931 19th Avenue. Food stands and farming equipment (i.e. tractors) were observed at the 2931 19th Avenue property (Photo 1).

Parkland (Fletcher's Fields sporting fields) existed at 2743 19th Avenue, and a commercial/industrial property was observed at 2705 19th Avenue (Photo 14). Multiple companies were advertised on signs outside of the commercial/industrial property including Monument Depot Inc. (gravestone supplier), YTL, TMP Fence, TMP Fence Depot, ARAN, and TCC. Vehicle storage, sheds (possibly new for wholesale), shipping containers, possible materials storage (i.e. stone), truck parking, and multiple waste bins were observed on the property.

A natural gas pipeline easement extending in an east-west direction was observed to exist southerly adjacent to and traversing the Site Alignments and through the extent of the Study Area



(Photo 7), approximately 450 m south of 19th Avenue. The TransCanada Victoria Square Meter Station (industrial use) existed at 11346 Woodbine Avenue (Photo 15).

A Honda Canada facility existed at 180 Honda Boulevard (Photo 16). An office building was observed, with a possible vehicle parts assembly and/or manufacturing plant on the property. Sporting fields existed at the northeast corner of the property.

A linear parcel of land (11258 Woodbine Avenue) was observed to extend in an east-west direction between the east side of Honda Boulevard (across from 180 Honda Boulevard) to the west side of Woodbine Avenue (Photo 9). The land was observed in aerial photographs to have been used as a former driveway for a rural residential dwelling that previously existed at the location of 180 Honda Boulevard, and later appeared to be used as a temporary access driveway for the Honda Canada facility until Honda Boulevard was constructed between 2009 and 2014. At the time of the Site visit, the land no longer appeared to be used as a driveway and large soil stockpiles were observed across the property. Signs at the east and west limits of the property noted the receipt of a zoning amendment application which would permit a two-storey office building, if approved.

An Enbridge facility existed at 101 Honda Boulevard (Photo 17). Two ASTs were observed at the southeast corner of the property. Records of an “active” private fuel outlet with fuel tanks were identified at 101 Honda Boulevard through a TSSA search.

The southern Site Alignment (approximately 240 m in length) extended through a property easterly adjacent to 101 Honda Boulevard. Stockpiled soils (Photo 11) and a stormwater pond (Photo 12) respectively existed at the west and east sides of the property. The stormwater pond appeared to collect stormwater from the adjoining 101 Honda Boulevard property.

Baker’s Harness Shop existed at 11181 Woodbine Avenue, which was reported to have been established since 1929 based on historical records. The company appeared to operate on a residential property.

A gas station and auto garage (RaceTrac gas station and Victoria Square Service Centre) were observed at 11087 Woodbine Avenue (Photo 18). Covers for USTs were observed near the gas station pumps. With the exception of the gas station and service centre, property use to the south of Woodbine Avenue (south end of the Study Area) was residentially developed.



6.5.2 Topographic, Geologic, and Hydrogeologic Conditions

The ground surface within the Study Area generally sloped down towards the southeast. The regional surface water drainage was generally directed towards Berczy Creek through the north and central/east portions of the Site, or to catch basins and grass/sand and gravel boulevards and swales aligning the existing roads within the Study Area or infiltrated into the ground.

6.5.3 Wells

Various stick-up monitoring/private wells with protective casings were observed within the Study Area at the time of the Site visit at the following locations:

- A Thurber monitoring well (installed July 2019) at the north end of the agricultural field located easterly adjacent to 2825 19th Avenue;
- A Thurber monitoring well (installed July 2019) and a private monitoring well at the southwest corner (Photo 19) of the agricultural field located easterly adjacent to 2825 19th Avenue;
- Three monitoring wells on the property located at the northwest corner of the intersection of Woodbine Avenue and Vetmar Road; and,
- Multiple (greater than ten) monitoring wells on the property located at the southwest corner of the intersection of Woodbine Avenue and Vetmar Road (11030 Woodbine Avenue).

The monitoring wells were located on private properties and were therefore not accessed.

A review of the MECP's Water Well Records database (<https://www.ontario.ca/environment-and-energy/map-well-records>) identified a well record at the approximate location of the two wells identified at the southwest corner of the agricultural field located westerly adjacent to 2825 19th Avenue. The well record (6910611) reported that the well was installed in 1971 for water supply use to an approximate depth of 21 m bgs. The standing water level within the well was recorded at 4.9 m bgs.

The MECP Water Well Records also listed eight well records at 11030 Woodbine Avenue where multiple monitoring wells were observed during the field visit. A water supply well installed on this property in 1973 to 20.4 m bgs noted flowing water conditions (i.e. water level at surface). Minimal information was included on the remaining seven well records, however these wells were installed between 2013 and 2017 and generally appear to be for observation/monitoring use. Available information indicated that two of the wells were installed at depths of 7.6 m bgs and water was measured at 4.6 m bgs.



Thurber completed the installation of five monitoring wells on the Site Alignments between July 11 and July 12, 2019. The locations of the monitoring wells are provided in Our report *18189, Preliminary Geotechnical Investigation, Highway 404 North Collector Roads* dated September 11, 2019. The wells were screened from approximately 3 m to 4.5 m bgs. Groundwater was perched within the native till materials in an open borehole at a depth of approximately 3.9 m bgs (Elevation 237.0 m); and, groundwater was measured in the piezometers between depths of 0.5 m to 3.1 m bgs (Elevation 238.8 m to 232.0 m).

No drinking water wells were observed on the Site Alignments or on surrounding properties during the Site Reconnaissance, however the rural residential dwellings and businesses that exist along 19th Avenue and along Woodbine Avenue to the north of the intersection of Woodbine Avenue and Victoria Square Boulevard may be supplied by water wells or cisterns (i.e. no municipal water supply).

Water well information provided in the EcoLog ERIS report identified 24 water supply wells for domestic, irrigation, livestock, public and/or commercial uses in the Study Area, and three monitoring wells were identified.

The MECP's Water Well Records database identified multiple wells within the Study Area, primarily for monitoring, dewatering, or water supply uses.

6.5.4 Stained Materials

Pavement stains that are typical of roadways were noted on the asphalt along the roadways (i.e. Site-portions of 19th Avenue and Woodbine Avenue) on or adjacent to the Site Alignments, otherwise significant staining was not observed on the Site Alignments, or on exposed portions of adjoining properties surrounding the Site.

6.5.5 Stressed Vegetation

Vegetation adjacent to the Site generally appeared healthy.

6.5.6 Fill

Fill materials were not encountered at the five boreholes advanced along the Site Alignments during the geotechnical investigation carried out by Thurber on July 11 and 12, 2019. However, stockpiled soils were observed on and adjacent to the approximate southern 250 m of the Site, and along the former driveway at 11258 Woodbine Avenue which crossed a Site Alignment in an east-west direction. Additionally, fill materials likely exist beneath the asphalt pavement structures (i.e. roadways) along portions of the Site on 19th Avenue and Woodbine Avenue.



6.5.7 Watercourses, Ditches, or Standing Water

A stormwater management pond, approximately 150 m in diameter, existed adjacent to the south end of the Site.

Although not observed at the time of the Site Reconnaissance, standing water likely exists within agricultural fields or in low-lying areas following rain events / spring thaw conditions.

6.5.8 Roads, Parking Facilities, and Rights of Way

The Site Alignments include portions of the rights-of-way of 19th Avenue and Woodbine Avenue, as presented on Drawing 18189-2. No parking spaces were observed on the Site Alignments, however, parking lots associated with the commercial/industrial properties were observed.

A right-of-way / easement for TransCanada natural gas transmission pipelines and meter station existed in an east-west direction and southerly adjacent to a Site Alignment approximately 450 m south of 19th Avenue.

6.6 Hazardous Materials / Waste Disposal

No chemicals, hazardous substances, or non-domestic wastes were observed on the Site or surrounding properties during the Site Reconnaissance. Section 6.10 discusses transformers observed adjacent to the Site Alignments at the time of the field visit.

6.7 Aboveground and Underground Storage Tanks

Access covers for underground storage tanks were observed at the RaceTrac gas station at 11087 Woodbine Avenue, and two above ground storage tanks were observed at 101 Honda Boulevard. The contents of the tanks at 101 Honda Boulevard are currently unknown.

6.8 Storage Containers and Unidentified Substances

Various storage containers were observed at 2705 19th Avenue. The containers were located on private property and therefore the contents could not be ascertained.

6.9 Odours

No unusual odours were noted at the Site Alignments during the Site Reconnaissance.

6.10 Potable Water Supply

No potable water supply wells were observed on the Site Alignments during the Site Reconnaissance. However, water well information provided in the EcoLog ERIS report identified



24 water supply wells for domestic, commercial, irrigation, public, and/or livestock use within the Study Area, including water supply wells noted in the MECF databases.

6.11 Special Attention Items

A survey of special attention items, and designated and hazardous substances [i.e. acrylonitrile, arsenic, asbestos, benzene, coke oven emissions, ethylene oxide, isocyanates, lead, mercury, silica, vinyl chloride and polychlorinated biphenyls (PCBs), mould, ozone depleting substances, radon, and urea formaldehyde foam insulation] was not carried out for purposes of this COS.

However, silica should be anticipated in concrete structures, asphalt and granular materials, asbestos may be found in some asphaltic concrete pavements, and benzene may be encountered from a release of petroleum hydrocarbons or from contamination from an adjacent property.

Pole-mounted transformers adjacent to the Site were observed at the following approximate locations:

- Westbound roadway shoulder across from 2825 19th Avenue (one)
- Westbound roadway shoulder across from 2931 19th Avenue (four)
- Southbound roadway shoulder at 11638 Woodbine Avenue (one)
- Northbound roadway shoulder at 11346 Woodbine Avenue (two)

It is unknown if PCB's were contained in the pole-mounted transformer transformers. However, the vegetation around the pole-mounted transformers appeared healthy and generally no staining was observed on the transformers and poles beneath the transformers.

On this basis, the observed pole-mounted transformers adjacent to the Site are not considered to be PCAs contributing to APECs on the Site Alignments.

7 FINDINGS

The COS involved a desktop review and summary of available historical records obtained through a TSSA request, Region of York aerial photographs, geologic maps, a previous Thurber geotechnical report, and an EcoLog ERIS search which included city directories and federal, provincial and private environmental databases. The Site Reconnaissance included a visual assessment of the Site and of the Study Area from publicly accessible locations.



The collective information was used to assess and evaluate past and present uses, conditions and activities at the Site and within the project Study Area to identify potentially contaminating activities (PCAs) that result in areas of potential environmental concern (APECs) on the Site Alignments. Based on an evaluation of the criteria provided in Section 3.0, PCAs that may contribute to APECs on the Site Alignments are listed in Table D and are presented on Drawing 18189-4.

Table D: Summarized PCAs Contributing to APECs on Site

Potential PCA Contributors to APECs on Site Alignments							
No.	PCA Location	Year of Record	Database	Findings	Potential Contaminants of Concern	APEC on Site	Rationale for APEC Determination
1	Entire Site & Study Area	2019	Field Visit	- Pesticide use, application of de-icing salts, and possible vehicle releases on existing roads	M&I, PHCs, VOCs, OC Pesticides	Entire Site	Residual pesticides from past agricultural activities, and impacts from migration of salts and vehicle releases on existing roads
2	2705 19th Avenue	2003 - 2005, 2016	EcoLog	- Bonzai Landscaping Inc. - Waste generation of waste oils and lubricants, and oil skimmings and sludges	M&I, PHCs/BTEX, VOCs, PAHs	Area of Site Alignment adjacent to 2705 19 th Avenue	PCA is cross-gradient and adjacent to a Site Alignment
		1995, 2009	Aerial Photograph	- Development of property for possible commercial / industrial use; vehicle, equipment, and materials storage (1995) - Large expansion of property to the west (2009)			
		2019	Field Visit	- Commercial and possible industrial use - Vehicle storage, sheds (possibly new for wholesale), shipping containers, possible materials storage (i.e. stone), truck parking, and multiple waste bins observed on property - Companies advertised included Monument Depot Inc. (gravestone supplier), YTL, TMP Fence, TMP Fence Depot, ARAN, and TCC			



Potential PCA Contributors to APECs on Site Alignments							
No.	PCA Location	Year of Record	Database	Findings	Potential Contaminants of Concern	APEC on Site	Rationale for APEC Determination
3	2780 19th Avenue	2017	EcoLog	- Toronto Hydro Corporation - Generation of phenolic wastes	M&I, PHCs/BTEX, VOCs, PAHs, PCBs	Area of Site Alignment adjacent to 2780 19 th Avenue	PCA is upgradient and adjacent to a Site Alignment
		2002	Aerial Photograph	- Equipment storage observed on the property			
		2019	Field Visit	- Storage of vehicles, equipment, and wooden utility poles			
4	Intersection of Woodbine Avenue and 19th Avenue	2012	EcoLog	- Spill of 220 L of diesel to an agricultural field	M&I, PHCs/BTEX, PAHs	East end of the Site extending east-west along 19 th Avenue, and south end of the Site extending north-south along Woodbine Avenue	PCA is proximal to the Site Alignments: actual location of spill is unknown
5	180 Honda Boulevard	2010 - 2016, 2018, 2019	EcoLog	- Honda Canada Inc./ PowerStream Inc. - Spill of transformer oil from a transformer vault - Waste generation of aliphatic solvents, light fuels, petroleum distillates, oil skimmings and sludges, waste oils and lubricants, inert inorganic wastes, waste crankcase oils and lubricants, waste compressed gases, and graphic art wastes - Use of 2 standby diesel/natural gas fired generators - Wholesale and distribution of new motor vehicle parts and new / used automobiles and trucks	M&I, PHCs/BTEX, VOCs, PAHs, PCBs	Area of Site Alignment northerly adjacent to 180 Honda Boulevard	PCA is proximal to a Site Alignment
				2009			
		2019	Field Visit	- Honda Canada - Possible manufacturing and/or assembly operations			



Potential PCA Contributors to APECs on Site Alignments							
No.	PCA Location	Year of Record	Database	Findings	Potential Contaminants of Concern	APEC on Site	Rationale for APEC Determination
6	11346 Woodbine Avenue	1990, 2004, 2011 - 2016, 2018, 2019	EcoLog	- Enbridge Gas / Consumer Gas compressed natural gas meter station - Waste generation of organic laboratory chemicals, other specified inorganics, and aliphatic solvents - Releases of compounds to atmosphere	M&I, PHCs/BTEX, VOCs, PAHs, PCBs	The area of the Site Alignment approximately adjacent to 11346 Woodbine Avenue and natural gas easement, the area of the Site Alignment connecting to the north end of Honda Boulevard, and the north portion of the north-south Site alignment extending between approximately 400 m south of 19 th Avenue and Woodbine Avenue	PCA is proximal to three Site alignments
		1978	Aerial Photograph	- Development of property			
		2019	Field Visit	- TransCanada Victoria Square Meter Station (industrial use)			
7	101 Honda Boulevard	2013 - 2016, 2018, 2019	EcoLog	- Enbridge Gas Distribution Inc. - Natural gas distributor - Waste generation of oil skimmings and sludges, light fuels, paint/pigment/coating residues, waste compressed gases, organic and inorganic laboratory chemicals, other specified inorganics, aliphatic solvents, waste crankcase oils and lubricants, petroleum distillates, and PCBs - Spill of 10 L of coolant to the parking lot - Discharge of particulate matter from two cooling towers and of nitrogen oxides	M&I, PHCs/BTEX, VOCs, PAHs, PCBs	South area of the Site approximately 100 m east of 101 Honda Boulevard	PCA is proximal to a Site Alignment
		2019	TSSA	- "Active" private fuel outlet with fuel tank			
		2009	Aerial Photograph	- Construction of Enbridge facility			



Potential PCA Contributors to APECs on Site Alignments							
No.	PCA Location	Year of Record	Database	Findings	Potential Contaminants of Concern	APEC on Site	Rationale for APEC Determination
		2019	Field Visit	- Enbridge Gas facility - Two ASTs observed at southeast corner of the developed portion of the property - Storm water pond existed on easterly adjacent property			
8	11087 Woodbine Avenue	1994, 1999	City Directory	- Victoria Square Service Centre	M&I, PHCs/BTEX, VOCs, PAHs	South of the Site	PCA is downgradient but proximal to the Site. Although downgradient, multiple monitoring wells exist between the gas station and the south end of the Site (possible migration from past dewatering activities along Woodbine By-pass)
		2019	TSSA	- "Active" gas station with three fuel tanks			
		2019	Field Visit	- RaceTrac gas station, evidence of USTs - Victoria Square Service Centre			
9	2931 / 2936 19 th Avenue	2009	Aerial Photograph	- Storage of possible trucks / trailers, vehicles, equipment, and materials	M&I, PHCs/BTEX, VOCs, PAHs	Area of Site Alignment adjacent to 2931 / 2936 19 th Avenue	Unknown storage proximal to two Site Alignments
10	2787 19 th Avenue	2009	Aerial Photograph	- Storage of construction equipment and materials	M&I, PHCs/BTEX, VOCs, PAHs	Area of Site Alignment adjacent to 2787 19 th Avenue	Storage of equipment and materials proximal to a Site alignment
11	Site Alignments at 11258 Woodbine Avenue; Property easterly adjacent to 101 Honda Boulevard, Woodbine Avenue, and 19 th Avenue	2014, 2019	Aerial Photograph	- Stockpiled fill materials	M&I, PHCs/BTEX, VOCs, PAHs	Entire Site	Fill materials of unknown chemical quality related to stockpiled materials at 11258 Woodbine Avenue and property easterly adjacent to 101 Honda Boulevard; and possibly associated with pavement construction for existing roads.
		2019	Field Visit	- Stockpiled fill materials			



8 CONCLUSIONS

Based on the review and evaluation of information obtained through the COS, PCAs at 11 locations were identified at the Site or within the Study Area that are considered to be contributors to APECs on the Site Alignments.

The identified on-Site PCA contributors generally included the application of pesticides from current and past agricultural activities, existing/suspected fill materials, application of de-icing salts, and possible vehicle fluid releases. Off-Site PCA contributors included a gas station with underground storage tanks and vehicle repair/service garage; a private fuel outlet with above ground storage tanks; releases of diesel (220 L), coolant (10 L), and transformer oil (unknown quantity); possible assembly and manufacturing of vehicles/vehicle parts; a natural-gas meter station and transmission pipelines; the storage of vehicles, trucks, equipment, and materials; suspected application of pesticides to surrounding agricultural fields; and, waste generators (including PCBs).

The contaminants of potential concern for the corresponding PCAs contributing to APECs included metals and inorganics, petroleum hydrocarbons (PHCs), benzene, toluene, ethylbenzene and xylenes (BTEX), polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and organochlorine (OC) pesticides.

A subsurface investigation involving sampling and analysis of soil and groundwater within the excavation depths for the proposed construction works would be required to confirm or refute the potential for contamination from the identified PCAs and associated APECs on the Site.



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- a) Nature and Exactness of Soil and Contaminant Description: Classification and identification of soils, rocks, geological units, contaminant materials and quantities have been based on investigations performed in accordance with the standards set out in Paragraph 1. Classification and identification of these factors are judgmental in nature. Comprehensive sampling and testing programs implemented with the appropriate equipment by experienced personnel may fail to locate some conditions. All investigations utilizing the standards of Paragraph 1 will involve an inherent risk that some conditions will not be detected and all documents or records summarizing such investigations will be based on assumptions of what exists between the actual points sampled. Actual conditions may vary significantly between the points investigated and the Client and all other persons making use of such documents or records with our express written consent should be aware of this risk and the Report is delivered subject to the express condition that such risk is accepted by the Client and such other persons. Some conditions are subject to change over time and those making use of the Report should be aware of this possibility and understand that the Report only presents the conditions at the sampled points at the time of sampling. If special concerns exist, or the Client has special considerations or requirements, the Client should disclose them so that additional or special investigations may be undertaken which would not otherwise be within the scope of investigations made for the purposes of the Report.
- b) Reliance on Provided Information: The evaluation and conclusions contained in the Report have been prepared on the basis of conditions in evidence at the time of site inspections and on the basis of information provided to Thurber. Thurber has relied in good faith upon representations, information and instructions provided by the Client and others concerning the site. Accordingly, Thurber does not accept responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of misstatements, omissions, misrepresentations, or fraudulent acts of the Client or other persons providing information relied on by Thurber. Thurber is entitled to rely on such representations, information and instructions and is not required to carry out investigations to determine the truth or accuracy of such representations, information and instructions.
- c) Design Services: The Report may form part of design and construction documents for information purposes even though it may have been issued prior to final design being completed. Thurber should be retained to review final design, project plans and related documents prior to construction to confirm that they are consistent with the intent of the Report. Any differences that may exist between the Report's recommendations and the final design detailed in the contract documents should be reported to Thurber immediately so that Thurber can address potential conflicts.
- d) Construction Services: During construction Thurber should be retained to provide field reviews. Field reviews consist of performing sufficient and timely observations of encountered conditions in order to confirm and document that the site conditions do not materially differ from those interpreted conditions considered in the preparation of the report. Adequate field reviews are necessary for Thurber to provide letters of assurance, in accordance with the requirements of many regulatory authorities.

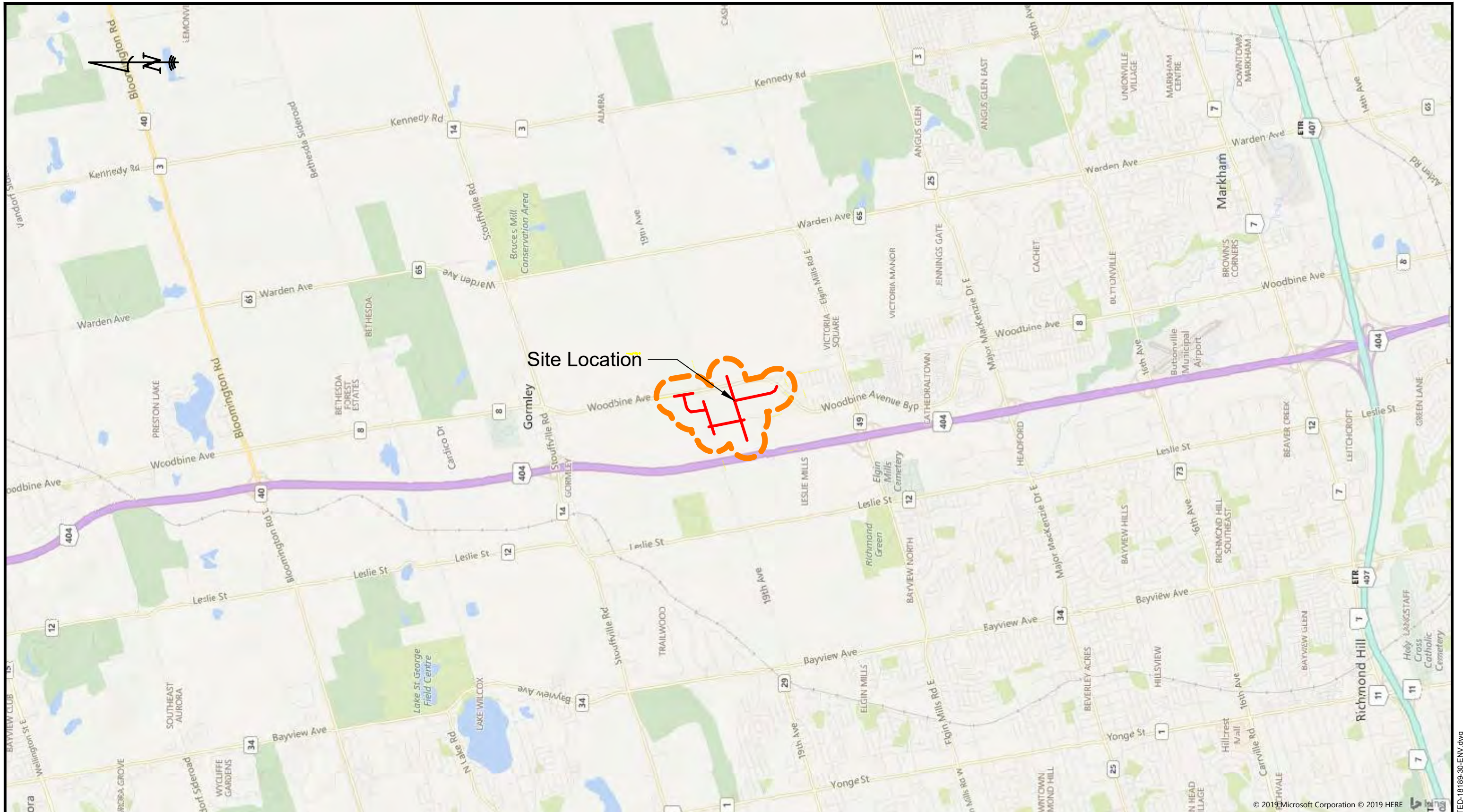
6. RELEASE OF POLLUTANTS OR HAZARDOUS SUBSTANCES

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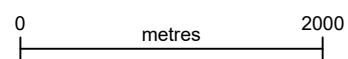
DRAWINGS



Site Location

LEGEND:


- APPROXIMATE SITE ALIGNMENTS
- APPROXIMATE STUDY AREA (250m Buffer)



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CONTAMINATION OVERVIEW STUDY
HWY 404 NORTH COLLECTOR ROADS
ENVIRONMENTAL ASSESSMENT STUDY
MARKHAM, REGION OF YORK
SITE LOCATION PLAN

JOB# 18189-30



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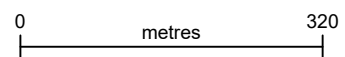
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LEGEND:

- APPROXIMATE SITE ALIGNMENTS
- - - APPROXIMATE STUDY AREA (250m Buffer)




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**CONTAMINATION OVERVIEW STUDY
HWY 404 NORTH COLLECTOR ROADS
ENVIRONMENTAL ASSESSMENT STUDY
MARKHAM, REGION OF YORK
SITE PLAN**

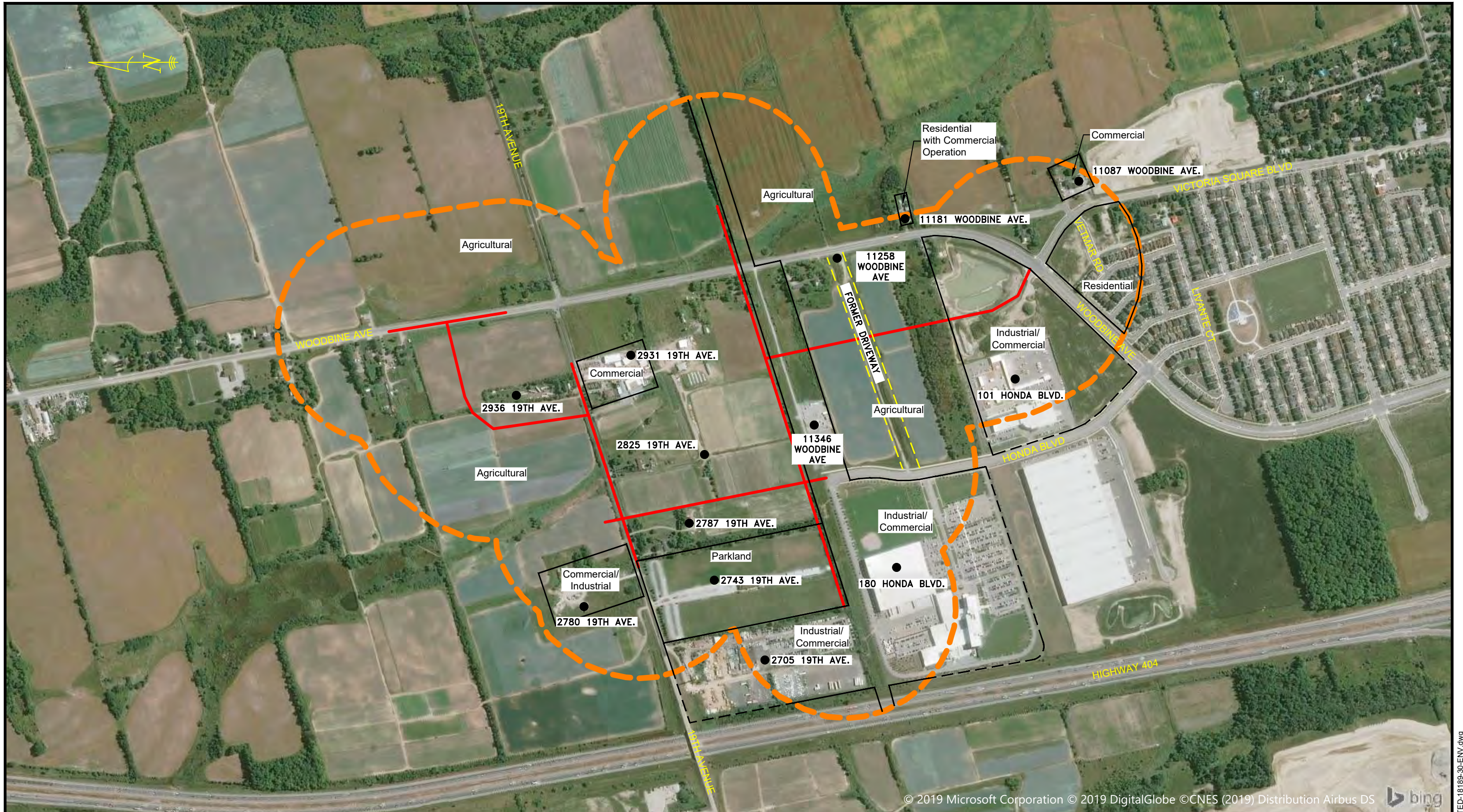
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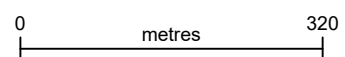
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LEGEND:

- APPROXIMATE SITE ALIGNMENTS
- - - APPROXIMATE STUDY AREA (250m Buffer)




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CONTAMINATION OVERVIEW STUDY
HWY 404 NORTH COLLECTOR ROADS
ENVIRONMENTAL ASSESSMENT STUDY
MARKHAM, REGION OF YORK
SITE AND SURROUNDING PROPERTY USE

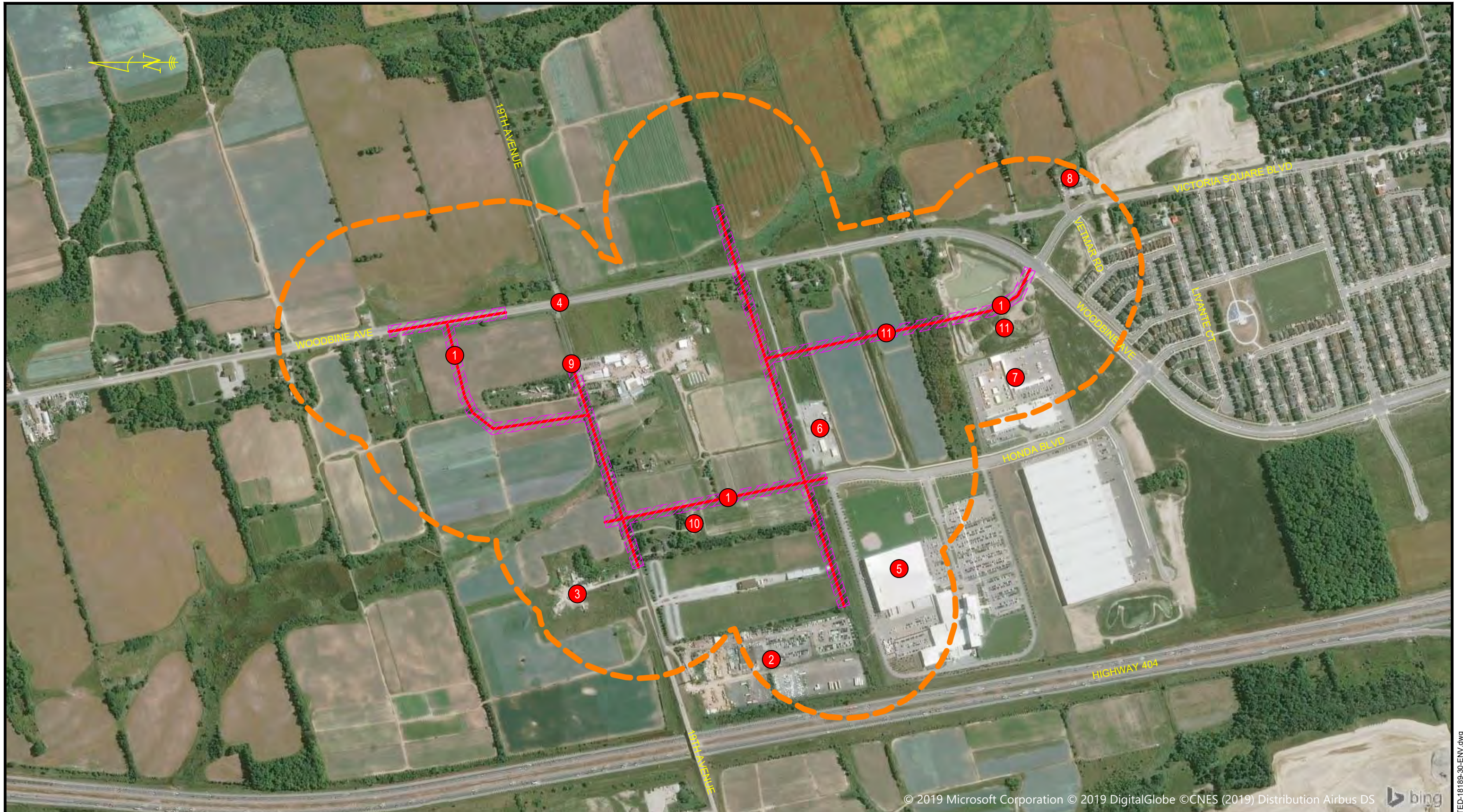
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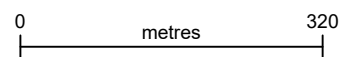
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LEGEND:

- APPROXIMATE SITE ALIGNMENTS
- - - APPROXIMATE STUDY AREA (250m Buffer)
- ⑪ POTENTIALLY CONTAMINATING ACTIVITY (PCA)
- AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)




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**CONTAMINATION OVERVIEW STUDY
HWY 404 NORTH COLLECTOR ROADS
ENVIRONMENTAL ASSESSMENT STUDY
MARKHAM, REGION OF YORK
POTENTIALLY CONTAMINATING ACTIVITIES (PCAs)**

JOB# 18189-30



THURBER ENGINEERING LTD.

PREPARED: JNP	DRAWN: AN	APPROVED: PM
DATE: NOVEMBER 2019	SCALE: 1:8000	DRAWING No: 18189-4

FILENAME: H:\Drafting\18000\18189\18189-30-ENV.dwg
 PLOTDATE: Nov 27, 2019 - 1:00 PM

APPENDIX A

CITY DIRECTORY REPORT

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



**CITY
DIRECTORY**

Project Property: *Markham, ON*
Report Type: *City Directory*
Order No: *20191023162*
Information Source: *Polk's York Region, Ontario Criss-Cross Directory*
Date Completed: *30/10/2019*

Environmental Risk Information Services City Directory Information Source

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1999	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-No Listings Within Radius
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-All Residential 11030 – Woodbine Golf Centre 11087 – Spero Zaharopoulos -Sunset Grill Restaurant

	-Victoria Square Service Centre 11181 – Baker’s Harness & Saddlery 11192 – A E I LTD 11670 – Riordan Antiques -Riordan W J Real Estate Broker 11723 – LJ Kennels Reg
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PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1994	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-All Residential 2743- Fletcher’s Field Rugby
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed

Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-All Residential 11087 – Sunset Grill Restaurant -Victoria Square Service Centre 11181 – Baker’s Harness & Saddlery 11192 – A E I LTD 11670 – Riordan Antiques -Riordan W J Real Estate Broker

PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1989	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-No Listings Within Radius
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed

Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-No Listings Within Radius

PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1984	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-No Listings Within Radius
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed

Woodbine Avenue (11020-11725)	-No Listings Within Radius
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PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1977/78	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-No Listings Within Radius
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-No Listings Within Radius

PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON



Year: 1972/73	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-No Listings Within Radius
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-No Listings Within Radius

PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1965	
Site Listing:	-No Civic Listing

Adjacent Properties:	
19th Avenue (2705-3050)	-No Listings Within Radius
Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-No Listings Within Radius

PROJECT NUMBER: 20191023162	
Site Address:	Markham, ON
Year: 1958	
Site Listing:	-No Civic Listing
Adjacent Properties:	
19th Avenue (2705-3050)	-Street Not Listed

Earl Goodyear Road (All)	-Street Not Listed
Honda Boulevard (All)	-Street Not Listed
Isabella Peach Drive (60-80)	-Street Not Listed
Living Crescent (40-112)	-Street Not Listed
Vetmar Road (All)	-Street Not Listed
Woodbine Avenue (11020-11725)	-Street Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

APPENDIX B
ECOLOG ERIS REPORT



DATABASE REPORT

Project Property: *Highway 404 North Collector Roads
Honda Road
Markham ON L0H*

Project No: *18189*

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

Order No: *20191023162*

Requested by: *Thurber Engineering Ltd-Toronto*

Date Completed: *October 30, 2019*

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Executive Summary

Property Information:

Project Property: Highway 404 North Collector Roads
Honda Road Markham ON L0H

Project No: 18189

Order Information:

Order No: 20191023162
Date Requested: October 23, 2019
Requested by: Thurber Engineering Ltd-Toronto
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

City Directory Search CD - Subject Site plus 250m Radius

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	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
CA	<i>Certificates of Approval</i>	Y	0	3	3
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	2	2
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	3	3
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	8	8
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	1	1
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	28	28
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	1	1
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	0	9	9
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	42	42
Total:			0	118	118

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 26 con 4 VICTORIA SQUARE ON Well ID: 7172697	E/0.8	-5.67	34
2	WWIS		ON Well ID: 7305415	NW/1.3	1.59	39
3	WWIS		ON Well ID: 7306226	NW/7.6	1.31	39
4	BORE		ON	E/7.6	-4.95	40
5	WWIS		lot 30 con 3 ON Well ID: 6915734	ENE/11.0	-4.95	42
6	WWIS		lot 26 con 4 VICTORIA SQUARE ON Well ID: 7169253	E/11.7	-4.95	45
7	WWIS		lot 29 con 3 GORMLEY ON Well ID: 7284230	WSW/13.1	0.34	47
8	WWIS		lot 30 con 3 ON Well ID: 6910611	WSW/13.2	2.05	50
9	EASR	ENBRIDGE GAS INC	ON	E/30.7	-4.95	54
10	WWIS		lot 30 con 3 ON Well ID: 6915999	N/38.6	-1.10	55
11	WWIS		lot 31 con 3 ON Well ID: 6924496	N/42.2	-0.95	58
12	WWIS		lot 30 con 3 ON	NE/44.0	-3.95	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6910808			
13	WWIS		lot 30 con 3 ON Well ID: 6915750	N/45.1	-1.92	63
14	EHS		2801 19Th Avenue Markham ON	NW/47.2	1.05	67
15	WWIS		lot 32 con 3 ON Well ID: 6916006	N/48.9	3.05	67
16	PTTW	Honda Canada Inc.	ON	SW/60.8	2.05	72
16	WWIS		lot 29 con 3 ON Well ID: 7278629	SW/60.8	2.05	73
17	BORE		ON	ESE/62.1	-5.05	80
18	CA	ENBRIDGE CONSUMERS GAS	11346 WOODBINE AVE,VICTORIA SQ MARKHAM TOWN ON L6C 1J5	SW/64.4	1.41	81
18	GEN	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	SW/64.4	1.41	82
18	GEN	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	SW/64.4	1.41	82
18	GEN	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	SW/64.4	1.41	82
18	GEN	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	SW/64.4	1.41	83
18	GEN	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	SW/64.4	1.41	83

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	Enbridge Gas Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	SW/64.4	1.41	84
18	GEN	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	SW/64.4	1.41	84
18	GEN	Enbridge Gas Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	SW/64.4	1.41	84
18	NPRI	ENBRIDGE GAS DISTRIBUTION INC	11346 WOODBINE Avenue MARKHAM ON L6C1J5	SW/64.4	1.41	85
18	SPL	Enbridge Gas Distribution Inc.	11346 Woodbine Ave Markham ON	SW/64.4	1.41	87
18	SPL		11346 Woodbine Avenue Markham ON	SW/64.4	1.41	88
18	SPL	Enbridge Gas Distribution Inc.	11346 Woodbine Ave Markham ON	SW/64.4	1.41	88
18	SPL	Enbridge Gas Distribution Inc.	11346 Woodbine Avenue Markham ON	SW/64.4	1.41	89
18	SPL	Enbridge Gas Distribution Inc.	11346 Woodbine Ave; Doane Road and Woodbine Ave Markham; East Gwillimbury ON	SW/64.4	1.41	89
19	WWIS		lot 29 con 3 ON Well ID: 6903209	E/68.9	-4.95	90
20	WWIS		lot 30 con 3 ON Well ID: 6912456	NW/74.7	0.22	93
21	WWIS		lot 30 con 3 ON Well ID: 6910668	NW/78.4	0.22	96
22	CA	Honda Canada Inc.	11258 Woodbine Ave Markham ON	ESE/87.4	-4.95	99

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	ECA	Honda Canada Inc.	11258 Woodbine Ave Markham ON M1B 2K8	ESE/87.4	-4.95	99
22	INC		11258 WOODBINE AVENUE, TORONTO ON	ESE/87.4	-4.95	99
23	WWIS		lot 30 con 3 ON Well ID: 6909151	NNW/89.2	0.05	100
24	WWIS		lot 30 con 3 ON Well ID: 6903211	NW/93.5	0.39	104
25	WWIS		lot 27 con 3 VICTORIA SQUARE ON Well ID: 7168601	SE/95.4	-2.90	107
26	WWIS		lot 30 con 3 ON Well ID: 7108206	N/99.5	-1.95	108
27	SPL	CONSUMERS GAS	WOODBINE AVE SOUTH OF 19TH LINE NATURAL GAS PIPELINE MARKHAM TOWN ON	NNE/107.0	-0.95	116
28	SPL		19th & Woodbine Ave. Markham ON	NNE/110.8	-0.95	116
29	GEN	Toronto Hydro Corporation	2780-19th Avenue Markham ON L6C 1L7	NW/112.5	3.62	117
30	RSC	Honda Canada Inc.	No Municipal Address, MARKHAM ON	SSW/120.5	2.05	117
31	WWIS		lot 30 con 3 ON Well ID: 6903213	NNE/122.6	-3.68	117
32	BORE		ON	NNE/126.7	-1.95	120
33	BORE		ON	SE/142.3	-1.98	122

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
34	WWIS		lot 30 con 3 ON Well ID: 7108205	NNE/144.0	-2.95	124
35	EHS		180 Honda Blvd Markham ON L6C 0H9	SW/144.3	2.05	132
36	WWIS		Markham ON Well ID: 7111111	NNE/145.0	-0.95	132
37	BORE		ON	SE/145.4	0.00	135
38	EHS		11192 Woodbine Ave Markham ON L6C1J5	SE/153.3	-3.88	136
39	WWIS		lot 30 con 4 VICTORIA SQUARE ON Well ID: 7206227	NNE/156.5	-1.96	136
40	WWIS		lot 30 con 3 ON Well ID: 6903214	WNW/157.5	7.32	138
41	WWIS		ON Well ID: 7223175	SSE/167.2	1.07	142
42	WWIS		Markham ON Well ID: 7240618	SSE/176.3	2.05	142
43	WWIS		lot 28 con 4 ON Well ID: 6923464	SE/177.2	-3.84	145
44	EHS		2780 19 Ave Markham ON L6C1L6	NNW/179.7	1.05	150
45	WWIS		ON Well ID: 7206334	SSE/183.1	0.89	150
46	WWIS		lot 28 con 4 MARKHAM ON	SE/184.1	-3.92	150

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6928628			
47	WWIS		lot 28 con 4 ON Well ID: 6924904	SE/188.1	-1.17	154
48	ECA	Honda Canada Inc.	180 Honda Blvd Markham ON M1B 2K8	SSW/189.0	1.05	158
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	158
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	158
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	159
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON	SSW/189.0	1.05	159
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	160
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	160
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	161
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	161
48	GEN	HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	SSW/189.0	1.05	162
48	SCT	Honda Canada Inc.	180 Honda Blvd Markham ON L6C 0H9	SSW/189.0	1.05	162
48	SPL	PowerStream Inc.	180 Honda Blvd Markham ON	SSW/189.0	1.05	163

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
49	CA	Fletcher's Fields	2743 19th Avenue Markham ON L6C 1L7	W/190.7	6.08	163
50	CNG	Enbridge Training Centre	Private Markham ON L6C 0M6	S/196.2	-0.51	164
50	CNG	Enbridge Training Centre	Private Markham ON L6C 0M6	S/196.2	-0.51	164
51	WWIS		lot 28 con 4 ON Well ID: 6903391	SE/200.2	-3.49	164
52	EHS		2780 19th Avenue Markham ON L6C 1L6	NNW/204.7	1.05	168
53	EHS		2780 Nineteenth Avenue Markham ON	NNW/205.0	1.05	168
54	WWIS		lot 27 con 3 ON Well ID: 7292780	SSE/205.9	1.31	168
55	WWIS		ON Well ID: 7240617	SSE/207.5	0.01	169
56	EHS		11087 Victoria Square Boulevard Markham ON L6C 1J5	SE/211.6	-1.18	171
56	EXP	VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON	SE/211.6	-1.18	172
56	FST	VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	SE/211.6	-1.18	172
56	FST	VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	SE/211.6	-1.18	172
56	FST	VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	SE/211.6	-1.18	173

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
56	FSTH	VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	SE/211.6	-1.18	173
56	FSTH	VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	SE/211.6	-1.18	173
56	PRT	VICTORIA SQUARE SERVICE	11087 WOODBINE AV MARKHAM ON L6C1J4	SE/211.6	-1.18	174
56	SCT	Victoria Square Service Centre	11087 Woodbine Ave Markham ON L6C 1J4	SE/211.6	-1.18	174
57	WWIS		lot 27 con 3 ON Well ID: 6911852	SSE/213.8	2.05	174
58	SCT	BAKER'S HARNESS SHOP	11181 WOODBINE AVE GORMLEY ON L0H 1G0	SE/215.8	-4.95	178
58	SCT	BAKER'S HARNESS AND SADDLERY	11181 Woodbine Ave Gormley ON L0H 1G0	SE/215.8	-4.95	178
59	WWIS		ON Well ID: 7281239	SSE/220.5	0.86	178
59	WWIS		ON Well ID: 7295271	SSE/220.5	0.86	179
60	WWIS		ON Well ID: 7306879	S/223.3	-1.01	180
60	WWIS		ON Well ID: 7306880	S/223.3	-1.01	181
61	WWIS		MARKHAM ON Well ID: 7212612	SSE/223.4	0.13	182
62	GEN	Bonzai Landscaping Inc	2705 19th Ave Markham ON L6C 1L7	W/235.9	5.45	185

<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>
63	EHS		2780 19 Ave Markham ON L6C1L6	NW/241.0	5.11	185
64	BORE		ON	N/243.1	12.90	185
65	GEN	Larry Ramanovich	2705 19th Avenue Markham ON L6C 1L7	WNW/243.8	9.05	187
66	EASR	2562961 ONTARIO LTD.	101 Honda BLVD Markham ON L6C 0M6	S/243.9	0.09	187
66	GEN	Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON	S/243.9	0.09	188
66	GEN	Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON	S/243.9	0.09	188
66	GEN	Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON L6C0M6	S/243.9	0.09	188
66	GEN	Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON L6C0M6	S/243.9	0.09	189
66	GEN	Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON L6C0M6	S/243.9	0.09	190
66	GEN	Enbridge Gas Inc.	101 Honda Boulevard Markham ON L6C0M6	S/243.9	0.09	190
66	GEN	Enbridge Gas Inc.	101 Honda Boulevard Markham ON L6C0M6	S/243.9	0.09	191
66	SPL	Enbridge Gas Distribution Inc.	101 Honda Blvd Markham ON	S/243.9	0.09	192
67	EASR	LIVANTE HOLDINGS (VICTORIA SQUARE WOODBINE) INC.	11030 VICTORIA SQUARE BLVD MARKHAM ON L6C 1J5	SSE/245.6	0.67	192

<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>
67	GEN	Atlas Dewatering Inc	11030 Victoria Square Blvd Markham ON L6C 1J5	SSE/245.6	0.67	192
68	WWIS		lot 32 con 4 ON <i>Well ID:</i> 6903399	NNE/246.9	4.40	193
69	WWIS		lot 29 con 3 ON <i>Well ID:</i> 6915258	SW/249.2	2.05	195

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 6 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	7.6	<u>4</u>
	ON	62.1	<u>17</u>
	ON	126.7	<u>32</u>
	ON	142.3	<u>33</u>
	ON	145.4	<u>37</u>
	ON	243.1	<u>64</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE CONSUMERS GAS	11346 WOODBINE AVE,VICTORIA SQ MARKHAM TOWN ON L6C 1J5	64.4	<u>18</u>
Honda Canada Inc.	11258 Woodbine Ave Markham ON	87.4	<u>22</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Fletcher's Fields	2743 19th Avenue Markham ON L6C 1L7	190.7	49

CNG - Compressed Natural Gas Stations

A search of the CNG database, dated Dec 2012 - Aug 2019 has found that there are 2 CNG 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>
Enbridge Training Centre	Private Markham ON L6C 0M6	196.2	50
Enbridge Training Centre	Private Markham ON L6C 0M6	196.2	50

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Sep 30, 2019 has found that there are 3 EASR 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>
ENBRIDGE GAS INC	ON	30.7	9
2562961 ONTARIO LTD.	101 Honda BLVD Markham ON L6C 0M6	243.9	66
LIVANTE HOLDINGS (VICTORIA SQUARE WOODBINE) INC.	11030 VICTORIA SQUARE BLVD MARKHAM ON L6C 1J5	245.6	67

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Sep 30, 2019 has found that there are 2 ECA 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>
Honda Canada Inc.	11258 Woodbine Ave Markham ON M1B 2K8	87.4	22
Honda Canada Inc.	180 Honda Blvd Markham ON M1B 2K8	189.0	48

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2019 has found that there are 8 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2801 19Th Avenue Markham ON	47.2	14
	180 Honda Blvd Markham ON L6C 0H9	144.3	35
	11192 Woodbine Ave Markham ON L6C1J5	153.3	38
	2780 19 Ave Markham ON L6C1L6	179.7	44
	2780 19th Avenue Markham ON L6C 1L6	204.7	52
	2780 Nineteenth Avenue Markham ON	205.0	53
	11087 Victoria Square Boulevard Markham ON L6C 1J5	211.6	56
	2780 19 Ave Markham ON L6C1L6	241.0	63

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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EXP - List of TSSA Expired Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 1 EXP 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>
VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON	211.6	56

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2017 has found that there are 3 FST 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>
VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	211.6	56
VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	211.6	56
VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	211.6	56

FSTH - Fuel Storage Tank - Historic

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	211.6	56
VICTORIA SQUARE SERVICE CENTRE	11087 WOODBINE AV MARKHAM ON L6C 1J4	211.6	56

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 28 GEN 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>
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	64.4	18
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	64.4	18
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	64.4	18
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	64.4	18
Enbridge Gas Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	64.4	18
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	64.4	18
Enbridge Gas Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	64.4	18
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	64.4	18
Toronto Hydro Corporation	2780-19th Avenue Markham ON L6C 1L7	112.5	29

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
HONDA CANADA INC.	180 HONDA BLVD MARKHAM ON L6C 0H9	189.0	<u>48</u>
Bonzai Landscaping Inc	2705 19th Ave Markham ON L6C 1L7	235.9	<u>62</u>
Larry Ramanovich	2705 19th Avenue Markham ON L6C 1L7	243.8	<u>65</u>
Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON	243.9	<u>66</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON	243.9	66
Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON L6C0M6	243.9	66
Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON L6C0M6	243.9	66
Enbridge Gas Distribution Inc.	101 Honda Boulevard Markham ON L6C0M6	243.9	66
Enbridge Gas Inc.	101 Honda Boulevard Markham ON L6C0M6	243.9	66
Enbridge Gas Inc.	101 Honda Boulevard Markham ON L6C0M6	243.9	66
Atlas Dewatering Inc	11030 Victoria Square Blvd Markham ON L6C 1J5	245.6	67

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC 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>
	11258 WOODBINE AVENUE, TORONTO ON	87.4	22

NPRI - National Pollutant Release Inventory

A search of the NPRI database, dated 1993-May 2017 has found that there are 1 NPRI 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>
ENBRIDGE GAS DISTRIBUTION INC	11346 WOODBINE Avenue MARKHAM ON L6C1J5	64.4	18

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VICTORIA SQUARE SERVICE	11087 WOODBINE AV MARKHAM ON L6C1J4	211.6	56

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Sep 30, 2019 has found that there are 1 PTTW 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>
Honda Canada Inc.	ON	60.8	16

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Sep 2019 has found that there are 1 RSC 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>
Honda Canada Inc.	No Municipal Address, MARKHAM ON	120.5	30

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 4 SCT 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>
Honda Canada Inc.	180 Honda Blvd Markham ON L6C 0H9	189.0	48

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Victoria Square Service Centre	11087 Woodbine Ave Markham ON L6C 1J4	211.6	<u>56</u>
BAKER'S HARNESS AND SADDLERY	11181 Woodbine Ave Gormley ON L0H 1G0	215.8	<u>58</u>
BAKER'S HARNESS SHOP	11181 WOODBINE AVE GORMLEY ON L0H 1G0	215.8	<u>58</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2019 has found that there are 9 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>
Enbridge Gas Distribution Inc.	11346 Woodbine Ave; Doane Road and Woodbine Ave Markham; East Gwillimbury ON	64.4	<u>18</u>
Enbridge Gas Distribution Inc.	11346 Woodbine Avenue Markham ON	64.4	<u>18</u>
Enbridge Gas Distribution Inc.	11346 Woodbine Ave Markham ON	64.4	<u>18</u>
	11346 Woodbine Avenue Markham ON	64.4	<u>18</u>
Enbridge Gas Distribution Inc.	11346 Woodbine Ave Markham ON	64.4	<u>18</u>
CONSUMERS GAS	WOODBINE AVE SOUTH OF 19TH LINE NATURAL GAS PIPELINE MARKHAM TOWN ON	107.0	<u>27</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	19th & Woodbine Ave. Markham ON	110.8	<u>28</u>
PowerStream Inc.	180 Honda Blvd Markham ON	189.0	<u>48</u>
Enbridge Gas Distribution Inc.	101 Honda Blvd Markham ON	243.9	<u>66</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 42 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 26 con 4 VICTORIA SQUARE ON <i>Well ID: 7172697</i>	0.8	<u>1</u>
	ON <i>Well ID: 7305415</i>	1.3	<u>2</u>
	ON <i>Well ID: 7306226</i>	7.6	<u>3</u>
	lot 30 con 3 ON <i>Well ID: 6915734</i>	11.0	<u>5</u>
	lot 26 con 4 VICTORIA SQUARE ON <i>Well ID: 7169253</i>	11.7	<u>6</u>
	lot 29 con 3 GORMLEY ON <i>Well ID: 7284230</i>	13.1	<u>7</u>
	lot 30 con 3 ON	13.2	<u>8</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 6910611		
	lot 30 con 3 ON	38.6	<u>10</u>
	<i>Well ID:</i> 6915999		
	lot 31 con 3 ON	42.2	<u>11</u>
	<i>Well ID:</i> 6924496		
	lot 30 con 3 ON	44.0	<u>12</u>
	<i>Well ID:</i> 6910808		
	lot 30 con 3 ON	45.1	<u>13</u>
	<i>Well ID:</i> 6915750		
	lot 32 con 3 ON	48.9	<u>15</u>
	<i>Well ID:</i> 6916006		
	lot 29 con 3 ON	60.8	<u>16</u>
	<i>Well ID:</i> 7278629		
	lot 29 con 3 ON	68.9	<u>19</u>
	<i>Well ID:</i> 6903209		
	lot 30 con 3 ON	74.7	<u>20</u>
	<i>Well ID:</i> 6912456		
	lot 30 con 3 ON	78.4	<u>21</u>
	<i>Well ID:</i> 6910668		
	lot 30 con 3 ON	89.2	<u>23</u>
	<i>Well ID:</i> 6909151		
	lot 30 con 3 ON	93.5	<u>24</u>
	<i>Well ID:</i> 6903211		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 27 con 3 VICTORIA SQUARE ON <i>Well ID:</i> 7168601	95.4	<u>25</u>
	lot 30 con 3 ON <i>Well ID:</i> 7108206	99.5	<u>26</u>
	lot 30 con 3 ON <i>Well ID:</i> 6903213	122.6	<u>31</u>
	lot 30 con 3 ON <i>Well ID:</i> 7108205	144.0	<u>34</u>
	Markham ON <i>Well ID:</i> 7111111	145.0	<u>36</u>
	lot 30 con 4 VICTORIA SQUARE ON <i>Well ID:</i> 7206227	156.5	<u>39</u>
	lot 30 con 3 ON <i>Well ID:</i> 6903214	157.5	<u>40</u>
	ON <i>Well ID:</i> 7223175	167.2	<u>41</u>
	Markham ON <i>Well ID:</i> 7240618	176.3	<u>42</u>
	lot 28 con 4 ON <i>Well ID:</i> 6923464	177.2	<u>43</u>
	ON <i>Well ID:</i> 7206334	183.1	<u>45</u>
	lot 28 con 4 MARKHAM ON	184.1	<u>46</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 6928628		
	lot 28 con 4 ON	188.1	<u>47</u>
	<i>Well ID:</i> 6924904		
	lot 28 con 4 ON	200.2	<u>51</u>
	<i>Well ID:</i> 6903391		
	lot 27 con 3 ON	205.9	<u>54</u>
	<i>Well ID:</i> 7292780		
	ON	207.5	<u>55</u>
	<i>Well ID:</i> 7240617		
	lot 27 con 3 ON	213.8	<u>57</u>
	<i>Well ID:</i> 6911852		
	ON	220.5	<u>59</u>
	<i>Well ID:</i> 7281239		
	ON	220.5	<u>59</u>
	<i>Well ID:</i> 7295271		
	ON	223.3	<u>60</u>
	<i>Well ID:</i> 7306879		
	ON	223.3	<u>60</u>
	<i>Well ID:</i> 7306880		
	MARKHAM ON	223.4	<u>61</u>
	<i>Well ID:</i> 7212612		
	lot 32 con 4 ON	246.9	<u>68</u>
	<i>Well ID:</i> 6903399		

Site

Address

Distance (m)

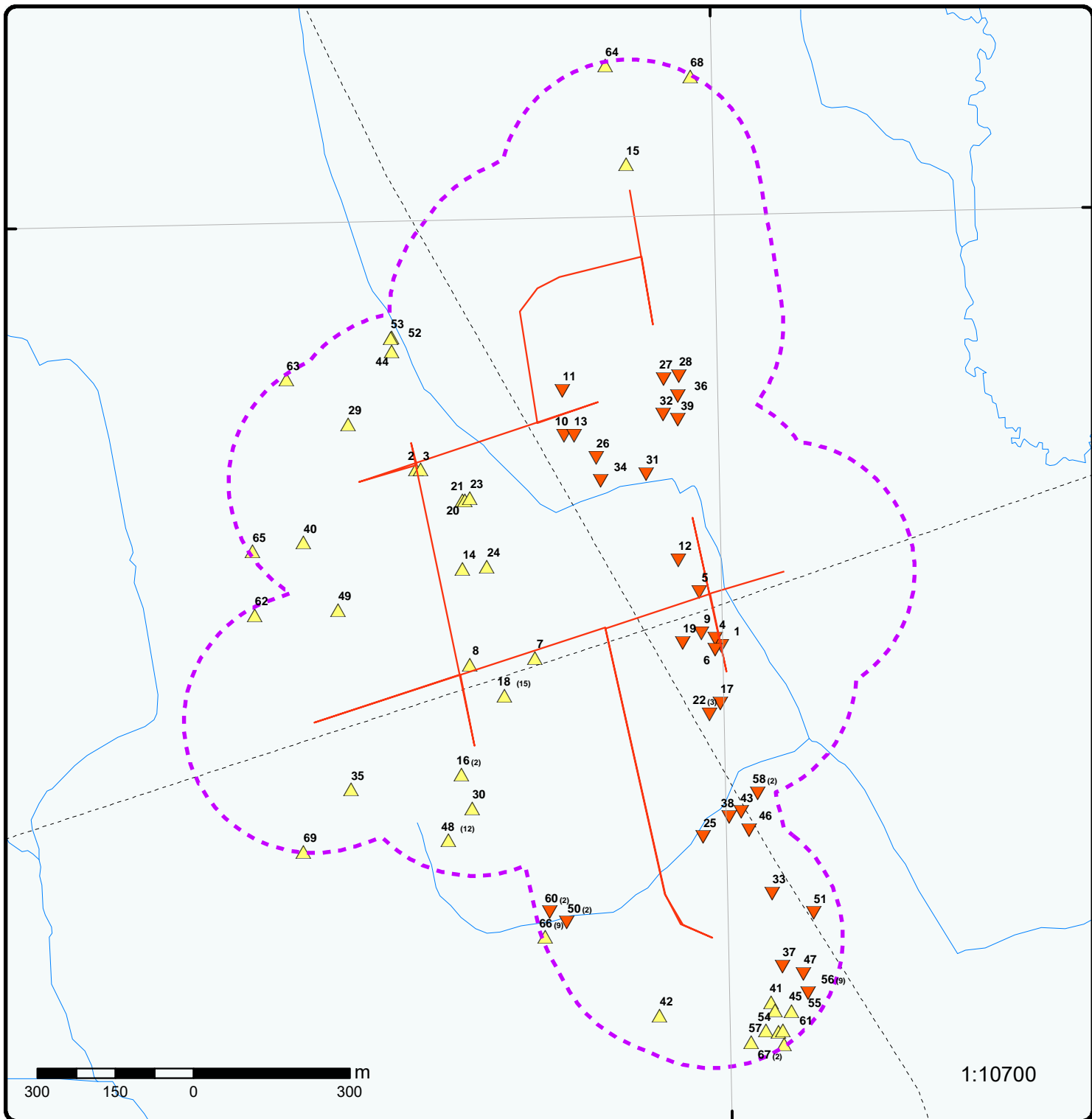
Map Key

lot 29 con 3
ON

249.2

[69](#)

Well ID: 6915258



Map : 0.25 Kilometer Radius

Order No: 20191023162

Address: Honda Road, Markham, ON, L0H



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



180 90 0 180 m

1:7400

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial (2018)

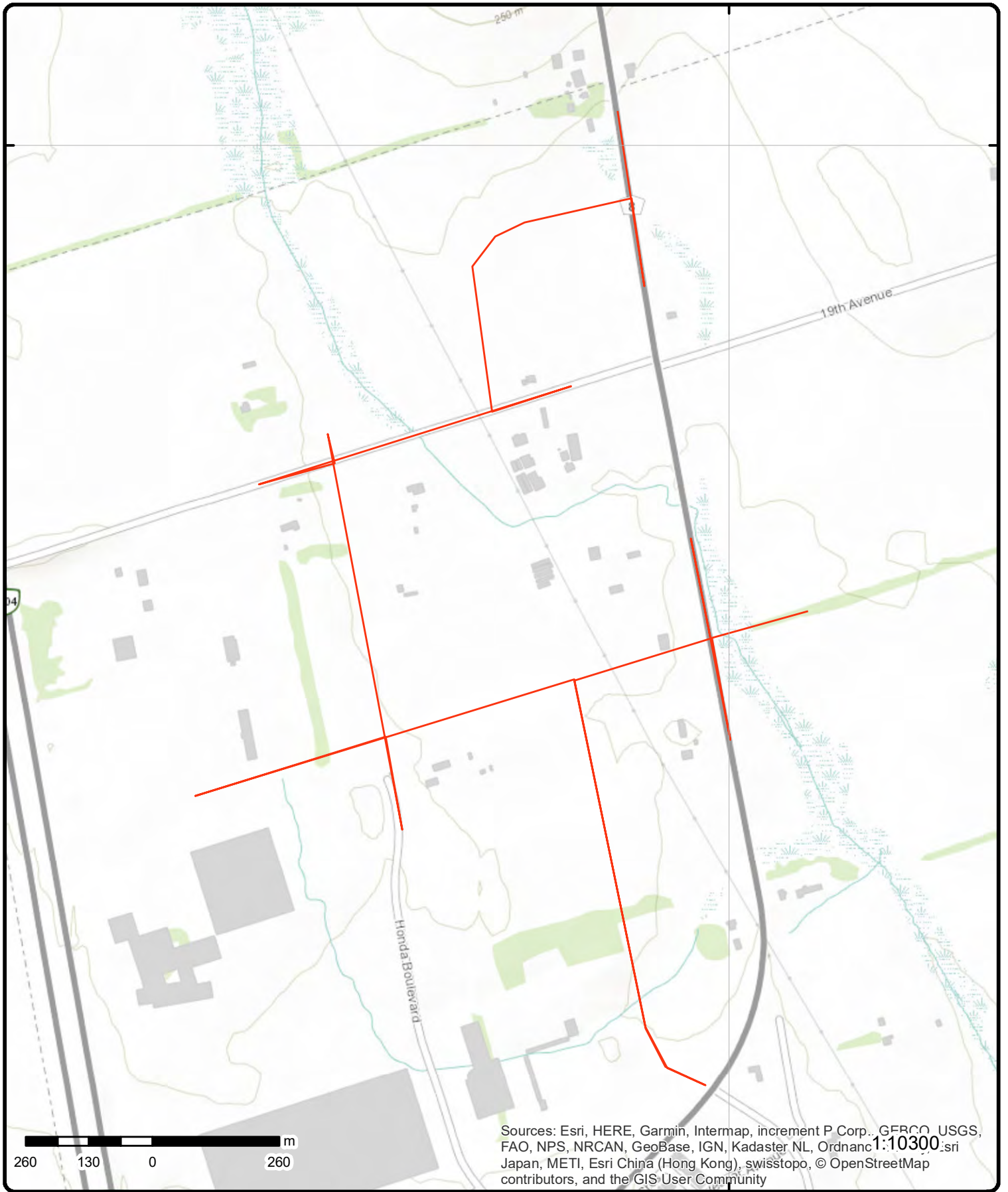
Address: Honda Road, Markham, ON, L0H

Source: ESRI World Imagery

Order No: 20191023162



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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GRCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

Topographic Map

Address: Honda Road, Markham, ON, L0H

Source: ESRI World Topographic Map

Order No: 20191023162



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	E/0.8	232.1 / -5.67	lot 26 con 4 VICTORIA SQUARE ON WWIS

Well ID: 7172697
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z141196
Tag: A124774
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 11/29/2011
Selected Flag: Yes
Abandonment Rec:
Contractor: 5459
Form Version: 7
Owner:
Street Name: 10761 WOODBINE AVE
County: YORK
Municipality: MARKHAM TOWN (MARKHAM TWP)
Site Info:
Lot: 026
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1003614474
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/9/2011
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 235.190719
Elevrc:
Zone: 17
East83: 630457
North83: 4863999
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock

Materials Interval

Formation ID: 1004117626
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3: 77

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		LOOSE			
Formation End Depth:		17			
Formation End Depth UOM:		45			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004117625			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		0			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004117629			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		10			
Other Materials:		COARSE SAND			
Mat3:		63			
Other Materials:		COARSE-GRAINED			
Formation Top Depth:		180			
Formation End Depth:		195			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004117627			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		45			
Formation End Depth:		148			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004117628			
Layer:		4			
Color:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		66			
Other Materials:		DENSE			
Formation Top Depth:		148			
Formation End Depth:		180			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004117649			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004117623			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004117632			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		191			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004117633			
Layer:		1			
Slot:		18			
Screen Top Depth:		192			
Screen End Depth:		195			
Screen Material:		1			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		5			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		1004117624			
Pump Set At:		180			
Static Level:		35			
Final Level After Pumping:		36			
Recommended Pump Depth:					
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004117637			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004117636			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004117645			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004117638			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004117643			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004117640			
Test Type:		Draw Down			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Duration:</i>		15			
<i>Test Level:</i>		36			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117644			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		36			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117639			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		36			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117642			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		36			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117646			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		36			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117634			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		35.8			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117635			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		35.9			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004117641			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		36			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Water Details

Water ID: 1004117631
 Layer: 1
 Kind Code: 8
 Kind: Untested
 Water Found Depth: 195
 Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004117630
 Diameter: 6
 Depth From: 0
 Depth To: 195
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

[2](#) 1 of 1 NW/1.3 239.4 / 1.59 ON [WWIS](#)

Well ID: 7305415	Data Entry Status: Yes
Construction Date:	Data Src:
Primary Water Use:	Date Received: 2/12/2018
Sec. Water Use:	Selected Flag: Yes
Final Well Status:	Abandonment Rec:
Water Type:	Contractor: 6946
Casing Material:	Form Version: 8
Audit No: C39258	Owner:
Tag: A227654	Street Name:
Construction Method:	County: YORK
Elevation (m):	Municipality: MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot:
Well Depth:	Concession:
Overburden/Bedrock:	Concession Name:
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

Bore Hole Information

Bore Hole ID: 1006983872	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 17
Code OB:	East83: 629871
Code OB Desc:	North83: 4864337
Open Hole:	Org CS: UTM83
Cluster Kind:	UTMRC: 4
Date Completed:	UTMRC Desc: margin of error : 30 m - 100 m
Remarks:	Location Method: wwr
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

[3](#) 1 of 1 NW/7.6 239.1 / 1.31 ON [WWIS](#)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	7306226				
Well ID:				Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	2/15/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7437
Casing Material:				Form Version:	8
Audit No:	C38210			Owner:	
Tag:	A227654			Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006990213			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	629880
Code OB Desc:				North83:	4864337
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/5/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

4	1 of 1	E/7.6	232.9 / -4.95	ON	BORE
Borehole ID:	638507			Inclin FLG:	No
OGF ID:	215538904			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	OCT-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.917681
Total Depth m:	1.5			Longitude DD:	-79.375236
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	630445
Drill Method:	Diamond Drill			Northing:	4864013
Orig Ground Elev m:	234			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	235				
Concession:					
Location D:					
Survey D:					
Comments:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218484854			Mat Consistency:	
Top Depth:	.1			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Stones			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:	STONES. GREY,MAN-MADE, AGE POST-GLACIAL.				
Stratum Description:	STONES. GREY,MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484853			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Concrete			Geologic Formation:	
Material 2:	Asphalt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:	CONCRETE,ASPHALT. GREY,MAN-MADE, AGE POST-GLACIAL.				
Stratum Description:	CONCRETE,ASPHALT. GREY,MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484858			Mat Consistency:	
Top Depth:	1.3			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial
Gsc Material Description:	SAND,SILT,GRAVEL, CLAY. BROWN,AGE GLACIAL. 020 019 020 000140220002 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Stratum Description:	SAND,SILT,GRAVEL, CLAY. BROWN,AGE GLACIAL. 020 019 020 000140220002 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218484855			Mat Consistency:	
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Stones			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:	SAND,GRAVEL,STONES. BROWN,AGE POST-GLACIAL.				
Stratum Description:	SAND,GRAVEL,STONES. BROWN,AGE POST-GLACIAL.				
Geology Stratum ID:	218484857			Mat Consistency:	
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:	TILL,SAND,CLAY, GRAVEL. GREY,GLACIAL,AGE GLACIAL.				
Stratum Description:	TILL,SAND,CLAY, GRAVEL. GREY,GLACIAL,AGE GLACIAL.				
Geology Stratum ID:	218484856			Mat Consistency:	
Top Depth:	.4			Material Moisture:	
Bottom Depth:	.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Silt			Geologic Period:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:		LOAM,SAND,SILT. BROWN,AGE GLACIAL.			
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR1B.txt RecordID: 064700 NTS_Sheet: 30M14E				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
5	1 of 1	ENE/11.0	232.9 / -4.95	lot 30 con 3 ON	WWIS
Well ID:	6915734			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/24/1981
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
Bore Hole Information					
Bore Hole ID:	10506289			Elevation:	237.300491
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	630414.7
Code OB Desc:	Overburden			North83:	4864103
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	10/28/1980			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>		932776883			
<i>Layer:</i>		4			
<i>Color:</i>		3			
<i>General Color:</i>		BLUE			
<i>Mat1:</i>		28			
<i>Most Common Material:</i>		SAND			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		70			
<i>Formation End Depth:</i>		81			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>		932776882			
<i>Layer:</i>		3			
<i>Color:</i>		3			
<i>General Color:</i>		BLUE			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>		85			
<i>Other Materials:</i>		SOFT			
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		35			
<i>Formation End Depth:</i>		70			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>		932776880			
<i>Layer:</i>		1			
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>		23			
<i>Most Common Material:</i>		PREVIOUSLY DUG			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		30			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>		932776881			
<i>Layer:</i>		2			
<i>Color:</i>		3			
<i>General Color:</i>		BLUE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11054859			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930819497			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		78			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933394045			
Layer:		1			
Slot:		010			
Screen Top Depth:		78			
Screen End Depth:		81			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996915734			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:		25			
Recommended Pump Depth:		50			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		15			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934628252			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935142922			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934878006			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934360467			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933998933			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			

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E/11.7

232.9 / -4.95

lot 26 con 4
VICTORIA SQUARE ON

WWIS

Well ID: 7169253
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z116017
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src:
Date Received: 9/28/2011
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 5459
Form Version: 7
Owner:
Street Name: 10761 WOODBINE AVE.
County: YORK
Municipality: MARKHAM TOWN (MARKHAM TWP)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Site Info: Lot: 026 Concession: 04 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1003571382 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 9/6/2011 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 235.399719 Elevrc: Zone: 17 East83: 630445 North83: 4863992 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr	
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1003997831 Layer: 4 Plug From: 40 Plug To: 42 Plug Depth UOM: ft					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1003997828 Layer: 1 Plug From: 0 Plug To: 7 Plug Depth UOM: ft					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1003997829 Layer: 2 Plug From: 7 Plug To: 9 Plug Depth UOM: ft					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1003997830 Layer: 3 Plug From: 9 Plug To: 40					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003997832			
Layer:		5			
Plug From:		42			
Plug To:		50			
Plug Depth UOM:		ft			
<u>Pipe Information</u>					
Pipe ID:		1003997821			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003997825			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003997826			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1003997823			
Diameter:		30			
Depth From:		0			
Depth To:		50			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

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1 of 1

WSW/13.1

238.1 / 0.34

lot 29 con 3
GORMLEY ON

WWIS

Well ID:	7284230	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Other	Date Received:	4/3/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	5459
Casing Material:		Form Version:	7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:	Z225706			Owner:	
Tag:				Street Name:	WOODBINE AVE
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	029
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006377296	Elevation:	239.591262
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	630099
Code OB Desc:		North83:	4863976
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	2/24/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1006622497
Layer:	4
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	1006622498
Layer:	5
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006622499			
Layer:		6			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006622496			
Layer:		3			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006622495			
Layer:		2			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006622494			
Layer:		1			
Color:					
General Color:					
Mat1:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006622493			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006622502			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		59			
Casing Diameter:		10			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006622503			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1006622500			
Diameter:		10			
Depth From:		0			
Depth To:		378			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>8</u>	1 of 1	WSW/13.2	239.9 / 2.05	lot 30 con 3 ON	WWIS
Well ID:	6910611			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/13/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3108
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10501256	Elevation:	241.074356
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	629974.7
Code OB Desc:	Overburden	North83:	4863963
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/21/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932751867
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	46
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932751864
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		FILL			
Other Materials:		05			
Mat3:		CLAY			
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:					
Layer:		932751865			
Color:		2			
General Color:		5			
Mat1:		YELLOW			
Most Common Material:		05			
Mat2:		CLAY			
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:					
Layer:		932751869			
Color:		6			
General Color:		3			
Mat1:		BLUE			
Most Common Material:		10			
Mat2:		COARSE SAND			
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		65			
Formation End Depth:		69			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:					
Layer:		932751866			
Color:		3			
General Color:		3			
Mat1:		BLUE			
Most Common Material:		05			
Mat2:		CLAY			
Other Materials:		11			
Mat3:		GRAVEL			
Other Materials:					
Formation Top Depth:		23			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932751868			
Layer:		5			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		52			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11049826			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930813921			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		65			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933390963			
Layer:		1			
Slot:		025			
Screen Top Depth:		65			
Screen End Depth:		69			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996910611			
Pump Set At:					
Static Level:		16			
Final Level After Pumping:		59			
Recommended Pump Depth:		68			
Pumping Rate:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:	3				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934627485				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	25				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934877850				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	16				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934356525				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	35				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935139466				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	16				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	933993849				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	65				
Water Found Depth UOM:	ft				

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1 of 1

E/30.7

232.9 / -4.95

ENBRIDGE GAS INC

EASR

ON

Approval No: R-009-1110210211
Status: REGISTERED
Date: 2017-08-16
Record Type: EASR
Link Source: MOFA

SWP Area Name: Toronto
MOE District: York-Durham
Municipality:
Latitude: 43.91777778
Longitude: -79.37555556

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type:		Water Taking - Construction Dewatering		Geometry X:	
Full Address:				Geometry Y:	
Approval Type:		EASR-Water Taking - Construction Dewatering			
Full PDF Link:		http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2041721			

<u>10</u>	1 of 1	N/38.6	236.7 / -1.10	lot 30 con 3 ON	WWIS
Well ID:	6915999			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/14/1981
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10506542	Elevation:	239.261123
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	x	East83:	630154.7
Code OB Desc:	Unknown type in the lower layers(s)	North83:	4864403
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/16/1981	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932778352
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	17
Formation End Depth:	50

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778353			
Layer:		4			
Color:					
General Color:					
Mat1:		00			
Most Common Material:		UNKNOWN TYPE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		53			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778351			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778350			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		11055112			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930819764			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		53			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933394228			
Layer:		1			
Slot:		016			
Screen Top Depth:		53			
Screen End Depth:		56			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996915999			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934628813			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934361060			
Test Type:		Draw Down			
Test Duration:		15			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:	25				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934878544				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	45				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935143489				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	50				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933999189				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	52				
Water Found Depth UOM:	ft				

<u>11</u>	1 of 1	N/42.2	236.9 / -0.95	lot 31 con 3 ON	WWIS
Well ID:	6924496				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	1
Sec. Water Use:				Date Received:	7/2/1998
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	6874
Audit No:	187680			Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	YORK
Elevation Reliability:				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	031
Overburden/Bedrock:				Concession:	03
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10514774			Elevation:	239.92926
DP2BR:				Elevrc:	
Spatial Status:	Improved			Zone:	17
Code OB:	o			East83:	630152
Code OB Desc:	Overburden			North83:	4864488
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	4
Date Completed:	5/21/1998			UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:		Location Method:			
Elevrc Desc:					
Location Source Date:		As of Fall, 2005			
Improvement Location Source:		YPDT_Master_A.mdb from Conservation Authority Moraine Coalition			
Improvement Location Method:		Map			
Source Revision Comment:		Sourced from Hunter and Assoc. by CAMC. Source notes: HUNTER 2001 ORM AVI STUDY; OBM (UTM 1982); Original units in CAMC's source: UTM NAD83 UTMs and Gnd Elev updated by Hunter Brought into CAMC data on: 02/08/2002. Source ID: 6924496			
Supplier Comment:		Changed from lot/centroid coordinates.			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932823937			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Other Materials:		SANDY			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11063344			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930829137			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		28			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996924496			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		28			
Recommended Pump Depth:		26			
Pumping Rate:		15			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:	2				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	2				
Pumping Duration MIN:	30				
Flowing:	N				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934887484				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	24				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934638503				
Test Type:	Recovery				
Test Duration:	30				
Test Level:	26				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935151381				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	23				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934364587				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	28				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	934006791				
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	28				
Water Found Depth UOM:	ft				
 <u>Water Details</u>					
Water ID:	934006790				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	12				
Water Found Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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12	1 of 1	NE/44.0	233.9 / -3.95	lot 30 con 3 ON	WWIS
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Well ID: 6910808
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/25/1972
Selected Flag: Yes
Abandonment Rec:
Contractor: 5459
Form Version: 1
Owner:
Street Name:
County: YORK
Municipality: MARKHAM TOWN (MARKHAM TWP)
Site Info:
Lot: 030
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10501452
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 10/26/1971
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 236.061477
Elevrc:
Zone: 17
East83: 630374.7
North83: 4864163
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock

Materials Interval

Formation ID: 932752739
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932752740			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932752738			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932752741			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		33			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11050022			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Casing

Casing ID: 930814126
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 33
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996910808
Pump Set At:
Static Level: 4
Final Level After Pumping:
Recommended Pump Depth: 30
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933994043
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 30
Water Found Depth UOM: ft

[13](#) 1 of 1 **N/45.1** **235.9 / -1.92** **lot 30 con 3 ON** **WWIS**

<p> Well ID: 6915750 Construction Date: Primary Water Use: Not Used Sec. Water Use: Domestic Final Well Status: Abandoned-Quality Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): </p>	<p> Data Entry Status: Data Src: 1 Date Received: 3/24/1981 Selected Flag: Yes Abandonment Rec: Contractor: 5459 Form Version: 1 Owner: Street Name: County: YORK Municipality: MARKHAM TOWN (MARKHAM TWP) Site Info: Lot: 030 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: </p>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10506305			Elevation:	239.046127
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	630174.7
Code OB Desc:	Overburden			North83:	4864403
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	10/21/1980			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932777016				
Layer:	5				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:					
Other Materials:					
Formation Top Depth:	36				
Formation End Depth:	48				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932777013				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	12				
Other Materials:	STONES				
Mat3:					
Other Materials:					
Formation Top Depth:	12				
Formation End Depth:	17				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932777012				
Layer:	1				
Color:	6				
General Color:	BROWN				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932777017			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		48			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932777014			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		17			
Formation End Depth:		33			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932777015			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		33			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:					
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11054875				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930819513				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	55				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	933394061				
Layer:	1				
Slot:	025				
Screen Top Depth:	55				
Screen End Depth:	58				
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	6				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	996915750				
Pump Set At:					
Static Level:	15				
Final Level After Pumping:	55				
Recommended Pump Depth:	50				
Pumping Rate:	35				
Flowing Rate:					
Recommended Pump Rate:	25				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934628686				
Test Type:	Draw Down				
Test Duration:	30				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		55			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935142938			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		55			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934878022			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		55			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934360483			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		55			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933998949			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55			
Water Found Depth UOM:		ft			

<u>14</u>	1 of 1	NW/47.2	238.9 / 1.05	2801 19Th Avenue Markham ON	EHS
Order No:	20170906030			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	13-SEP-17			Search Radius (km):	.25
Date Received:	06-SEP-17			X:	-79.381236
Previous Site Name:				Y:	43.918978
Lot/Building Size:					
Additional Info Ordered:					

<u>15</u>	1 of 1	N/48.9	240.8 / 3.05	lot 32 con 3 ON	WWIS
Well ID:	6916006			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/14/1981
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method:				County:	YORK
Elevation (m):				Municipality:	WHITCHURCH-STOUFFVILLE TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	032
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10506549	Elevation:	243.892456
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	630274.7
Code OB Desc:	Overburden	North83:	4864923
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/30/1981	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932778394
Layer:	6
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	111
Formation End Depth:	137
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932778395
Layer:	7
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	137
Formation End Depth:	161

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778392			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		23			
Formation End Depth:		109			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778396			
Layer:		8			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:		62			
Other Materials:		CLEAN			
Formation Top Depth:		161			
Formation End Depth:		166			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778390			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		4			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778397			
Layer:		9			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		166			
Formation End Depth:		170			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778393			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		109			
Formation End Depth:		111			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778391			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:		67			
Other Materials:		DIRTY			
Formation Top Depth:		17			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932778389			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11055119			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930819771			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		162			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933394235			
Layer:		1			
Slot:		020			
Screen Top Depth:		162			
Screen End Depth:		165			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996916006			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		162			
Recommended Pump Depth:		100			
Pumping Rate:		80			
Flowing Rate:					
Recommended Pump Rate:		50			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934361067			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		162			
Test Level UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934629237			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		162			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935143496			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		162			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934878551			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		162			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933999196			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		162			
Water Found Depth UOM:		ft			

[16](#) 1 of 2 **SW/60.8** **239.9 / 2.05** **Honda Canada Inc.** **PTTW**
ON

EBR Registry No:	013-0374	Decision Posted:
Ministry Ref No:	2708-ALKQ58	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:		Act 1:
Notice Date:	June 22, 2017	Act 2:
Proposal Date:	April 24, 2017	Site Location Map:
Year:	2017	
Instrument Type:	(OWRA s. 34) - Permit to Take Water	
Off Instrument Name:		
Posted By:		
Company Name:	Honda Canada Inc.	
Site Address:		
Location Other:		
Proponent Name:		
Proponent Address:	180 Honda boulevard, Markham Ontario, Canada L6C 0H9	
Comment Period:		
URL:		

Site Location Details:

Pumping Well - A213017 Address: Lot: 29, Concession: 3, Geographic Township: MARKHAM, Markham, City, Regional Municipality of York District Office: York-Durham GeoReference: Map Datum: NAD83, Zone: 17, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, Method: GPS, UTM Easting: 629958, UTM Northing: 4863752, , Site #: 7444-ALKQA2 MARKHAM

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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16	2 of 2	SW/60.8	239.9 / 2.05	lot 29 con 3 ON	WWIS
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Well ID:	7278629	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Irrigation	Date Received:	1/10/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1663
Casing Material:		Form Version:	7
Audit No:	Z246595	Owner:	
Tag:	A213017	Street Name:	180 HONDA BLVD
Construction Method:		County:	YORK
Elevation (m):		Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
Well Depth:		Concession:	03
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006330208	Elevation:	240.867385
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	629958
Code OB Desc:		North83:	4863752
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/5/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1006490070
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	01
Other Materials:	FILL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	9
Formation End Depth UOM:	ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			1006490075		
Layer:			6		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			11		
Other Materials:			GRAVEL		
Mat3:					
Other Materials:					
Formation Top Depth:			59		
Formation End Depth:			88		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006490074		
Layer:			5		
Color:			2		
General Color:			GREY		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			11		
Other Materials:			GRAVEL		
Mat3:			12		
Other Materials:			STONES		
Formation Top Depth:			45		
Formation End Depth:			59		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006490072		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			81		
Other Materials:			SANDY		
Mat3:			11		
Other Materials:			GRAVEL		
Formation Top Depth:			12		
Formation End Depth:			37		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006490073		
Layer:			4		
Color:			2		
General Color:			GREY		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			11		
Other Materials:			GRAVEL		
Mat3:					
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		37			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006490076			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		88			
Formation End Depth:		104			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006490071			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Other Materials:		SANDY			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		9			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006490077			
Layer:		8			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		104			
Formation End Depth:		119			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006490104			
Layer:		2			
Plug From:		20			
Plug To:		109			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006490103			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006490068			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006490081			
Layer:		2			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		106			
Depth To:		109			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1006490080			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2			
Depth To:		109			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006490082			
Layer:		1			
Slot:		16			
Screen Top Depth:		109			
Screen End Depth:		118			
Screen Material:		8			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Results of Well Yield Testing</u>					
Pump Test ID:			1006490069		
Pump Set At:			40		
Static Level:			23.1		
Final Level After Pumping:			27		
Recommended Pump Depth:			100		
Pumping Rate:			20		
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			0		
Pumping Duration HR:			1		
Pumping Duration MIN:					
Flowing:			N		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1006490090		
Test Type:			Recovery		
Test Duration:			4		
Test Level:			23.2		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1006490088		
Test Type:			Recovery		
Test Duration:			3		
Test Level:			23.2		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1006490087		
Test Type:			Draw Down		
Test Duration:			3		
Test Level:			26.8		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1006490091		
Test Type:			Draw Down		
Test Duration:			5		
Test Level:			26.8		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1006490085		
Test Type:			Draw Down		
Test Duration:			2		
Test Level:			26.7		
Test Level UOM:			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490089			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		26.8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490096			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		26.9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490099			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		27			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490093			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		26.9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490095			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		26.9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490097			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		26.9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490100			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		27			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006490084			
Test Type:		Recovery			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Duration:</i>			1		
<i>Test Level:</i>			23.4		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006490086		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			2		
<i>Test Level:</i>			23.2		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006490098		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			40		
<i>Test Level:</i>			26.9		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006490083		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			1		
<i>Test Level:</i>			26.5		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006490092		
<i>Test Type:</i>			Recovery		
<i>Test Duration:</i>			5		
<i>Test Level:</i>			23.2		
<i>Test Level UOM:</i>			ft		
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>			1006490094		
<i>Test Type:</i>			Draw Down		
<i>Test Duration:</i>			15		
<i>Test Level:</i>			26.9		
<i>Test Level UOM:</i>			ft		
<u>Water Details</u>					
<i>Water ID:</i>			1006490079		
<i>Layer:</i>			1		
<i>Kind Code:</i>			8		
<i>Kind:</i>			Untested		
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>			ft		
<u>Hole Diameter</u>					
<i>Hole ID:</i>			1006490078		
<i>Diameter:</i>			8.5		
<i>Depth From:</i>			0		
<i>Depth To:</i>			109		
<i>Hole Depth UOM:</i>			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		inch			
17	1 of 1	ESE/62.1	232.8 / -5.05	ON	BORE
Borehole ID:	638506			Inclin FLG:	No
OGF ID:	215538903			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	OCT-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.916555
Total Depth m:	1.5			Longitude DD:	-79.375142
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	630455
Drill Method:	Diamond Drill			Northing:	4863888
Orig Ground Elev m:	233			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	236				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218484847			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Concrete			Geologic Formation:	
Material 2:	Asphalt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CONCRETE, ASPHALT. GREY, MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484852			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	Medium
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	SAND-MEDIUM, SILT, GRAVEL. BROWN, AGE GLACIAL. 008 009 010 0001802000 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218484848			Mat Consistency:	
Top Depth:	.1			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Stones			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	STONES. GREY, MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484851			Mat Consistency:	
Top Depth:	.6			Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth:	.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SAND,CLAY, GRAVEL. GREY,GLACIAL,AGE GLACIAL.				
Geology Stratum ID:	218484849			Mat Consistency:	
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Stones			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND,GRAVEL,STONES. BROWN,AGE POST-GLACIAL.				
Geology Stratum ID:	218484850			Mat Consistency:	
Top Depth:	.5			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Organic			Geologic Period:	
Material 4:				Depositional Gen:	organic
Gsc Material Description:					
Stratum Description:	CLAY,SAND,ORGANIC. BROWN,AGE GLACIAL.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR1B.txt RecordID: 064690 NTS_Sheet: 30M14E				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

18

1 of 15

SW/64.4

239.2 / 1.41

ENBRIDGE CONSUMERS GAS
11346 WOODBINE AVE,VICTORIA SQ
MARKHAM TOWN ON L6C 1J5

CA

Certificate #: 8-3267-99-
Application Year: 99
Issue Date: 10/13/1999
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client City: Client Postal Code: Project Description: EMERGENCY GENERATOR, NA-GAS FIRED BOILER Contaminants: Nitrogen Oxides Emission Control: Enclosure, Silencer					
18	2 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	GEN
Generator No:	ON0060830			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	221210				
SIC Description:	Natural Gas Distribution				
<u>Detail(s)</u>					
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
18	3 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	GEN
Generator No:	ON0060830			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	221210				
SIC Description:	Natural Gas Distribution				
<u>Detail(s)</u>					
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
18	4 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON	GEN
Generator No:	ON0060830			PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2013 221210			Choice of Contact: Co Admin: Phone No Admin: NATURAL GAS DISTRIBUTION	
Detail(s)					
Waste Class: Waste Class Desc:		146		OTHER SPECIFIED INORGANICS	
Waste Class: Waste Class Desc:		212		ALIPHATIC SOLVENTS	
Waste Class: Waste Class Desc:		263		ORGANIC LABORATORY CHEMICALS	
18	5 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0060830 2015 No No 221210			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		263		ORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:		212		ALIPHATIC SOLVENTS	
Waste Class: Waste Class Desc:		146		OTHER SPECIFIED INORGANICS	
18	6 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON0060830 2014 No No 221210			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:	
Detail(s)					
Waste Class: Waste Class Desc:		263		ORGANIC LABORATORY CHEMICALS	
Waste Class: Waste Class Desc:		146		OTHER SPECIFIED INORGANICS	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
18	7 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	GEN
Generator No:	ON0060830			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	146 L				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	263 I				
Waste Class Desc:	Misc. waste organic chemicals				
18	8 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	GEN
Generator No:	ON0060830			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	221210				
SIC Description:	NATURAL GAS DISTRIBUTION				
<u>Detail(s)</u>					
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
18	9 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Inc. 11346 Woodbine Avenue PART LOT 29, CONCESSION 3 MARKHAM ON L6C 1L7	GEN
Generator No:	ON0060830			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
Detail(s)					
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		146 L			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			

18	10 of 15	SW/64.4	239.2 / 1.41	ENBRIDGE GAS DISTRIBUTION INC 11346 WOODBINE Avenue MARKHAM ON L6C1J5	NPRI
NPRI ID:	8800000599			Org ID:	
Other ID:				Submit Date:	
No Other ID:				Last Modified:	
Track ID:				Contact ID:	
Report ID:				Cont Type:	MED
Report Type:				Contact Title:	Ms.
Rpt Type ID:				Cont First Name:	MICHELLE
Report Year:	2004			Cont Last Name:	ADAMS
Not-Current Rpt?:				Contact Position:	EHS Specialist
Yr of Last Filed Rpt:				Contact Fax:	
Fac ID:				Contact Ph.:	
Fac Name:	VICTORIA SQUARE GATE STATION			Cont Area Code:	416
Fac Address1:				Contact Tel.:	4956487
Fac Address2:				Contact Ext.:	
Fac Postal Zip:				Cont Fax Area Cde:	416
Facility Lat:				Contact Fax:	4955523
Facility Long:				Contact Email:	michelle.adams@enbridge.com
DLS (Last Filed Rpt):				Latitude:	
Facility DLS:				Longitude:	
Datum:				UTM Zone:	
Facility Cmnts:				UTM Northing:	
URL:				UTM Easting:	
No of Empl.:	1			Waste Streams:	
Parent Co.:				No Streams:	
No Parent Co.:				Waste Off Sites:	
Pollut Prev Cmnts:				No Off Sites:	
Stacks:				Shutdown:	
No of Stacks:				No of Shutdown:	
Canadian SIC Code (2 digit):					
Canadian SIC Code:					
SIC Code Description:					
American SIC Code:					
NAICS Code (2 digit):	22				
NAICS 2 Description:	Utilities				
NAICS Code (4 digit):	2212				
NAICS 4 Description:	Natural Gas Distribution				
NAICS Code (6 digit):	221210				
NAICS 6 Description:	Natural Gas Distribution				

Substance Release Report

CAS No: 74-82-8
Report ID:
Rpt Period: 2004
Subst Released: Methane
Air:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		11104-93-1			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrogen oxides (expressed as NO2)			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		811-97-2			
Report ID:					
Rpt Period:		2004			
Subst Released:		HFC-134a Hydrofluorocarbon			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M09			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM10 - Particulate Matter <= 10 Microns			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		10024-97-2			
Report ID:					
Rpt Period:		2004			
Subst Released:		Nitrous oxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M08			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM - Total Particulate Matter			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M16			
Report ID:					
Rpt Period:		2004			
Subst Released:		Volatile Organic Compounds (VOCs)			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		124-38-9			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon dioxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		NA - M10			
Report ID:					
Rpt Period:		2004			
Subst Released:		PM2.5 - Particulate Matter <= 2.5 Microns			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		7446-09-5			
Report ID:					
Rpt Period:		2004			
Subst Released:		Sulphur dioxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			
CAS No:		630-08-0			
Report ID:					
Rpt Period:		2004			
Subst Released:		Carbon monoxide			
Air:					
Water:					
Land:					
Total Releases:					
Units:		tonnes			

18	11 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Ave Markham ON	SPL
Ref No:	3177-AEEGHM			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	10/4/2016			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Unknown / N/A			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	11346 Woodbine Ave
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Markham
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/4/2016			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Maintenance			Source Type:	
Site Name:	gas release <UNOFFICIAL>				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site County/District: Site Geo Ref Meth: Incident Summary: TSSA: planned gas release, maintenance Contaminant Qty: 0 n/a					
18	12 of 15	SW/64.4	239.2 / 1.41	11346 Woodbine Avenue Markham ON	SPL
Ref No: 5670-AEDFT8 Site No: NA Incident Dt: 10/3/2016 Year: Incident Cause: Incident Event: Start up/Shut down Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/3/2016 Dt Document Closed: Incident Reason: Maintenance Site Name: Natural gas blow off due to maintenance<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSAfsb: Enbridge - natural gas blowoff for maintenance. Contaminant Qty: 1 other - see incident description					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: 11346 Woodbine Avenue Site District Office: Site Postal Code: Site Region: Site Municipality: Markham Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Notifications Source Type:					

18	13 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Ave Markham ON	SPL
Ref No: 2741-AEGFNU Site No: NA Incident Dt: 10/6/2016 Year: Incident Cause: Incident Event: Process Upset/Malfunction Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 10/6/2016 Dt Document Closed: Incident Reason: Maintenance Site Name: planned gas release<UNOFFICIAL> Site County/District: Site Geo Ref Meth:					
Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: 11346 Woodbine Ave Site District Office: Site Postal Code: Site Region: Site Municipality: Markham Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		TSSA: planned release for maintenance			
Contaminant Qty:		0 n/a			
18	14 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Avenue Markham ON	SPL
Ref No:	2683-AEFGNP			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	10/5/2016			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Application			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	11346 Woodbine Avenue
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Markham
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/5/2016			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Maintenance			Source Type:	
Site Name:	Enbridge Pipeline<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: Enbridge Gas - natural gas purge for pipeline maint; no impacts				
Contaminant Qty:	0 other - see incident description				

18	15 of 15	SW/64.4	239.2 / 1.41	Enbridge Gas Distribution Inc. 11346 Woodbine Ave; Doane Road and Woodbine Ave Markham; East Gwillimbury ON	SPL
Ref No:	1655-AB7FUU			Discharger Report:	
Site No:	NA; NA			Material Group:	
Incident Dt:	2016/06/23			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Other			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	11346 Woodbine Ave; Doane Road and Woodbine Ave
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Markham; East Gwillimbury
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/06/23			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Maintenance			Source Type:	
Site Name:	Woodbine<UNOFFICIAL>; Doane Road<UNOFFICIAL>				
Site County/District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth:					
Incident Summary:		Enbridge natural gas release _ Markham/East Gwillimbury			
Contaminant Qty:		0 other - see incident description			

19	1 of 1	E/68.9	232.9 / -4.95	lot 29 con 3 ON	WWIS
Well ID:		6903209		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Irrigation		Date Received: 10/20/1966	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 1413	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: YORK	
Elevation (m):				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 029	
Well Depth:				Concession: 03	
Overburden/Bedrock:				Concession Name: CON	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10493938	Elevation:	236.400009
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	630383.7
Code OB Desc:	Overburden	North83:	4864005
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	9/8/1966	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932718657
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	67
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718655			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718656			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		22			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718658			
Layer:		5			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		67			
Formation End Depth:		72			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718654			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11042508			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930806175			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		72			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996903209			
Pump Set At:					
Static Level:		1			
Final Level After Pumping:		12			
Recommended Pump Depth:		5			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933986857			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		72			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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[20](#)

1 of 1

NW/74.7

238.0 / 0.22

lot 30 con 3
ON

WWIS

Well ID: 6912456
 Construction Date:
 Primary Water Use: Domestic
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:
 Tag:
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:
 Flowing (Y/N):
 Flow Rate:
 Clear/Cloudy:

Data Entry Status:
 Data Src: 1
 Date Received: 1/30/1975
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 5459
 Form Version: 1
 Owner:
 Street Name:
 County: YORK
 Municipality: MARKHAM TOWN (MARKHAM TWP)
 Site Info:
 Lot: 030
 Concession: 03
 Concession Name: CON
 Easting NAD83:
 Northing NAD83:
 Zone:
 UTM Reliability:

Bore Hole Information

Bore Hole ID: 10503074
 DP2BR:
 Spatial Status:
 Code OB: o
 Code OB Desc: Overburden
 Open Hole:
 Cluster Kind:
 Date Completed: 7/22/1974
 Remarks:
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation: 239.696365
 Elevrc:
 Zone: 17
 East83: 629960.7
 North83: 4864279
 Org CS:
 UTMRC: 4
 UTMRC Desc: margin of error : 30 m - 100 m
 Location Method: p4

Overburden and Bedrock

Materials Interval

Formation ID: 932760307
 Layer: 3
 Color: 3
 General Color: BLUE
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 58
 Formation End Depth: 62
 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932760306			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		25			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932760305			
Layer:		1			
Color:		0			
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11051644			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930815996			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		58			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933391969			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot:		018			
Screen Top Depth:		58			
Screen End Depth:		62			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996912456			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934622696			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934360874			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935144495			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934882773			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933995676			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		58			
Water Found Depth UOM:		ft			

21	1 of 1	NW/78.4	238.0 / 0.22	lot 30 con 3 ON	WWIS
Well ID:	6910668			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/29/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10501313	Elevation:	239.66455
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	629964.7
Code OB Desc:	Overburden	North83:	4864278
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	6/28/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932752132
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:			12		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932752134		
Layer:			4		
Color:			3		
General Color:			BLUE		
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			19		
Formation End Depth:			24		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932752133		
Layer:			3		
Color:			3		
General Color:			BLUE		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			12		
Formation End Depth:			19		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932752131		
Layer:			1		
Color:					
General Color:					
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			1		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932752135		
Layer:			5		
Color:			3		
General Color:			BLUE		
Mat1:			05		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		24			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11049883			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930813981			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		25			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996910668			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:					
Recommended Pump Depth:		20			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933993902			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		24			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
22	1 of 3	ESE/87.4	232.9 / -4.95	Honda Canada Inc. 11258 Woodbine Ave Markham ON	CA
Certificate #:		8217-7SMJ3L			
Application Year:		2009			
Issue Date:		6/4/2009			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
22	2 of 3	ESE/87.4	232.9 / -4.95	Honda Canada Inc. 11258 Woodbine Ave Markham ON M1B 2K8	ECA
Approval No:		8217-7SMJ3L		MOE District: York-Durham	
Approval Date:		2009-06-04		City:	
Status:		Revoked and/or Replaced		Longitude: -79.375145	
Record Type:		ECA		Latitude: 43.91789	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Toronto		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Address:		11258 Woodbine Ave			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/2999-7S8SBM-14.pdf			
22	3 of 3	ESE/87.4	232.9 / -4.95	11258 WOODBINE AVENUE, TORONTO ON	INC
Incident No:		187862			
Incident ID:		2338804			
Attribute Category:		FS-Incident			
Status Code:		Causal Analysis Complete			
Incident Location:		11258 WOODBINE AVENUE, TORONTO - 6" PIPELINE DAMAGE			
Drainage System:					
Sub Surface Contam.:					
Aff. Prop. Use Water:					
Contam. Migrated:					
Contact Natural Env.:					
Near Body of Water:					
Approx. Quant. Rel.:					
Equipment Model:					
Serial No:					
Residential App. Type:					
Commercial App. Type:					
Industrial App. Type:					
Institutional App. Type:					
Venting Type:					
Vent Connector Mater:					
Vent Chimney Mater:					
Pipeline Type:		Service / Riser Distribution Pipeline			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipeline Involved: Pipe Material: Plastic Depth Ground Cover: Regulator Location: Outside Regulator Type: Service Regulator (up to 60 psi intake) Operation Pressure: IP Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Equipment Type: Cylinder Capacity: Cylinder Capac. Units: Cylinder Material Type: Tank Capacity: Fuels Occurrence Type: Fuel Type Involved: Date of Occurrence: Time of Occurrence: Occur Insp Start Date: Any Health Impact: Any Environmental Impact: Was Service Interrupted: Was Property Damaged: Operation Type Involved: Enforcement Policy: Prc Escalation Required: Task No: Notes: Occurrence Narrative: Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Capac: Liquid Prop Notes:					

23	1 of 1	NNW/89.2	237.9 / 0.05	lot 30 con 3 ON	WWIS
Well ID:	6909151			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	5/20/1969
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1104
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10499833	Elevation:	239.58641
DP2BR:		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	17
Code OB:	o			East83:	629974.7
Code OB Desc:	Overburden			North83:	4864283
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	4/10/1969			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 932745488
Layer: 3
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932745486
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932745490
Layer: 5
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 14
Other Materials: HARDPAN
Mat3:
Other Materials:
Formation Top Depth: 108
Formation End Depth: 120

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932745487			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932745489			
Layer:		4			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		108			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932745491			
Layer:		6			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		120			
Formation End Depth:		125			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932745492			
Layer:		7			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		125			
Formation End Depth:		140			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11048403			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930812385			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		128			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933390245			
Layer:		1			
Slot:		012			
Screen Top Depth:		128			
Screen End Depth:		132			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Construction Record - Screen</u>					
Screen ID:		933390246			
Layer:		2			
Slot:		014			
Screen Top Depth:		132			
Screen End Depth:		136			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		996909151			
Pump Set At:					
Static Level:		16			
Final Level After Pumping:		16			
Recommended Pump Depth:		80			
Pumping Rate:		45			
Flowing Rate:					
Recommended Pump Rate:		45			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		7			
Pumping Duration MIN:		0			
Flowing:		N			

Water Details

Water ID:	933992420
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	108
Water Found Depth UOM:	ft

24	1 of 1	NW/93.5	238.2 / 0.39	lot 30 con 3 ON	WWIS
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Well ID:	6903211	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Irrigation	Date Received:	10/26/1964
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	5420
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	YORK
Elevation (m):		Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	030
Well Depth:		Concession:	03
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10493940	Elevation:	239.541809
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	630006.7
Code OB Desc:	Overburden	North83:	4864151
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/28/1964	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932718666			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932718667			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932718668			
Layer:		4			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932718665			
Layer:		1			
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11042510			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930806177			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		45			
Casing Diameter:		34			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996903211			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:					
Recommended Pump Depth:		30			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933986859			
Layer:		1			
Kind Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		40			
Water Found Depth UOM:		ft			

25	1 of 1	SE/95.4	234.9 / -2.90	lot 27 con 3 VICTORIA SQUARE ON	WWIS
Well ID:	7168601			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	9/13/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	5459
Casing Material:				Form Version:	7
Audit No:	Z115996			Owner:	
Tag:				Street Name:	WOODBINE AVE
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	027
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1003565214			Elevation:	236.282379
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	630422
Code OB Desc:				North83:	4863632
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	1/20/2011			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Pipe Information

Pipe ID:	1003937433
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003937438
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003937439			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1003937436			
Diameter:		2			
Depth From:		0			
Depth To:		27			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1003937435			
Diameter:		2			
Depth From:		0			
Depth To:		10			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>26</u>	1 of 1	N/99.5	235.9 / -1.95	lot 30 con 3 ON	WWIS
Well ID:		7108206		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received: 7/15/2008	
Sec. Water Use:		Livestock		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 7108	
Casing Material:				Form Version: 7	
Audit No:		Z86555		Owner:	
Tag:		A069307		Street Name: 2931 19TH AVE	
Construction Method:				County: YORK	
Elevation (m):				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 030	
Well Depth:				Concession: 03	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1001658508		Elevation: 238.152618	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	630217
Code OB Desc:				North83:	4864360
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	6/11/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1001783502
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 0.3
Formation End Depth: 5.1
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1001783501
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0
Formation End Depth: 0.3
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1001783503
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 5.1
Formation End Depth: 15.2
Formation End Depth UOM: m

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001783504			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		15.2			
Formation End Depth:		18.2			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001783509			
Layer:		2			
Plug From:		6			
Plug To:		15			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001783508			
Layer:		1			
Plug From:		0			
Plug To:		6			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001783499			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001783512			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		14			
Depth To:		15.24			
Casing Diameter:		12.7			
Casing Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1001783511			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.7			
Depth To:		15.24			
Casing Diameter:		15.4			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001783514			
Layer:		2			
Slot:		25			
Screen Top Depth:		16.76			
Screen End Depth:		18.2			
Screen Material:		1			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		14.25			
<u>Construction Record - Screen</u>					
Screen ID:		1001783513			
Layer:		1			
Slot:		20			
Screen Top Depth:		15.24			
Screen End Depth:		16.76			
Screen Material:		1			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		14.25			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001783500			
Pump Set At:		15			
Static Level:		2.26			
Final Level After Pumping:		13.4			
Recommended Pump Depth:		15			
Pumping Rate:		40			
Flowing Rate:					
Recommended Pump Rate:		40			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		3			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783515			
Test Type:		Draw Down			
Test Duration:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		5.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783521			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783518			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		8.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783522			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		8.14			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783524			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		7.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783535			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.76			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783523			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783526			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		7.39			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783527			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		6.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783530			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		6.76			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783537			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.81			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783516			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		9.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783517			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783519			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783525			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		6.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783533			
Test Type:		Draw Down			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Duration:</i>		30			
<i>Test Level:</i>		6.68			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783528			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		7.03			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783529			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		5.58			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783538			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		5.9			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783539			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		6.84			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783532			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		6.55			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783520			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		8.47			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783531			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		6.63			
<i>Test Level UOM:</i>		m			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783534			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		6.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783536			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		6.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783540			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		5.8			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001783510			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		15			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001783505			
Diameter:		25.4			
Depth From:		0			
Depth To:		6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001783506			
Diameter:		23.4			
Depth From:		6			
Depth To:		15			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001783507			
Diameter:		15.36			
Depth From:		15			
Depth To:		18.2			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	1 of 1	NNE/107.0	236.9 / -0.95	CONSUMERS GAS WOODBINE AVE SOUTH OF 19TH LINE NATURAL GAS PIPELINE MARKHAM TOWN ON	SPL
Ref No:	31948			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	3/12/1990			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	CONFIRMED			Site Municipality:	27402
Nature of Impact:	Human health			Site Lot:	
Receiving Medium:	AIR			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	3/12/1990			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	GASKET/JOINT			Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	CONSUMERS GAS - GAS LEAK AT REGULATING STATION				
Contaminant Qty:					
28	1 of 1	NNE/110.8	236.9 / -0.95	19th & Woodbine Ave. Markham ON	SPL
Ref No:	8171-8YZKC3			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	12-OCT-12			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Collision/Accident			Sector Type:	Truck - Only Saddle Tanks
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL			Site Address:	19th & Woodbine Ave.
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Markham
Nature of Impact:	Soil Contamination			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scrn:				Site Geo Ref Accu:	
MOE Reported Dt:	12-OCT-12			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Land Spills
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	MVA - Dump Truck<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Unknown Truck: 50 Gallons Diesel to Farmer Field				
Contaminant Qty:	220 L				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	1 of 1	NW/112.5	241.4 / 3.62	Toronto Hydro Corporation 2780-19th Avenue Markham ON L6C 1L7	GEN
Generator No:	ON4562253			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2017			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:		266 T			
Waste Class Desc:		Phenolic waste streams			
30	1 of 1	SSW/120.5	239.9 / 2.05	Honda Canada Inc. No Municipal Address, MARKHAM ON	RSC
RSC ID:	77913			Cert Date:	27-Apr-10
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Community
Curr Property Use:	Community			Qual Person Name:	Barry Holt
Ministry District:	MARKHAM			Stratified (Y/N):	
Filing Date:	2-Jul-10			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	No
Date Returned:				Accuracy Estimate:	21 to 100 meters
Restoration Type:				Telephone:	416-2874555
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect 1686:	No				
Asmt Roll No:					
Prop ID No (PIN):	03054 - 0012 LT				
Property Municipal Address:	No Municipal Address,				
Mailing Address:	715 MILNER AVE, TORONTO, ON, M1B 3C3				
Latitude & Longitude:	43.91482900N 79.38111900W				
UTM Coordinates:	NAD83 17-629979-4863687 (converted from Latitude & Longitude)				
Consultant:					
Filing Owner:					
Legal Desc:	PT LT 29, CON 3 MARKHAM AS IN R486176 ; S/T MA100411, MA25300, MA42512 MARKHAM; S/T EASE IN GROSS OVER PT 1, 65R31471 AS IN YR1385269. The RSC covers only: Parts 7, 9, and 10 as identified on Plan 65R-30858.				
Measurement Method:	Interpolation from a map				
Applicable Standards:	ESA Phase 1				
RSC PDF:					
31	1 of 1	NNE/122.6	234.1 / -3.68	lot 30 con 3 ON	WWIS
Well ID:	6903213			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Irrigation			Date Received:	7/19/1965
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5420
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10493942	Elevation:	236.687835
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	630312.7
Code OB Desc:	Overburden	North83:	4864329
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/1/1965	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	932718677
Layer:	3
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	12
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	932718675
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932718676			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932718678			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		42			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11042512			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930806179			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		42			
Casing Diameter:		34			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		996903213			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:					
Recommended Pump Depth:		40			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933986862			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		12			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933986863			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36			
Water Found Depth UOM:		ft			

<u>32</u>	1 of 1	NNE/126.7	235.9 / -1.95	ON	BORE
Borehole ID:	638508			Inclin FLG:	No
OGF ID:	215538905			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	OCT-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.921569
Total Depth m:	1.5			Longitude DD:	-79.376376
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	630345
Drill Method:	Diamond Drill			Northing:	4864443
Orig Ground Elev m:	236			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	238				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218484860			Mat Consistency:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	.1			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Stones			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		STONES. GREY,MAN-MADE, AGE POST-GLACIAL.			
Geology Stratum ID:	218484862			Mat Consistency:	
Top Depth:	.4			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Organic			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	organic
Gsc Material Description:					
Stratum Description:		SILT,CLAY,ORGANIC, GRAVEL. BROWN,AGE GLACIAL.			
Geology Stratum ID:	218484859			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Concrete			Geologic Formation:	
Material 2:	Asphalt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CONCRETE,ASPHALT. GREY,MAN-MADE, AGE POST-GLACIAL.			
Geology Stratum ID:	218484864			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	Medium
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Clay			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:		SAND-MEDIUM,SILT, GRAVEL,CLAY. BROWN,AGE GLACIAL. 023 028 015 00013 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	218484861			Mat Consistency:	
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Stones			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SAND,GRAVEL,STONES. BROWN,AGE POST-GLACIAL.			
Geology Stratum ID:	218484863			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:		CLAY,SILT,SAND. BROWN,AGE GLACIAL.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR1B.txt RecordID: 064710 NTS_Sheet: 30M14E				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

33	1 of 1	SE/142.3	235.8 / -1.98	ON	BORE
Borehole ID:	638505			Inclin FLG:	No
OGF ID:	215538902			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	OCT-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.913252
Total Depth m:	1.5			Longitude DD:	-79.373987
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	630555
Drill Method:	Diamond Drill			Northing:	4863523
Orig Ground Elev m:	235			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	236				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218484846			Mat Consistency:	
Top Depth:	1.2			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SAND,CLAY, GRAVEL. GREY,GLACIAL,AGE GLACIAL. 022 017 009 00014 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218484841			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:	Concrete			Geologic Formation:	
Material 2:	Asphalt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CONCRETE, ASPHALT. GREY, MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484842			Mat Consistency:	
Top Depth:	.1			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Stones			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	STONES. GREY, MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484843			Mat Consistency:	
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Stones			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND, GRAVEL, STONES. BROWN, AGE POST-GLACIAL.				
Geology Stratum ID:	218484845			Mat Consistency:	
Top Depth:	.7			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	CLAY, SILT, SAND. BROWN, AGE GLACIAL.				
Geology Stratum ID:	218484844			Mat Consistency:	
Top Depth:	.4			Material Moisture:	
Bottom Depth:	.7			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Organic			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	organic
Gsc Material Description:					
Stratum Description:	SILT, CLAY, ORGANIC, GRAVEL. BROWN, AGE GLACIAL.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: TOR1B.txt RecordID: 064680 NTS_Sheet: 30M14F				
Confiden 1:	Reliable information but incomplete.				

Source List

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

34	1 of 1	NNE/144.0	234.9 / -2.95	lot 30 con 3 ON	WWIS
Well ID:	7108205			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	7/15/2008
Sec. Water Use:	Irrigation			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	7108
Casing Material:				Form Version:	7
Audit No:	Z86554			Owner:	
Tag:	A069306			Street Name:	2931 19TH AVE.
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1001658505	Elevation:	237.499053
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	630226
Code OB Desc:		North83:	4864316
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	6/9/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1001783351
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	15.2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:			17.6		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1001783353		
Layer:			6		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			11		
Other Materials:			GRAVEL		
Mat3:			79		
Other Materials:			PACKED		
Formation Top Depth:			49		
Formation End Depth:			53		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1001783352		
Layer:			5		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			12		
Other Materials:			STONES		
Mat3:			73		
Other Materials:			HARD		
Formation Top Depth:			17.6		
Formation End Depth:			49		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1001783348		
Layer:			1		
Color:			8		
General Color:			BLACK		
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:			85		
Other Materials:			SOFT		
Formation Top Depth:			0		
Formation End Depth:			0.3		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1001783349		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			05		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:		78			
Other Materials:		MEDIUM-GRAINED			
Formation Top Depth:		0.3			
Formation End Depth:		3.6			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001783350			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		78			
Other Materials:		MEDIUM-GRAINED			
Formation Top Depth:		3.6			
Formation End Depth:		15.2			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001783358			
Layer:		2			
Plug From:		6			
Plug To:		48			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001783357			
Layer:		1			
Plug From:		0			
Plug To:		6			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001783346			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		1001783361			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		47.5			
Depth To:		48.7			
Casing Diameter:		10.16			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1001783362			
Layer:		3			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1001783360			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.7			
Depth To:		48.1			
Casing Diameter:		15.4			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001783364			
Layer:		2			
Slot:		14			
Screen Top Depth:		48.7			
Screen End Depth:		50.5			
Screen Material:		1			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		12			
<u>Construction Record - Screen</u>					
Screen ID:		1001783363			
Layer:		1			
Slot:		16			
Screen Top Depth:		50.5			
Screen End Depth:		53			
Screen Material:		1			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		12			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001783347			
Pump Set At:		47			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:			1.71		
Final Level After Pumping:			44.3		
Recommended Pump Depth:			47		
Pumping Rate:			24		
Flowing Rate:					
Recommended Pump Rate:			22		
Levels UOM:			m		
Rate UOM:			LPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			0		
Pumping Duration HR:			3		
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1001783366		
Test Type:			Recovery		
Test Duration:			1		
Test Level:			42.96		
Test Level UOM:			m		
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1001783369		
Test Type:			Draw Down		
Test Duration:			3		
Test Level:			5.13		
Test Level UOM:			m		
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1001783388		
Test Type:			Recovery		
Test Duration:			50		
Test Level:			15.34		
Test Level UOM:			m		
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1001783389		
Test Type:			Draw Down		
Test Duration:			60		
Test Level:			19.14		
Test Level UOM:			m		
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1001783371		
Test Type:			Draw Down		
Test Duration:			4		
Test Level:			5.83		
Test Level UOM:			m		
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1001783376		
Test Type:			Recovery		
Test Duration:			10		
Test Level:			33.32		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783379			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		12.9			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783385			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		16.96			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783390			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		13.49			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783374			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		38.18			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783375			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		9.21			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783377			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		11.26			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001783378			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		29.38			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001783386			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		17.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783365			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		3.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783370			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		40.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783373			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783380			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		26.16			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783383			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783367			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.43			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783372			
Test Type:		Recovery			
Test Duration:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		39.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783387			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		18.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783368			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		41.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783381			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783382			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		23.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001783384			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		21.29			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001783359			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		48.7			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001783356			
Diameter:		12.7			
Depth From:		48.1			
Depth To:		53			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Hole Diameter

Hole ID: 1001783354
Diameter: 25.4
Depth From: 0
Depth To: 6
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1001783355
Diameter: 22.8
Depth From: 6
Depth To: 48.1
Hole Depth UOM: m
Hole Diameter UOM: cm

[35](#) 1 of 1 SW/144.3 239.9 / 2.05 180 Honda Blvd Markham ON L6C 0H9 EHS

Order No:	20180905313	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Site Report	Client Prov/State:	ON
Report Date:	06-SEP-18	Search Radius (km):	.001
Date Received:	05-SEP-18	X:	-79.383997
Previous Site Name:		Y:	43.915193
Lot/Building Size:			
Additional Info Ordered:			

[36](#) 1 of 1 NNE/145.0 236.9 / -0.95 Markham ON WWIS

Well ID:	7111111	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring	Date Received:	9/8/2008
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6809
Casing Material:		Form Version:	7
Audit No:	Z80079	Owner:	
Tag:	A066766	Street Name:	WOODBINE AVENIE & 19TH AVENUE
Construction Method:		County:	YORK
Elevation (m):		Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1001786185	Elevation:	238.354095
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	630373

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	4864479
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	6/2/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1001816900
Layer: 2
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 84
Other Materials: SILTY
Mat3: 91
Other Materials: WATER-BEARING
Formation Top Depth: 1
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1001816899
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1001816901
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 34
Other Materials: TILL
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 15
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>			1001816903		
<i>Layer:</i>			1		
<i>Plug From:</i>			0		
<i>Plug To:</i>			8		
<i>Plug Depth UOM:</i>			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>			1001816904		
<i>Layer:</i>			2		
<i>Plug From:</i>			8		
<i>Plug To:</i>			15		
<i>Plug Depth UOM:</i>			ft		
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>			E		
<i>Method Construction:</i>			Auger		
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>			1001816898		
<i>Casing No:</i>			0		
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>			1001816906		
<i>Layer:</i>			1		
<i>Material:</i>			5		
<i>Open Hole or Material:</i>			PLASTIC		
<i>Depth From:</i>			0		
<i>Depth To:</i>			10		
<i>Casing Diameter:</i>			2		
<i>Casing Diameter UOM:</i>			inch		
<i>Casing Depth UOM:</i>			ft		
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>			1001816907		
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>					
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					
<u>Hole Diameter</u>					
<i>Hole ID:</i>			1001816902		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Diameter:		8.25			
Depth From:		0			
Depth To:		15			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

37	1 of 1	SE/145.4	237.8 / 0.00	ON	BORE
Borehole ID:	638504			Inclin FLG:	No
OGF ID:	215538901			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	OCT-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.911988
Total Depth m:	1.5			Longitude DD:	-79.373772
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	630575
Drill Method:	Diamond Drill			Northing:	4863383
Orig Ground Elev m:	236			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	238				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218484838			Mat Consistency:	
Top Depth:	.2			Material Moisture:	
Bottom Depth:	.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Stones			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	STONES,SILT. BROWN,AGE POST-GLACIAL.				
Geology Stratum ID:	218484840			Mat Consistency:	
Top Depth:	.8			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SAND,CLAY, GRAVEL. GREY,GLACIAL,AGE GLACIAL. 016 019 00015014000250120 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218484836			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Concrete			Geologic Formation:	
Material 2:	Asphalt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Stratum Description: CONCRETE, ASPHALT. GREY, MAN-MADE, AGE POST-GLACIAL.

Geology Stratum ID:	218484839	Mat Consistency:	
Top Depth:	.5	Material Moisture:	
Bottom Depth:	.8	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Topsoil	Geologic Formation:	
Material 2:	Clay	Geologic Group:	
Material 3:	Silt	Geologic Period:	
Material 4:		Depositional Gen:	glacial

Gsc Material Description:
Stratum Description: LOAM, CLAY, SILT. BROWN, AGE GLACIAL.

Geology Stratum ID:	218484837	Mat Consistency:	
Top Depth:	.1	Material Moisture:	
Bottom Depth:	.2	Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Stones	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	

Gsc Material Description:
Stratum Description: STONES. GREY, MAN-MADE, AGE POST-GLACIAL.

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Vertical da:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: TOR1B.txt RecordID: 064670 NTS_Sheet: 30M12F		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

38 1 of 1 **SE/153.3** **233.9 / -3.88** **11192 Woodbine Ave**
Markham ON L6C1J5 **EHS**

Order No:	20131023008	Nearest Intersection:	
Status:	C	Municipality:	Markham
Report Type:	RSC Premium Package (Urban)	Client Prov/State:	ON
Report Date:	31-OCT-13	Search Radius (km):	.3
Date Received:	23-OCT-13	X:	-79.374971
Previous Site Name:		Y:	43.914593
Lot/Building Size:	2200 m2		
Additional Info Ordered:	City Directory		

39 1 of 1 **NNE/156.5** **235.8 / -1.96** **lot 30 con 4**
VICTORIA SQUARE ON **WWIS**

Well ID:	7206227	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Not Used	Date Received:	8/15/2013

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	5459
Casing Material:				Form Version:	7
Audit No:	Z168232			Owner:	
Tag:	A026509			Street Name:	WOODLINE AVE.
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1004511468			Elevation:	237.732299
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	630373
Code OB Desc:				North83:	4864433
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	7/30/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1004984400				
Layer:	1				
Plug From:					
Plug To:	0				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1004984402				
Layer:	3				
Plug From:	42				
Plug To:	40				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1004984403				
Layer:	4				
Plug From:	52				
Plug To:	42				
Plug Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Annular Space/Abandonment
Sealing Record

Plug ID: 1004984401
 Layer: 2
 Plug From: 40
 Plug To: 0
 Plug Depth UOM: ft

Pipe Information

Pipe ID: 1004984392
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1004984396
 Layer: 1
 Material: 5
 Open Hole or Material: PLASTIC
 Depth From: 42
 Depth To: 0
 Casing Diameter: 2
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004984397
 Layer: 1
 Slot:
 Screen Top Depth: 52
 Screen End Depth: 42
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 2

Hole Diameter

Hole ID: 1004984394
 Diameter: 2
 Depth From: 0
 Depth To: 52
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

40	1 of 1	WNW/157.5	245.1 / 7.32	lot 30 con 3 ON	WWIS
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Well ID: 6903214
 Construction Date:
 Primary Water Use: Public
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:

Data Entry Status:
 Data Src: 1
 Date Received: 1/28/1966
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 2407
 Form Version: 1
 Owner:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	030
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10493943	Elevation:	244.119445
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	629654.7
Code OB Desc:	Overburden	North83:	4864197
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/20/1965	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932718684
Layer:	6
Color:	8
General Color:	BLACK
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	156
Formation End Depth:	160
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932718679
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718682			
Layer:		4			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		90			
Formation End Depth:		130			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718683			
Layer:		5			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		130			
Formation End Depth:		156			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718680			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932718681			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Mat2:</i>		12			
<i>Other Materials:</i>		STONES			
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		20			
<i>Formation End Depth:</i>		90			
<i>Formation End Depth UOM:</i>		ft			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		1			
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		11042513			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930806180			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		156			
<i>Casing Diameter:</i>		7			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		933387456			
<i>Layer:</i>		1			
<i>Slot:</i>		018			
<i>Screen Top Depth:</i>		156			
<i>Screen End Depth:</i>		160			
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		6.625			
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		996903214			
<i>Pump Set At:</i>					
<i>Static Level:</i>		25			
<i>Final Level After Pumping:</i>		105			
<i>Recommended Pump Depth:</i>		156			
<i>Pumping Rate:</i>		36			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		6			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933986864				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	156				
Water Found Depth UOM:	ft				

41	1 of 1	SSE/167.2	238.9 / 1.07	ON	WWIS
Well ID:	7223175			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	5/24/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7147
Casing Material:				Form Version:	8
Audit No:	C19703			Owner:	
Tag:	A137272			Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<u>Bore Hole Information</u>					
Bore Hole ID:	1004901631			Elevation:	239.693176
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	630553
Code OB Desc:				North83:	4863315
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	5/8/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

42	1 of 1	SSE/176.3	239.9 / 2.05	Markham ON	WWIS
Well ID:	7240618			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	4/27/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Contractor:	7360
Casing Material:				Form Version:	7
Audit No:	Z192088			Owner:	
Tag:	A182088			Street Name:	WOODBINE AVE
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1005330482	Elevation:	242.779403
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	630339
Code OB Desc:		North83:	4863290
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/14/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005543034
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1005543033
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005543043				
Layer:	1				
Plug From:	21				
Plug To:	18				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005543044				
Layer:	2				
Plug From:	11				
Plug To:	0				
Plug Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1005543032				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1005543037				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	23				
Casing Diameter:	0.75				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	1005543038				
Layer:	2				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	13				
Casing Diameter:	0.75				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Screen

Screen ID: 1005543040
 Layer: 2
 Slot: .10
 Screen Top Depth: 13
 Screen End Depth: 18
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 0.75

Construction Record - Screen

Screen ID: 1005543039
 Layer: 1
 Slot: .10
 Screen Top Depth: 23
 Screen End Depth: 33
 Screen Material: 5
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter: 0.75

Water Details

Water ID: 1005543036
 Layer: 1
 Kind Code: 8
 Kind: Untested
 Water Found Depth: 25
 Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005543035
 Diameter: 6
 Depth From: 0
 Depth To: 40
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

[43](#) 1 of 1 SE/177.2 234.0 / -3.84 lot 28 con 4 ON WWIS

Well ID: 6923464	Data Entry Status: 1
Construction Date:	Data Src: 12/11/1995
Primary Water Use: Domestic	Date Received: Yes
Sec. Water Use:	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 5459
Casing Material:	Form Version: 1
Audit No: 166852	Owner:
Tag:	Street Name:
Construction Method:	County: YORK
Elevation (m):	Municipality: MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 028
Well Depth:	Concession: 04
Overburden/Bedrock:	Concession Name: CON
Pump Rate:	Easting NAD83:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10513766			Elevation:	237.457794
DP2BR:				Elevrc:	
Spatial Status:	Improved			Zone:	17
Code OB:	o			East83:	630495
Code OB Desc:	Overburden			North83:	4863680
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	4
Date Completed:	11/23/1995			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:	As of Fall, 2005				
Improvement Location Source:	YPDT_Master_A.mdb from Conservation Authority Moraine Coalition				
Improvement Location Method:	Map				
Source Revision Comment:	Sourced from Hunter and Assoc. by CAMC. Source notes: HUNTER 2001 ORM AVI STUDY; OBM (UTM 1982); Original units in CAMC's source: UTM NAD83 UTMs and Gnd Elev updated by Hunter Brought into CAMC data on: 02/08/2002. Source ID: 6923464				
Supplier Comment:	Changed from lot/centroid coordinates.				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932819366				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	85				
Other Materials:	SOFT				
Mat3:					
Other Materials:					
Formation Top Depth:	32				
Formation End Depth:	50				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932819364				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	73				
Other Materials:	HARD				
Mat3:					
Other Materials:					
Formation Top Depth:	10				
Formation End Depth:	24				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932819363			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932819369			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		10			
Other Materials:		COARSE SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		67			
Formation End Depth:		72			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932819368			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		61			
Formation End Depth:		67			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932819365			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		24			
Formation End Depth:		32			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932819367			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		61			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933216531			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1			
Method Construction Code:		Cable Tool			
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11062336			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930828056			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		69			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933399188			
Layer:		1			
Slot:		018			
Screen Top Depth:		69			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:		72			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996923464			
Pump Set At:					
Static Level:		0			
Final Level After Pumping:		35			
Recommended Pump Depth:		60			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935150321			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934877163			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934637324			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934362365			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934005989			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		67			
Water Found Depth UOM:		ft			
44	1 of 1	NNW/179.7	238.9 / 1.05	2780 19 Ave Markham ON L6C1L6	EHS
Order No:		20170713022		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State:	ON
Report Date:		20-JUL-17		Search Radius (km):	.25
Date Received:		13-JUL-17		X:	-79.382817
Previous Site Name:				Y:	43.922757
Lot/Building Size:					
Additional Info Ordered:					
45	1 of 1	SSE/183.1	238.7 / 0.89	ON	WWIS
Well ID:		7206334		Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/16/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	7215
Casing Material:				Form Version:	8
Audit No:		C22820		Owner:	
Tag:		A145100		Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1004525662		Elevation:	239.843566
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	630560
Code OB Desc:				North83:	4863300
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		6/21/2013		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
46	1 of 1	SE/184.1	233.9 / -3.92	lot 28 con 4 MARKHAM ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	6928628			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	1/19/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5459
Casing Material:				Form Version:	3
Audit No:	Z16095			Owner:	
Tag:	A016032			Street Name:	11182 WOODBINE AVE
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	028
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	11329677			Elevation:	236.505981
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	630510
Code OB Desc:	Overburden			North83:	4863645
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	9
Date Completed:	11/16/2004			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	933036697
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	5
Formation End Depth:	21
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	933036698
Layer:	4
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		28			
Most Common Material:		SAND			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		21			
Formation End Depth:		22			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933036695			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		0.6			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933036696			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0.6			
Formation End Depth:		5			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933286176			
Layer:		1			
Plug From:		0			
Plug To:		6			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		11344532			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930872566			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		21			
Casing Diameter:		15.8			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		933416685			
Layer:		1			
Slot:		016			
Screen Top Depth:		21			
Screen End Depth:		22			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		15.2			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11354085			
Pump Set At:		19			
Static Level:		1.2			
Final Level After Pumping:		14.6			
Recommended Pump Depth:		19			
Pumping Rate:		106			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11532418			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		14.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11532417			
Test Type:		Draw Down			
Test Duration:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		1.2			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934070548			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		21			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11548743			
Diameter:		21.6			
Depth From:		0			
Depth To:		6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11548744			
Diameter:		16.5			
Depth From:		6			
Depth To:		22			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
47	1 of 1	SE/188.1	236.6 / -1.17	lot 28 con 4 ON	WWIS
Well ID:		6924904		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 6/25/1999	
Sec. Water Use:				Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 5459	
Casing Material:				Form Version: 1	
Audit No:		195481		Owner:	
Tag:				Street Name:	
Construction Method:				County: YORK	
Elevation (m):				Municipality: MARKHAM TOWN (MARKHAM TWP)	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 028	
Well Depth:				Concession: 04	
Overburden/Bedrock:				Concession Name: CON	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		10515182		Elevation: 238.027832	
DP2BR:				Elevrc:	
Spatial Status:		Improved		Zone: 17	
Code OB:		o		East83: 630615	
Code OB Desc:		Overburden		North83: 4863369	
Open Hole:				Org CS: N83	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	6/14/1999			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:	As of Fall, 2005				
Improvement Location Source:	YPDT_Master_A.mdb from Conservation Authority Moraine Coalition				
Improvement Location Method:	Map				
Source Revision Comment:	Sourced from Hunter and Assoc. by CAMC. Source notes: HUNTER 2001 ORM AVI STUDY; OBM (UTM 1982); Original units in CAMC's source: UTM NAD83 UTMs and Gnd Elev updated by Hunter Brought into CAMC data on: 02/08/2002. Source ID: 6924904				
Supplier Comment:	Changed from lot/centroid coordinates.				

**Overburden and Bedrock
Materials Interval**

Formation ID: 932825791
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 31
Other Materials: COARSE GRAVEL
Formation Top Depth: 75
Formation End Depth: 82
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932825789
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3: 12
Other Materials: STONES
Formation Top Depth: 2
Formation End Depth: 12
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932825788
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932825790			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		12			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933218252			
Layer:		1			
Plug From:		9			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11063752			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930829532			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		79			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933400012			
Layer:		1			
Slot:		014			
Screen Top Depth:		79			
Screen End Depth:		82			
Screen Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996924904			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:		20			
Recommended Pump Depth:		40			
Pumping Rate:		30			
Flowing Rate:					
Recommended Pump Rate:		15			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934365211			
Test Type:					
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934631442			
Test Type:					
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935151724			
Test Type:					
Test Duration:		60			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934888481			
Test Type:					
Test Duration:		45			
Test Level:		20			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934007083			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		75			
Water Found Depth UOM:		ft			

48	1 of 12	SSW/189.0	238.9 / 1.05	Honda Canada Inc. 180 Honda Blvd Markham ON M1B 2K8	ECA
Approval No:	1618-8F6Q9V			MOE District:	York-Durham
Approval Date:	2011-03-31			City:	
Status:	Approved			Longitude:	-79.380226
Record Type:	ECA			Latitude:	43.911713
Link Source:	IDS			Geometry X:	
SWP Area Name:	Toronto			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	180 Honda Blvd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8256-87YRNN-14.pdf				

48	2 of 12	SSW/189.0	238.9 / 1.05	HONDA CANADA INC. 180 HONDA BLVD MARKHAM ON L6C 0H9	GEN
Generator No:	ON4177820			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561210				
SIC Description:	Facilities Support Services				
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

48	3 of 12	SSW/189.0	238.9 / 1.05	HONDA CANADA INC. 180 HONDA BLVD MARKHAM ON L6C 0H9	GEN
Generator No:	ON4177820			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561210				
SIC Description:	Facilities Support Services				
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			

48	4 of 12	SSW/189.0	238.9 / 1.05	HONDA CANADA INC. 180 HONDA BLVD MARKHAM ON L6C 0H9	GEN
Generator No:	ON4177820			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561210				
SIC Description:	Facilities Support Services				
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

48	5 of 12	SSW/189.0	238.9 / 1.05	HONDA CANADA INC. 180 HONDA BLVD MARKHAM ON	GEN
Generator No:	ON4177820			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	561210				
SIC Description:	FACILITIES SUPPORT SERVICES				
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		251			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			

[48](#) 6 of 12 **SSW/189.0** **238.9 / 1.05** **HONDA CANADA INC.
180 HONDA BLVD
MARKHAM ON L6C 0H9** **GEN**

Generator No:	ON4177820	PO Box No:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Delfin Sia
MHSW Facility:	No	Phone No Admin:	647-203-1151 Ext.
SIC Code:	561210		
SIC Description:	FACILITIES SUPPORT SERVICES		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	150
Waste Class Desc:	INERT INORGANIC WASTES
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES

[48](#) 7 of 12 **SSW/189.0** **238.9 / 1.05** **HONDA CANADA INC.
180 HONDA BLVD
MARKHAM ON L6C 0H9** **GEN**

Generator No:	ON4177820	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Delfin Sia
MHSW Facility:	No	Phone No Admin:	647-203-1151 Ext.
SIC Code:	561210		
SIC Description:	FACILITIES SUPPORT SERVICES		

Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		150			
Waste Class Desc:		INERT INORGANIC WASTES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

[48](#) 8 of 12 **SSW/189.0** **238.9 / 1.05** **HONDA CANADA INC.**
180 HONDA BLVD
MARKHAM ON L6C 0H9 **GEN**

Generator No:	ON4177820	PO Box No:	
Status:		Country:	Canada
Approval Years:	2014	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	Delfin Sia
MHSW Facility:	No	Phone No Admin:	647-203-1151 Ext.
SIC Code:	561210		
SIC Description:	FACILITIES SUPPORT SERVICES		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	150
Waste Class Desc:	INERT INORGANIC WASTES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

[48](#) 9 of 12 **SSW/189.0** **238.9 / 1.05** **HONDA CANADA INC.**
180 HONDA BLVD
MARKHAM ON L6C 0H9 **GEN**

Generator No:	ON4177820	PO Box No:	L6C 0H9
Status:	Registered	Country:	Canada
Approval Years:	As of Dec 2018	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	150 L
Waste Class Desc:	Inert organic wastes
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213 L			
Waste Class Desc:		Petroleum distillates			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
48	10 of 12	SSW/189.0	238.9 / 1.05	HONDA CANADA INC. 180 HONDA BLVD MARKHAM ON L6C 0H9	GEN
Generator No:		ON4177820		PO Box No:	L6C 0H9
Status:		Registered		Country:	Canada
Approval Years:		As of Jul 2019		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		150 L			
Waste Class Desc:		Inert organic wastes			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		213 L			
Waste Class Desc:		Petroleum distillates			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		265 L			
Waste Class Desc:		Graphic arts wastes			
48	11 of 12	SSW/189.0	238.9 / 1.05	Honda Canada Inc. 180 Honda Blvd Markham ON L6C 0H9	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established:		01-AUG-69			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other New Motor Vehicle Parts and Accessories Wholesaler-Distributors			
SIC/NAICS Code:		415290			
Description:		New and Used Automobile and Light-Duty Truck Wholesaler-Distributors			
SIC/NAICS Code:		415110			

48	12 of 12	SSW/189.0	238.9 / 1.05	PowerStream Inc. 180 Honda Blvd Markham ON	SPL
Ref No:	3168-98MF23			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	13-JUN-13			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Transformer
Incident Event:				Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	TRANSFORMER OIL (N.O.S.)			Site Address:	180 Honda Blvd
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Markham
Nature of Impact:	Other Impact(s)			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	13-JUN-13			Site Map Datum:	
Dt Document Closed:	20-JUN-13			SAC Action Class:	Primary Assessment of Spills
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	transformer vault<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Powerstream: transformer vault leak				
Contaminant Qty:	0 L				

49	1 of 1	W/190.7	243.9 / 6.08	Fletcher's Fields 2743 19th Avenue Markham ON L6C 1L7	CA
Certificate #:					
Application Year:	02				
Issue Date:	7/31/02				
Approval Type:	Municipal & Private sewage				
Status:	Cancelled				
Application Type:	New Certificate of Approval				
Client Name:	Fletchers Fields Ltd.				
Client Address:	2743 19th Avenue				
Client City:	Markham				
Client Postal Code:	L3P 3J3				
Project Description:	Subsurface sewage disposal facility for new snack bar, serving a 2-compartment sink to wash kitchen utensils, and a hand sink, to operate from mid-May until the end of October				
Contaminants:					
Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	1 of 2	S/196.2	237.3 / -0.51	Enbridge Training Centre Private Markham ON L6C 0M6	CNG
ID:	117806			Owner Type Cd:	T
Status Code:	E			Owner Type Cd Desc:	Utility owned
Status Code Desc:	Open: The station is open.			Open Date:	2019-02-01
Facility Type:	UTILITY			Date Last Confirmed:	2019-04-09
Fuel Type Code:	CNG			Updated At:	2019-05-14 21:16:45 UTC
Fuel Type Desc:	Compressed Natural Gas			E85 Oth EOTH Blnd:	
CNG Dispenser No:				BD Blends:	
CNG Fill Type Code:	T			BD Blends French:	
CNG OnSite Renw Sr:				Intersect Dir:	
CNG PSI:	3600			Intrscction Dir French:	
CNG Stor Capacity:				LNG OnSite Renw Sr:	
CNG Tot Cmpres Cap:				LNG Vehicle Class:	
CNG Vehicle Class:	HD			LPG Nozzle Types:	
Ev Pricing:				LPG Primary:	
Ev Pricing French:				Ng Fill Type Code:	T
Ev OnSite Renw Src:				Ng Fill Type Desc:	Timed fill
Hydrogen Is Retail:				NG PSI:	3600
Hydrogen Pressures:				Latitude:	43.91283
Hydrogen Standards:				Longitude:	-79.378915
Hydrogen Status					
Link:					
Geocode Status:	200-9				
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.				

50	2 of 2	S/196.2	237.3 / -0.51	Enbridge Training Centre Private Markham ON L6C 0M6	CNG
ID:	117806			Owner Type Cd:	T
Status Code:	E			Owner Type Cd Desc:	Utility owned
Status Code Desc:	Open: The station is open.			Open Date:	2019-02-01
Facility Type:	UTILITY			Date Last Confirmed:	2019-04-09
Fuel Type Code:	CNG			Updated At:	2019-09-11 22:29:00 UTC
Fuel Type Desc:	Compressed Natural Gas			E85 Oth EOTH Blnd:	
CNG Dispenser No:				BD Blends:	
CNG Fill Type Code:	T			BD Blends French:	
CNG OnSite Renw Sr:				Intersect Dir:	
CNG PSI:	3600			Intrscction Dir French:	
CNG Stor Capacity:				LNG OnSite Renw Sr:	
CNG Tot Cmpres Cap:				LNG Vehicle Class:	
CNG Vehicle Class:	HD			LPG Nozzle Types:	
Ev Pricing:				LPG Primary:	
Ev Pricing French:				Ng Fill Type Code:	T
Ev OnSite Renw Src:				Ng Fill Type Desc:	Timed fill
Hydrogen Is Retail:				NG PSI:	3600
Hydrogen Pressures:				Latitude:	43.91283
Hydrogen Standards:				Longitude:	-79.378915
Hydrogen Status					
Link:					
Geocode Status:	200-9				
Geocode Status Desc:	Premise (building name, property name, shopping center, etc.) level accuracy.				

51	1 of 1	SE/200.2	234.3 / -3.49	lot 28 con 4 ON	WWIS
Well ID:	6903391			Data Entry Status:	
Construction Date:				Data Src:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Commerical			Date Received:	9/9/1963
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2407
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	028
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10494119	Elevation:	236.844833
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	630634.7
Code OB Desc:	Overburden	North83:	4863486
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/15/1963	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932719496
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	24
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932719497
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		24			
Formation End Depth:		54			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932719498			
Layer:		4			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		54			
Formation End Depth:		83			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932719499			
Layer:		5			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		83			
Formation End Depth:		87			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932719495			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:					
Method Construction Code: 1					
Method Construction: Cable Tool					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 11042689					
Casing No: 1					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 930806359					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 83					
Casing Diameter: 7					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Construction Record - Screen</u>					
Screen ID: 933387552					
Layer: 1					
Slot: 018					
Screen Top Depth: 83					
Screen End Depth: 87					
Screen Material:					
Screen Depth UOM: ft					
Screen Diameter UOM: inch					
Screen Diameter: 6.625					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 996903391					
Pump Set At:					
Static Level: 1					
Final Level After Pumping: 21					
Recommended Pump Depth: 40					
Pumping Rate: 10					
Flowing Rate:					
Recommended Pump Rate: 10					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 8					
Pumping Duration MIN: 0					
Flowing: N					
<u>Water Details</u>					
Water ID: 933987036					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 83					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
52	1 of 1	NNW/204.7	238.9 / 1.05	2780 19th Avenue Markham ON L6C 1L6	EHS
Order No:	20070802027		Nearest Intersection:	Highway 404 & 19th Avenue	
Status:	C		Municipality:	York Region	
Report Type:	CAN - Custom Report		Client Prov/State:		
Report Date:	8/9/2007		Search Radius (km):	0.25	
Date Received:	8/2/2007		X:	-79.38282	
Previous Site Name:			Y:	43.922985	
Lot/Building Size:	approx 100 acres				
Additional Info Ordered:	Title Search				
53	1 of 1	NNW/205.0	238.9 / 1.05	2780 Nineteenth Avenue Markham ON	EHS
Order No:	20080304019		Nearest Intersection:	Hwy 404 & 19th Avenue	
Status:	C		Municipality:	Markham	
Report Type:	Waste Disposal Site Report		Client Prov/State:	ON	
Report Date:	3/5/2008		Search Radius (km):	0.5	
Date Received:	3/4/2008		X:	-79.382841	
Previous Site Name:			Y:	43.922985	
Lot/Building Size:	89,9 acres				
Additional Info Ordered:					
54	1 of 1	SSE/205.9	239.1 / 1.31	lot 27 con 3 ON	WWIS
Well ID:	7292780		Data Entry Status:	Yes	
Construction Date:			Data Src:		
Primary Water Use:			Date Received:	8/17/2017	
Sec. Water Use:			Selected Flag:	Yes	
Final Well Status:			Abandonment Rec:		
Water Type:			Contractor:	7464	
Casing Material:			Form Version:	8	
Audit No:	C37694		Owner:		
Tag:	A227556		Street Name:		
Construction Method:			County:	YORK	
Elevation (m):			Municipality:	MARKHAM TOWN (MARKHAM TWP)	
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:	027	
Well Depth:			Concession:	03	
Overburden/Bedrock:			Concession Name:	CON	
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006712637		Elevation:	240.993896	
DP2BR:			Elevrc:		
Spatial Status:			Zone:	17	
Code OB:			East83:	630543	
Code OB Desc:			North83:	4863260	
Open Hole:			Org CS:	UTM83	
Cluster Kind:			UTMRC:	4	
Date Completed:	7/6/2017		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:					
Location Method:	wwr				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					

55	1 of 1	SSE/207.5	237.8 / 0.01	ON	WWIS
Well ID:	7240617			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	4/27/2015
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	7360
Casing Material:				Form Version:	7
Audit No:	Z192087			Owner:	
Tag:	A177404			Street Name:	WOODBINE AVE.
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1005330424	Elevation:	239.725967
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	630592
Code OB Desc:		North83:	4863297
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/15/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005542935
Layer:	4
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	20

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005542933			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005542934			
Layer:		3			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		10			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005542932			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005542942			
Layer:		1			
Plug From:		14			
Plug To:		0			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005542931
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005542938
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 20
Casing Diameter: 0.75
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005542939
Layer: 1
Slot: .10
Screen Top Depth: 20
Screen End Depth: 25
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 0.75

Water Details

Water ID: 1005542937
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 15
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005542936
Diameter: 6
Depth From: 0
Depth To: 25
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No: 20180531043 Status: C Report Type: Custom Report Report Date: 07-JUN-18 Date Received: 31-MAY-18 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .3 X: -79.372886 Y: 43.911714					
56	2 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE CENTRE 11087 WOODBINE AV MARKHAM ON	EXP
Instance No: 10186703 Instance ID: 13489 Instance Type: FS Facility Description: FS Propane Cylr Handling Facility Status: EXPIRED TSSA Program Area: Maximum Hazard Rank: Facility Type: Expired Date:					
56	3 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE CENTRE 11087 WOODBINE AV MARKHAM ON L6C 1J4	FST
Instance No: 11319298 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 36000 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Double Wall UST Install Year: 1993 Parent Facility Type: FS Gasoline Station - Full Serve Facility Type: FS Liquid Fuel Tank					
56	4 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE CENTRE 11087 WOODBINE AV MARKHAM ON L6C 1J4	FST
Instance No: 11319320 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 36000 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Double Wall UST Install Year: 1993 Parent Facility Type: FS Gasoline Station - Full Serve Facility Type: FS Liquid Fuel Tank					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
56	5 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE CENTRE 11087 WOODBINE AV MARKHAM ON L6C 1J4	FST
Instance No: 11130828 Cont Name: Instance Type: FS Liquid Fuel Tank Fuel Type: Gasoline Status: Active Capacity: 36000 Tank Material: Fiberglass (FRP) Corrosion Protection: Fiberglass Tank Type: Double Wall UST Install Year: 1993 Parent Facility Type: FS Gasoline Station - Full Serve Facility Type: FS Liquid Fuel Tank					
56	6 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE CENTRE 11087 WOODBINE AV MARKHAM ON L6C 1J4	FSTH
License Issue Date: 1/25/2002 Tank Status: Licensed Tank Status As Of: August 2007 Operation Type: Retail Fuel Outlet Facility Type: Gasoline Station - Full Serve --Details-- Status: Active Year of Installation: 1993 Corrosion Protection: Capacity: 36000 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline Status: Active Year of Installation: 1993 Corrosion Protection: Capacity: 36000 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline Status: Active Year of Installation: 1993 Corrosion Protection: Capacity: 36000 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
56	7 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE CENTRE 11087 WOODBINE AV MARKHAM ON L6C 1J4	FSTH
License Issue Date: 1/25/2002 Tank Status: Licensed Tank Status As Of: December 2008 Operation Type: Retail Fuel Outlet Facility Type: Gasoline Station - Full Serve --Details-- Status: Active Year of Installation: 1993 Corrosion Protection: Capacity: 36000					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1993			
Corrosion Protection:					
Capacity:		36000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
Status:		Active			
Year of Installation:		1993			
Corrosion Protection:					
Capacity:		36000			
Tank Fuel Type:		Liquid Fuel Single Wall UST - Gasoline			
56	8 of 9	SE/211.6	236.6 / -1.18	VICTORIA SQUARE SERVICE 11087 WOODBINE AV MARKHAM ON L6C1J4	PRT
Location ID:		20676			
Type:		retail			
Expiry Date:		1996-02-28			
Capacity (L):		108000			
Licence #:		0076382787			
56	9 of 9	SE/211.6	236.6 / -1.18	Victoria Square Service Centre 11087 Woodbine Ave Markham ON L6C 1J4	SCT
Established:		01-JUN-69			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Motor Vehicle Gasoline Engine and Engine Parts Manufacturing			
SIC/NAICS Code:		336310			
57	1 of 1	SSE/213.8	239.9 / 2.05	lot 27 con 3 ON	WWIS
Well ID:		6911852			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:		0			
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:		1			
Date Received:		1/14/1974			
Selected Flag:		Yes			
Abandonment Rec:					
Contractor:		5459			
Form Version:		1			
Owner:					
Street Name:					
County:		YORK			
Municipality:		MARKHAM TOWN (MARKHAM TWP)			
Site Info:					
Lot:		027			
Concession:		03			
Concession Name:		CON			
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10502479			Elevation:	242.178833
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	630514.7
Code OB Desc:	Overburden			North83:	4863238
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	6
Date Completed:	11/23/1973			UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:				Location Method:	p6
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932757369				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	20				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932757373				
Layer:	5				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	58				
Formation End Depth:	67				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932757370				
Layer:	2				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932757371			
Layer:		3			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932757372			
Layer:		4			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		55			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11051049			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930815316			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Depth From:</i>					
<i>Depth To:</i>		60			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		933391619			
<i>Layer:</i>		1			
<i>Slot:</i>		025			
<i>Screen Top Depth:</i>		60			
<i>Screen End Depth:</i>		66			
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		6			
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		996911852			
<i>Pump Set At:</i>					
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		60			
<i>Recommended Pump Depth:</i>		60			
<i>Pumping Rate:</i>		25			
<i>Flowing Rate:</i>		4			
<i>Recommended Pump Rate:</i>		25			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		30			
<i>Flowing:</i>		Y			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934621505			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934881184			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		935142832			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934351139			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933995094			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55			
Water Found Depth UOM:		ft			
<u>58</u>	1 of 2	SE/215.8	232.9 / -4.95	BAKER'S HARNESS SHOP 11181 WOODBINE AVE GORMLEY ON L0H 1G0	SCT
Established:		1929			
Plant Size (ft²):		2500			
Employment:		4			
--Details--					
Description:		LEATHER GOODS, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3199			
<u>58</u>	2 of 2	SE/215.8	232.9 / -4.95	BAKER'S HARNESS AND SADDLERY 11181 Woodbine Ave Gormley ON L0H 1G0	SCT
Established:		1929			
Plant Size (ft²):		2500			
Employment:		4			
--Details--					
Description:		Other Leather and Allied Product Manufacturing			
SIC/NAICS Code:		316990			
<u>59</u>	1 of 2	SSE/220.5	238.7 / 0.86	ON	WWIS
Well ID:	7281239				
Construction Date:				Data Entry Status:	Yes
Primary Water Use:				Data Src:	
Sec. Water Use:				Date Received:	2/16/2017
Final Well Status:				Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	6926
Audit No:	C37020			Form Version:	8
Tag:	A190514			Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	YORK
Elevation Reliability:				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	
Overburden/Bedrock:				Concession:	
				Concession Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
<u>Bore Hole Information</u>						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	1006354364			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	240.719665 17 630567 4863258 UTM83 4 margin of error : 30 m - 100 m wwr	

59 2 of 2 SSE/220.5 238.7 / 0.86 ON WWIS

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	7295271	C37940 A190514		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 9/25/2017 Yes 6926 8 YORK MARKHAM TOWN (MARKHAM TWP)
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Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method:	1006732033			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	240.705474 17 630567 4863258 UTM83 4 margin of error : 30 m - 100 m wwr
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					

60	1 of 2	S/223.3	236.8 / -1.01	ON	WWIS
Well ID:	7306879			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/8/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	6607
Casing Material:				Form Version:	7
Audit No:	Z255755			Owner:	
Tag:	A232751			Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006995671			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	630128
Code OB Desc:				North83:	4863488
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/3/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Pipe Information

Pipe ID:	1007194357
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007194361
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:	1007194362				
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:	1007194359				
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

60	2 of 2	S/223.3	236.8 / -1.01	ON	WWIS
Well ID:	7306880			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/8/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	0			Abandonment Rec:	
Water Type:				Contractor:	6607
Casing Material:				Form Version:	7
Audit No:	Z255756			Owner:	
Tag:	A232785			Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006995674	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	630127
Code OB Desc:		North83:	4863488
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/3/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1007194364			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1007194368			
<i>Layer:</i>					
<i>Material:</i>					
<i>Open Hole or Material:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1007194369			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>					
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1007194366			
<i>Diameter:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Hole Depth UOM:</i>		ft			
<i>Hole Diameter UOM:</i>		inch			

61 1 of 1 **SSE/223.4** **237.9 / 0.13** **MARKHAM ON** **WWIS**

<i>Well ID:</i>	7212612	<i>Data Entry Status:</i>	
<i>Construction Date:</i>		<i>Data Src:</i>	
<i>Primary Water Use:</i>	Monitoring and Test Hole	<i>Date Received:</i>	12/10/2013
<i>Sec. Water Use:</i>		<i>Selected Flag:</i>	Yes
<i>Final Well Status:</i>	Monitoring and Test Hole	<i>Abandonment Rec:</i>	
<i>Water Type:</i>		<i>Contractor:</i>	7247
<i>Casing Material:</i>		<i>Form Version:</i>	7
<i>Audit No:</i>	Z176656	<i>Owner:</i>	
<i>Tag:</i>	A152938	<i>Street Name:</i>	11030 WOODBINE AVE
<i>Construction Method:</i>		<i>County:</i>	YORK
<i>Elevation (m):</i>		<i>Municipality:</i>	MARKHAM TOWN (MARKHAM TWP)
<i>Elevation Reliability:</i>		<i>Site Info:</i>	
<i>Depth to Bedrock:</i>		<i>Lot:</i>	
<i>Well Depth:</i>		<i>Concession:</i>	
<i>Overburden/Bedrock:</i>		<i>Concession Name:</i>	
<i>Pump Rate:</i>		<i>Easting NAD83:</i>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1004664006 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 9/13/2013 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 240.55278 Elevrc: Zone: 17 East83: 630576 North83: 4863261 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1004981911 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: 77 Other Materials: LOOSE Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 2 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1004981912 Layer: 2 Color: 6 General Color: BROWN Mat1: 06 Most Common Material: SILT Mat2: 81 Other Materials: SANDY Mat3: 11 Other Materials: GRAVEL Formation Top Depth: 2 Formation End Depth: 15 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1004981913 Layer: 3					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		15			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004981921			
Layer:		1			
Plug From:		0			
Plug To:		13			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004981910			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004981916			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		15			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004981917			
Layer:		1			
Slot:		10			
Screen Top Depth:		15			
Screen End Depth:		25			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.125			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: 1004981915 Layer: 1 Kind Code: 8 Kind: Untested Water Found Depth: 15 Water Found Depth UOM: ft					
<u>Hole Diameter</u>					
Hole ID: 1004981914 Diameter: 8.25 Depth From: 0 Depth To: 25 Hole Depth UOM: ft Hole Diameter UOM: inch					
62	1 of 1	W/235.9	243.2 / 5.45	Bonzai Landscaping Inc 2705 19th Ave Markham ON L6C 1L7	GEN
Generator No: ON7854092 Status: Approval Years: 03,04,05 Contam. Facility: MHSW Facility: SIC Code: 541320 SIC Description: Landscape Architectural Services					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
63	1 of 1	NW/241.0	242.9 / 5.11	2780 19 Ave Markham ON L6C1L6	EHS
Order No: 20130821014 Status: C Report Type: Standard Report Report Date: 23-AUG-13 Date Received: 21-AUG-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:					
Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.385353 Y: 43.922299					
64	1 of 1	N/243.1	250.7 / 12.90	ON	BORE
Borehole ID: 638509 OGF ID: 215538906 Status: Type: Borehole Use: Geotechnical/Geological Investigation Completion Date: OCT-1960 Static Water Level: Primary Water Use: Not Used Sec. Water Use: Total Depth m: 1.8 Depth Ref: Ground Surface Depth Elev:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 43.927619 Longitude DD: -79.377582 UTM Zone: 17 Easting: 630235					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Drill Method:	Diamond Drill			Northing:	4865113
Orig Ground Elev m:	251			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	252				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218484869			Mat Consistency:	
Top Depth:	.4			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	Stones			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL,SAND,CLAY, STONES. GREY,GLACIAL,AGE GLACIAL.				
Geology Stratum ID:	218484865			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Concrete			Geologic Formation:	
Material 2:	Asphalt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CONCRETE,ASPHALT. GREY,MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484866			Mat Consistency:	
Top Depth:	.1			Material Moisture:	
Bottom Depth:	.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Stones			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	STONES. GREY,MAN-MADE, AGE POST-GLACIAL.				
Geology Stratum ID:	218484868			Mat Consistency:	
Top Depth:	.3			Material Moisture:	
Bottom Depth:	.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Topsoil			Geologic Formation:	
Material 2:	organic material			Geologic Group:	
Material 3:	Soil			Geologic Period:	
Material 4:				Depositional Gen:	organic
Gsc Material Description:					
Stratum Description:	LOAM,ORGANIC,SOIL. BROWN,AGE GLACIAL.				
Geology Stratum ID:	218484870			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	SAND,SILT,GRAVEL. BROWN,AGE GLACIAL. 011 007 0001202500020100 **Note: Many records provided by				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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the department have a truncated [Stratum Description] field.

Geology Stratum ID: 218484867
Top Depth: .2
Bottom Depth: .3
Material Color: Brown
Material 1: Sand
Material 2: Gravel
Material 3: Stones
Material 4:
Gsc Material Description:
Stratum Description: SAND,GRAVEL,STONES. BROWN,AGE POST-GLACIAL.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: TOR1B.txt RecordID: 064720 NTS_Sheet: 30M14E
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Ident: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

65 1 of 1 **WNW/243.8** **246.8 / 9.05** **Larry Ramanovich**
2705 19th Avenue
Markham ON L6C 1L7 **GEN**

Generator No: ON8936364
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 531111
SIC Description: LESSORS OF RESIDENTIAL BUILDINGS AND DWELLINGS (EXCEPT SOCIAL HOUSING PROJECTS)

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

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Desc: WASTE OILS & LUBRICANTS

66 1 of 9 **S/243.9** **237.9 / 0.09** **2562961 ONTARIO LTD.**
101 Honda BLVD
Markham ON L6C 0M6 **EASR**

Approval No: R-010-3110233994
Status: REGISTERED
Date: 2017-09-15
Record Type: EASR
Link Source: MOFA

SWP Area Name: Toronto
MOE District: York-Durham
Municipality: Markham
Latitude: 43.91277778
Longitude: -79.37888889

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type: Air Emissions Full Address: Approval Type: EASR-Air Emissions Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2043053				Geometry X: Geometry Y:	
66	2 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Distribution Inc. 101 Honda Boulevard Markham ON	GEN
Generator No: ON9637511 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 221210 SIC Description: Natural Gas Distribution				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
66	3 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Distribution Inc. 101 Honda Boulevard Markham ON	GEN
Generator No: ON9637511 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 221210 SIC Description: NATURAL GAS DISTRIBUTION				PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		243			
Waste Class Desc:		PCBS			
66	4 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Distribution Inc. 101 Honda Boulevard Markham ON L6C0M6	GEN
Generator No: ON9637511 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 221210				PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		NATURAL GAS DISTRIBUTION			
<u>Detail(s)</u>					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		243			
Waste Class Desc:		PCBS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

<u>66</u>	5 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Distribution Inc. 101 Honda Boulevard Markham ON L6C0M6	GEN
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Generator No:	ON9637511	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	
MHSW Facility:	No	Phone No Admin:	
SIC Code:	221210		
SIC Description:	NATURAL GAS DISTRIBUTION		

Detail(s)

Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	243
Waste Class Desc:	PCBS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
66	6 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Distribution Inc. 101 Honda Boulevard Markham ON L6C0M6	GEN
Generator No:	ON9637511			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	221210				
SIC Description:	NATURAL GAS DISTRIBUTION				
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
Waste Class:	243				
Waste Class Desc:	PCBS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
66	7 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Inc. 101 Honda Boulevard Markham ON L6C0M6	GEN
Generator No:	ON9637511			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	146 L				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				
Waste Class:	146 T				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				
Waste Class:	148 B				
Waste Class Desc:	Misc. wastes and inorganic chemicals				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		243 D			
Waste Class Desc:		PCB			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

66	8 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Inc. 101 Honda Boulevard Markham ON L6C0M6	GEN
Generator No:	ON9637511			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	146 T
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)
Waste Class:	148 B
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	146 L
Waste Class Desc:	Other specified inorganic sludges, slurries or solids
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	263 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
Waste Class:	213 I				
Waste Class Desc:	Petroleum distillates				
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	243 D				
Waste Class Desc:	PCB				
66	9 of 9	S/243.9	237.9 / 0.09	Enbridge Gas Distribution Inc. 101 Honda Blvd Markham ON	SPL
Ref No:	4681-9RNTDU	Discharger Report:			
Site No:	NA	Material Group:			
Incident Dt:	2014/12/10	Health/Env Conseq:			
Year:		Client Type:			
Incident Cause:	Collision/Accident	Sector Type:		Motor Vehicle	
Incident Event:		Agency Involved:			
Contaminant Code:	27	Nearest Watercourse:			
Contaminant Name:	COOLANT N.O.S.	Site Address:		101 Honda Blvd	
Contaminant Limit 1:		Site District Office:			
Contam Limit Freq 1:		Site Postal Code:			
Contaminant UN No 1:		Site Region:			
Environment Impact:		Site Municipality:		Markham	
Nature of Impact:	Land	Site Lot:			
Receiving Medium:		Site Conc:			
Receiving Env:		Northing:			
MOE Response:	N	Easting:			
Dt MOE Arvl on Scn:		Site Geo Ref Accu:			
MOE Reported Dt:	2014/12/10	Site Map Datum:			
Dt Document Closed:		SAC Action Class:		Primary Assessment of Incident	
Incident Reason:	Operator/Human Error	Source Type:			
Site Name:	Enbridge Works Yard<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Enbridge: coolant loss to parking lot				
Contaminant Qty:	10 L				
67	1 of 2	SSE/245.6	238.5 / 0.67	LIVANTE HOLDINGS (VICTORIA SQUARE WOODBINE) INC. 11030 VICTORIA SQUARE BLVD MARKHAM ON L6C 1J5	EASR
Approval No:	R-009-5648039669	SWP Area Name:		Toronto	
Status:	REGISTERED	MOE District:		York-Durham	
Date:	2016-09-20	Municipality:		MARKHAM	
Record Type:	EASR	Latitude:		43.91055556	
Link Source:	MOFA	Longitude:		-79.37388889	
Project Type:	Water Taking - Construction Dewatering	Geometry X:			
Full Address:		Geometry Y:			
Approval Type:	EASR-Water Taking - Construction Dewatering				
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2025196				
67	2 of 2	SSE/245.6	238.5 / 0.67	Atlas Dewatering Inc 11030 Victoria Square Blvd	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Markham ON L6C 1J5

Generator No: ON2826757
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 238990
SIC Description: ALL OTHER SPECIALTY TRADE CONTRACTORS
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

[68](#) 1 of 1 **NNE/246.9** **242.2 / 4.40** **lot 32 con 4 ON** **WWIS**

Well ID: 6903399
Construction Date:
Primary Water Use: Commerical
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Data Entry Status:
Data Src: 1
Date Received: 7/25/1962
Selected Flag: Yes
Abandonment Rec:
Contractor: 5420
Form Version: 1
Owner:
Street Name:
County: YORK
Municipality: WHITCHURCH-STOUFFVILLE TOWN (MARKHAM TWP)
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Site Info:
Lot: 032
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10494127
DP2BR:
Spatial Status:
Code OB: 0
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 7/11/1962
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 246.170776
Elevrc:
Zone: 17
East83: 630397.7
North83: 4865092
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 932719528

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		18			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932719525			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932719527			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932719526			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		8			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 11042697
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930806367
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 20
Casing Diameter: 34
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996903399
Pump Set At:
Static Level: 3
Final Level After Pumping:
Recommended Pump Depth: 18
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933987044
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 18
Water Found Depth UOM: ft

69	1 of 1	SW/249.2	239.9 / 2.05	lot 29 con 3 ON	WWIS
Well ID:	6915258			Data Entry Status:	
Construction Date:				Data Src:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Domestic			Date Received:	1/24/1980
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3109
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	029
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10505824	Elevation:	239.684158
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	629654.7
Code OB Desc:	Overburden	North83:	4863603
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/5/1979	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932774513
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	87
Other Materials:	STONE
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	13
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932774514
Layer:	3
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		13			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932774512			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932774515			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		15			
Formation End Depth:		31			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11054394			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930818959			
Layer:		1			
Material:		3			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Open Hole or Material:</i>		CONCRETE			
<i>Depth From:</i>					
<i>Depth To:</i>		31			
<i>Casing Diameter:</i>		30			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		996915258			
<i>Pump Set At:</i>					
<i>Static Level:</i>		13			
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>		29			
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		2			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>		2			
<i>Pumping Duration HR:</i>		12			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934359310			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		10			
<i>Test Level UOM:</i>		ft			
<u>Water Details</u>					
<i>Water ID:</i>		933998450			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		13			
<i>Water Found Depth UOM:</i>		ft			

Unplottable Summary

Total: **45** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	ESSO PETROLEUM CANADA - PT.LOT 16/CONC.4	WOODBINE AVE./STM-WATER MGT.	MARKHAM TOWN ON	
CA	ASHTON MEADOWS INC.- PT.LOTS 16&17,CONC.4	WOODBINE AVE/CACHET WOODS-SWM	MARKHAM TOWN ON	
CA	BUTTONVILLE GOLF CLUB UNDER WOODBINE AVE	WOODBINE AVENUE	MARKHAM TOWN ON	
CA	648669 ONTARIO LTD.	A STREET WOODBINE AVE.	MARKHAM TOWN ON	
CA	QUOTE INVESTMENTS LTD.	A STREET WOODBINE AVE.	MARKHAM TOWN ON	
CA	The Corporation of the Town of Markham	90m North of Elgin Mills Road to Honda Boulevard	Markham ON	
CA	The Corporation of the Town of Markham	90m North of Elgin Mills Road to Honda Boulevard	Markham ON	
CA	The Corporation of the Town of Markham	90m North of Elgin Mills Road to Honda Boulevard	Markham ON	
CA	The Corporation of the Town of Markham	90m North of Elgin Mills Road to Honda Blvd Lots 26-28, Concession 3	Markham ON	
CA	The Corporation of the Town of Markham	90m North of Elgin Mills Road to Honda Blvd Lots 26-28, Concession 3	Markham ON	
CA	The Corporation of the Town of Markham	90m North of Elgin Mills Road to Honda Blvd Lots 26-28, Concession 3	Markham ON	
CA	R.M. OF YORK	WOODBINE AVENUE	MARKHAM TOWN ON	
CA	R.M. OF YORK	WOODBINE AVENUE	MARKHAM TOWN ON	
CA	METRIC PROPERTIES INC.-PT. LOT 13, CON.3	WOODBINE VALLEYWOOD COMM. DEV.	MARKHAM TOWN ON	
CA	TOWN	WOODBINE AVE.	MARKHAM TOWN ON	
CA		Lot 8, Lot 31, Registered Plan 2027	Richmond Hill ON	
CA		Lot 8, Lot 31, Registered Plan 2027	Richmond Hill ON	

CA	METRIC PROPERTIES INC. PT. LOT 13/CON. 3	WOODBINE VALLEYWOOD COMM. DEV.	MARKHAM TOWN ON	
CA	CAPTAIN DEVELOPMENTS LTD.	WOODBINE NORTH INDL. SUBD.	MARKHAM TOWN ON	
ECA	EP Victoria Square Manors Ltd.	Part of Lot 27	Markham ON	L4K 4K2
ECA	EP Victoria Square Manors Ltd.	Part of Lot 27	Markham ON	L4K 4K2
EHS		Honda Blvd.	Markham ON	
GEN	CONSUMERS GAS COMPANY	VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3	MARKHAM TOWNSHIP ON	
GEN	Enbridge Gas Distribution Inc.	VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3	MARKHAM ON	L6Z 1Z6
GEN	Enbridge Gas Distribution Inc.	VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3	MARKHAM ON	
GEN	Enbridge Gas Distribution Inc.	VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3	MARKHAM ON	
GEN	ENBRIDGE CONSUMERS GAS	VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3	MARKHAM ON	
PES	BAKER'S HARNESS SHOP		GORMLEY ON	L0H1G0
PES	BAKER'S HARNESS SHOP		GORMLEY ON	L0H 1G0
PES	BAKER'S HARNESS SHOP		GORMLEY ON	L0H1G0
PES	KOCSIS FRANK LANDSCAPING	R.R. #2, 19TH AVENUE	RICHMOND HILL ON	L4C 6B6
PRT	PETRO CANADA C/O KELLY VANDERWERF CONSUMER SALES	WOODBINE AV	GORMLEY ON	
SPL	York Region Transit	at Woodbine ave SE Corner	Markham ON	
SPL	The Regional Municipality of York	Woodbine Avenue WOODBINE AVENUE (GENERAL)	Markham ON	
SPL		Woodbine Ave WOODBINE AVENUE (GENERAL)	Markham ON	
SPL	Powerstream Inc.		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 Inc.	two locations on Woodbine Ave	Markham ON	

SPL	WBE Gradall Rentals<UNOFFICIAL>	Just west of Hwy. 404	Whitchurch-Stouffville ON
SPL	Powerstream Inc.		Markham ON
SPL	Section 21 - Navana Transport Ltd. <UNOFFICIAL>	Highway 404	Markham ON
SPL		Enbridge's Victoria Square Gate Station ,Woodbine South of 19th Avenue<UNOFFICIAL>	Richmond Hill ON
WWIS		con 3	MARKHAM ON
WWIS		lot 30	ON
WWIS		con 3	MARKHAM ON

Unplottable Report

Site: *ESSO PETROLEUM CANADA - PT.LOT 16/CONC.4
WOODBINE AVE./STM-WATER MGT. MARKHAM TOWN ON*

Database:
CA

Certificate #: 3-0802-92-
Application Year: 92
Issue Date: 9/14/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *ASHTON MEADOWS INC.-PT.LOTS 16&17,CONC.4
WOODBINE AVE/CACHET WOODS-SWM MARKHAM TOWN ON*

Database:
CA

Certificate #: 3-1561-91-
Application Year: 91
Issue Date: 2/13/1992
Approval Type: Municipal sewage
Status: Approved in 1992
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *BUTTONVILLE GOLF CLUB UNDER WOODBINE AVE
WOODBINE AVENUE MARKHAM TOWN ON*

Database:
CA

Certificate #: 3-2345-89-
Application Year: 89
Issue Date: 3/15/1990
Approval Type: Municipal sewage
Status: Approved in 1990
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *648669 ONTARIO LTD.
A STREET WOODBINE AVE. MARKHAM TOWN ON*

Database:
CA

Certificate #: 3-0569-86-

Application Year: 86
Issue Date: 8/18/1987
Approval Type: Municipal sewage
Status: Approved in 1987
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **QUOTE INVESTMENTS LTD.**
A STREET WOODBINE AVE. MARKHAM TOWN ON

Database:
CA

Certificate #: 3-0568-86-
Application Year: 86
Issue Date: 8/18/1987
Approval Type: Municipal sewage
Status: Approved in 1987
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **The Corporation of the Town of Markham**
90m North of Elgin Mills Road to Honda Boulevard Markham ON

Database:
CA

Certificate #: 7170-85UMSC
Application Year: 2010
Issue Date: 5/31/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **The Corporation of the Town of Markham**
90m North of Elgin Mills Road to Honda Boulevard Markham ON

Database:
CA

Certificate #: 1947-87RJ5R
Application Year: 2010
Issue Date: 7/29/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the Town of Markham*
90m North of Elgin Mills Road to Honda Boulevard Markham ON

Database:
CA

Certificate #: 3331-86NPQC
Application Year: 2010
Issue Date: 6/28/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the Town of Markham*
90m North of Elgin Mills Road to Honda Blvd Lots 26-28, Concession 3 Markham ON

Database:
CA

Certificate #: 7235-855RDQ
Application Year: 2010
Issue Date: 5/7/2010
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the Town of Markham*
90m North of Elgin Mills Road to Honda Blvd Lots 26-28, Concession 3 Markham ON

Database:
CA

Certificate #: 0763-7SNPPG
Application Year: 2009
Issue Date: 6/4/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *The Corporation of the Town of Markham*
90m North of Elgin Mills Road to Honda Blvd Lots 26-28, Concession 3 Markham ON

Database:
CA

Certificate #: 4207-7VVNRM
Application Year: 2009
Issue Date: 9/16/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: R.M. OF YORK
WOODBINE AVENUE MARKHAM TOWN ON

Database:
CA

Certificate #: 7-1562-87-
Application Year: 87
Issue Date: 10/19/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF YORK
WOODBINE AVENUE MARKHAM TOWN ON

Database:
CA

Certificate #: 7-1563-87-
Application Year: 87
Issue Date: 10/16/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: METRIC PROPERTIES INC.-PT. LOT 13, CON.3
WOODBINE VALLEYWOOD COMM. DEV. MARKHAM TOWN ON

Database:
CA

Certificate #: 3-0851-90-
Application Year: 90
Issue Date: 5/23/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TOWN
WOODBINE AVE. MARKHAM TOWN ON

Database:
CA

Certificate #: 7-0215-85-000
Application Year: 85

Issue Date: 1/8/87
Approval Type: Municipal water
Status: Application Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Lot 8, Lot 31, Registered Plan 2027 Richmond Hill ON

Database:
CA

Certificate #: 5816-4QWJDB
Application Year: 01
Issue Date: 4/2/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: Notice
Client Name: Jack Wrobel et al.
Client Address: 650 Lakeridge Road
Client City: Ajax
Client Postal Code: L1S 4S7
Project Description: site address correction, wrong municipality selected originally
Contaminants:
Emission Control:

Site: Lot 8, Lot 31, Registered Plan 2027 Richmond Hill ON

Database:
CA

Certificate #: 0565-4QVT47
Application Year: 01
Issue Date: 4/2/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name: Jack Wrobel et al.
Client Address: 650 Lakeridge Road
Client City: Ajax
Client Postal Code: L1S 4S7
Project Description: Site address was placed in wrong municipality
Contaminants:
Emission Control:

Site: METRIC PROPERTIES INC. PT. LOT 13/CON. 3
WOODBINE VALLEYWOOD COMM. DEV. MARKHAM TOWN ON

Database:
CA

Certificate #: 7-0720-90-
Application Year: 90
Issue Date: 5/23/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAPTAIN DEVELOPMENTS LTD.
WOODBINE NORTH INDL. SUBD. MARKHAM TOWN ON

Database:
CA

Certificate #: 3-0050-93-
Application Year: 93
Issue Date: 2/3/1993
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: EP Victoria Square Manors Ltd.
Part of Lot 27 Markham ON L4K 4K2

Database:
ECA

Approval No: 8353-AANJWJ
Approval Date: 2016-06-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part of Lot 27
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/5611-AAGKCG-14.pdf>

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

Site: EP Victoria Square Manors Ltd.
Part of Lot 27 Markham ON L4K 4K2

Database:
ECA

Approval No: 7346-AAVQHH
Approval Date: 2016-06-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part of Lot 27
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8744-AAGK7E-14.pdf>

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

Site: Honda Blvd. Markham ON

Database:
EHS

Order No: 20110210046
Status: C
Report Type: Custom Report
Report Date: 2/22/2011
Date Received: 2/10/2011 4:23:17 PM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: Honda Blvd. & Woodbine Ave. Bypass
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.378906
Y: 1

Site: CONSUMERS GAS COMPANY
VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3 MARKHAM TOWNSHIP ON

Database:
GEN

Generator No: ON0060830
Status:
Approval Years: 95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 4921
SIC Description: GAS DISTIRB. SYS.

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: **Enbridge Gas Distribution Inc.**
VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3 MARKHAM ON L6Z 1Z6

Database:
GEN

Generator No: ON0060830
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 221210
SIC Description: Natural Gas Distribution

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: **Enbridge Gas Distribution Inc.**
VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3 MARKHAM ON

Database:
GEN

Generator No: ON0060830
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 221210
SIC Description: Natural Gas Distribution

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: **Enbridge Gas Distribution Inc.**

Database:
GEN

VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3 MARKHAM ON

Generator No: ON0060830
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 221210
SIC Description: Natural Gas Distribution

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

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Site: ENBRIDGE CONSUMERS GAS
VICTORIA SQUARE GATE STATION PART LOT 29, CONCESSION 3 MARKHAM ON

Database:
GEN

Generator No: ON0060830
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 4921
SIC Description: GAS DISTIRB. SYS.

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

Detail(s)

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Site: BAKER'S HARNESS SHOP
GORMLEY ON L0H1G0

Database:
PES

Detail Licence No:
Licence No: 11125
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 03
Licence Type Code: 21
Licence Class: 03
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box: 297
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 905
Oper Phone No: 8879441
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: BAKER'S HARNESS SHOP
GORMLEY ON L0H 1G0

Database:
PES

Detail Licence No: 23-01-11125-0
Licence No: 11125
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box: 297
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 3
Operator District: 1
Operator County: 69
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: BAKER'S HARNESS SHOP
GORMLEY ON L0H1G0

Database:
PES

Detail Licence No: 23-01-11125-0
Licence No: 11125
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box: 297
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 905
Oper Phone No: 8879441
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 3
Operator District: 1
Operator County: 69
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: KOCSIS FRANK LANDSCAPING
R.R. #2, 19TH AVENUE RICHMOND HILL ON L4C 6B6

Database:
PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: PETRO CANADA C/O KELLY VANDERWERF CONSUMER SALES
WOODBINE AV GORMLEY ON

Database:
PRT

Location ID: 5438
Type: retail
Expiry Date: 1995-06-30
Capacity (L): 0
Licence #: 0021248001

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

Database:
SPL

Ref No:	7101-8JQMY2	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	7/13/2011	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:	24	Nearest Watercourse:	
Contaminant Name:	GLYCOL/WATER SOLUTION	Site Address:	at Woodbine ave SE Corner
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Markham
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/13/2011	Site Map Datum:	
Dt Document Closed:	8/28/2011	SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	Hwy #7 eastbound at Woodbine Ave<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	York Region Bus: 20L Glycol to grnd		
Contaminant Qty:	20 L		

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

Database:
SPL

Ref No:	1171-6PTKP8	Discharger Report:	
Site No:		Material Group:	Chemicals
Incident Dt:	5/15/2006	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Unknown	Sector Type:	Unknown
Incident Event:		Agency Involved:	
Contaminant Code:	27	Nearest Watercourse:	
Contaminant Name:	PAINT OR PAINT-RELATED	Site Address:	WOODBINE AVENUE
Contaminant Limit 1:		Site District Office:	York-Durham
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Markham
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:	Water	Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/15/2006	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	Other - Reason not otherwise defined	Source Type:	
Site Name:	WOODBINE AVENUE		
Site County/District:			

Site Geo Ref Meth:
Incident Summary: Maj Mac and Woodbine - paint discharge to storm pond
Contaminant Qty: 1 L

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

Ref No: 1436-6VZTE8 **Discharger Report:**
Site No: **Material Group:** Oils
Incident Dt: 11/29/2006 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: Unknown **Sector Type:** Other
Incident Event: **Agency Involved:**
Contaminant Code: 15 **Nearest Watercourse:**
Contaminant Name: HYDRAULIC OIL **Site Address:** WOODBINE AVE
Contaminant Limit 1: **Site District Office:** York-Durham
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:**
Environment Impact: Possible **Site Municipality:** Markham
Nature of Impact: Other Impact(s); Soil Contamination **Site Lot:**
Receiving Medium: Land **Site Conc:**
Receiving Env: **Northing:** NA
MOE Response: **Easting:** NA
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 11/29/2006 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:**
Incident Reason: Unknown - Reason not determined **Source Type:**
Site Name: WOODBINE AVE
Site County/District:
Site Geo Ref Meth:
Incident Summary: Woodbine Ave - <4L Hydraulic fluid to road; no sewers
Contaminant Qty: 4 L

Site: Powerstream Inc. **Database:** **SPL**
Markham ON

Ref No: 2635-9G8PSN **Discharger Report:**
Site No: **Material Group:**
Incident Dt: 2014/02/11 **Health/Env Conseq:**
Year: **Client Type:**
Incident Cause: Leak/Break **Sector Type:** Transformer
Incident Event: **Agency Involved:**
Contaminant Code: 15 **Nearest Watercourse:**
Contaminant Name: TRANSFORMER OIL (N.O.S.) **Site Address:**
Contaminant Limit 1: **Site District Office:**
Contam Limit Freq 1: **Site Postal Code:**
Contaminant UN No 1: **Site Region:**
Environment Impact: Not Anticipated **Site Municipality:** Markham
Nature of Impact: Soil Contamination **Site Lot:**
Receiving Medium: **Site Conc:**
Receiving Env: **Northing:**
MOE Response: No Field Response **Easting:**
Dt MOE Arvl on Scn: **Site Geo Ref Accu:**
MOE Reported Dt: 2014/02/11 **Site Map Datum:**
Dt Document Closed: **SAC Action Class:** Land Spills
Incident Reason: Equipment Failure **Source Type:**
Site Name: 101 McNabb Street<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Powerstream: 650 L non-PCB transformer oil to vault
Contaminant Qty: 650 L

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

Ref No: 28996
Site No:
Incident Dt: 12/14/1989
Year:
Incident Cause: CONTAINER OVERFLOW
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/18/1989
Dt Document Closed:
Incident Reason: ERROR
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: TOP VALUE MART- 2000 LTR OF DIESEL FUEL TO GROUND WHILE TAKING DELIVERY
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 27402
Site Lot:
Site Conc:
Northing:
Easting: MCCR
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: *Enbridge Gas Distribution Inc.*
two locations on Woodbine Ave Markham ON

Database:
SPL

Ref No: 6480-AETGT5
Site No: NA
Incident Dt: 10/17/2016
Year:
Incident Cause:
Incident Event: Unknown / N/A
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env: Air
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/17/2016
Dt Document Closed:
Incident Reason: Intentional Discharge
Site Name: natural gas blow down<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA: natural gas blow down , maintenance
Contaminant Qty: 0 n/a

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Miscellaneous Industrial
Agency Involved:
Nearest Watercourse:
Site Address: two locations on Woodbine Ave
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Markham
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type:

Site: *WBE Gradall Rentals<UNOFFICIAL>*
Just west of Hwy. 404 Whitchurch-Stouffville ON

Database:
SPL

Ref No: 0262-8JXT8U
Site No:
Incident Dt: 7/20/2011
Year:
Incident Cause: Container Leak (Fuel Tank Barrels)
Incident Event:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Motor Vehicle
Agency Involved:

Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL	Site Address:	Just west of Hwy. 404
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Whitchurch-Stouffville
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/20/2011	Site Map Datum:	
Dt Document Closed:	8/29/2011	SAC Action Class:	Land Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name:	Stouffville Rd. <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Contractor - 225 L of hydraulic oil to road.		
Contaminant Qty:	225 L		

Site: Powerstream Inc. **Database:**
SPL
Markham ON

Ref No:	4563-8FLPHS	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/4/2011	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Discharge Or Bypass To A Watercourse	Sector Type:	Transformer
Incident Event:		Agency Involved:	
Contaminant Code:	15	Nearest Watercourse:	
Contaminant Name:	TRANSMISSION OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Markham
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/4/2011	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Watercourse Spills
Incident Reason:	Spill	Source Type:	
Site Name:	Rodick Road and Apple Creek Blvd<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Powerstream: 100 L of transformer oil to c.b, clineg		
Contaminant Qty:	100 L		

Site: Section 21 - Navana Transport Ltd. <UNOFFICIAL> **Database:**
SPL
Highway 404 Markham ON

Ref No:	2008-9B7JDS	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2013/09/03	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Collision/Accident	Sector Type:	Truck - Only Saddle Tanks
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	Highway 404
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Markham
Nature of Impact:	Other Impact(s)	Site Lot:	
Receiving Medium:		Site Conc:	

Receiving Env:		Northing:	
MOE Response:	Priority Field Response	Easting:	
Dt MOE Arvl on Scn:	2013/09/03	Site Geo Ref Accu:	
MOE Reported Dt:	2013/09/03	Site Map Datum:	
Dt Document Closed:	2013/09/05	SAC Action Class:	Highway Spills (usually highway accidents)
Incident Reason:	Operator/Human Error	Source Type:	
Site Name:	Westbound Steeles Ave East Ramp to Hwy 404 Southbound<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TT Roll-over: Steeles ramp to Hwy 404: Diesel to rd, cb		
Contaminant Qty:	30 L		

Site: **Enbridge's Victoria Square Gate Station ,Woodbine South of 19th Avenue<UNOFFICIAL> Richmond Hill ON** **Database:** **SPL**

Ref No:	1421-6CS4BC	Discharger Report:	2
Site No:		Material Group:	Chemical
Incident Dt:	5/26/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	MERCAPTANS N.O.S. (THIOL)	Site Address:	
Contaminant Limit 1:		Site District Office:	York-Durham
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Richmond Hill
Nature of Impact:		Site Lot:	
Receiving Medium:	Air	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/26/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills to Air - gases and vapours
Incident Reason:		Source Type:	
Site Name:	Enbridge's Victoria Square Gate Station		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Enbridge-Small Qty Mercaptan to Atm		
Contaminant Qty:			

Site: **con 3 MARKHAM ON** **Database:** **WWIS**

Well ID:	6928465	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:		Date Received:	12/6/2004
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	2644
Casing Material:		Form Version:	3
Audit No:	Z10922	Owner:	
Tag:	A010890	Street Name:	
Construction Method:		County:	YORK
Elevation (m):		Municipality:	MARKHAM TOWN (MARKHAM TWP)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	03
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID: 11180312
DP2BR:
Spatial Status:
Code OB: u
Code OB Desc: all layers are unknown type
Open Hole:
Cluster Kind:
Date Completed: 8/11/2004
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 932993298
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1.5
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 932993299
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1.5
Formation End Depth: 2.5
Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933264377
Layer: 1
Plug From: 0
Plug To: 1.5
Plug Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933264378

Layer: 2
Plug From: 1.5
Plug To: 2.5
Plug Depth UOM: m

Pipe Information

Pipe ID: 11188831
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930853902
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 136
Casing Diameter UOM: cm
Casing Depth UOM: m

Hole Diameter

Hole ID: 11315111
Diameter: 136
Depth From: 0
Depth To: 1.5
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: lot 30 ON

Database:
[WWIS](#)

Well ID: 6925925
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 227306
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src: 1
Date Received: 8/20/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1350
Form Version: 1
Owner:
Street Name:
County: YORK
Municipality: WHITCHURCH-STOUFFVILLE TOWN (WHITCHURCH TWP)

Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Site Info:
Lot: 030
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10523232
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden

Elevation:
Elevrc:
Zone: 17
East83:
North83:

Open Hole:
Cluster Kind:
Date Completed: 7/26/2001
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 932855379
Layer: 4
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 132
Formation End Depth: 136
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932855378
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 83
Formation End Depth: 132
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932855377
Layer: 2
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 83
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932855376
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 22
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933224863
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11071802
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930830604
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930830605
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933401731
Layer: 1
Slot: 001
Screen Top Depth: 133
Screen End Depth: 136
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6

Results of Well Yield Testing

Pump Test ID: 996925925
Pump Set At:
Static Level: 63
Final Level After Pumping: 95
Recommended Pump Depth: 100
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 15
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 20
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 935148191
Test Type: Recovery
Test Duration: 60
Test Level: 63
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934633042
Test Type: Recovery
Test Duration: 30
Test Level: 63
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934358642
Test Type: Recovery
Test Duration: 15
Test Level: 69
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934890207
Test Type: Recovery
Test Duration: 45
Test Level: 63
Test Level UOM: ft

Water Details

Water ID: 934015713

Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 136
Water Found Depth UOM: ft

Site:
con 3 MARKHAM ON

Database:
WWIS

Well ID: 6928469
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z10929
Tag: A010885
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/6/2004
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 2644
Form Version: 3
Owner:
Street Name:
County: YORK
Municipality: MARKHAM TOWN (MARKHAM TWP)
Site Info:
Lot:
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11180316
DP2BR:
Spatial Status:
Code OB: u
Code OB Desc: all layers are unknown type
Open Hole:
Cluster Kind:
Date Completed: 8/11/2004
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 932993303
Layer: 1
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3.8
Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 933264383
Layer: 1
Plug From: 0
Plug To: 3.8
Plug Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933264384
Layer: 2
Plug From:
Plug To:
Plug Depth UOM: m

Pipe Information

Pipe ID: 11188835
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930853906
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.8
Casing Diameter: 5
Casing Diameter UOM: cm
Casing Depth UOM: m

Hole Diameter

Hole ID: 11315115
Diameter: 5
Depth From: 0
Depth To: 3.8
Hole Depth UOM: m
Hole Diameter UOM: cm

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jul 31, 2019

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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: 1999-Jul 31, 2019

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Aug 2019

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-Jul 2019

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-Sep 30, 2019

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 - Oct 2018

Environmental Activity and Sector Registry:

Provincial **EASR**

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

Government Publication Date: Oct 2011-Sep 30, 2019

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-Sep 30, 2019

Environmental Compliance Approval:

Provincial **ECA**

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

Government Publication Date: Oct 2011-Sep 30, 2019

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-Jul 31, 2019

Environmental Issues Inventory System:

Federal **EIIS**

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2018

List of TSSA Expired Facilities:

Provincial **EXP**

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Aug 2019

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial **FST**

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial **FSTH**

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial **GEN**

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

Government Publication Date: 1986-Jul 31, 2019

Greenhouse Gas Emissions from Large Facilities:

Federal **GHG**

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial **HINC**

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal **IAFT**

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

Government Publication Date: 1950-Aug 2003*

TSSA Incidents:

Provincial **INC**

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the 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. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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: Feb 28, 2019

Canadian Mine Locations:

Private **MINE**

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial **MNR**

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal **NATE**

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial **NCPL**

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2019

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

[NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Aug 31, 2019

Ontario Oil and Gas Wells:

Provincial [OOGW](#)

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

Government Publication Date: 1800-Jun 2019

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-Sep 30, 2019

Canadian Pulp and Paper:

Private [PAP](#)

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal [PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial [PES](#)

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

Government Publication Date: 1988-Sep 2019

TSSA Pipeline Incidents:

Provincial [PINC](#)

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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-Sep 30, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial [REC](#)

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial [RSC](#)

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2019

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 31, 2019

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-Feb 2019

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private [TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

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

Government Publication Date: 1970-Aug 2018

TSSA Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Sep 30, 2019

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: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX C
TSSA RESPONSE

From: [Public Information Services](#)
To: [Jacqueline Pigeon](#)
Subject: RE: 18189 Inquiry of Tank and Spill Information
Date: November 1, 2019 8:15:33 AM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Records Found

Thank you for your request for confirmation of public information.

- We confirm that there are **fuel storage tanks records** in our database at the subject address(es).

Inst Number	Segment1	Address	City	Status
64739771	FS CNG - SS - FAST FILL	101 HONDA BLVD	MARKHAM	Active
10036682	FS PRIVATE FUEL OUTLET - SELF SERVE	101 HONDA BLVD	MARKHAM	Active
64534909	FS CNG - FS - FAST FILL	101 HONDA BLVD	MARKHAM	Active
11202113	FS LIQUID FUEL TANK	101 HONDA BLVD	MARKHAM	Active
9987065	FS GASOLINE STATION - FULL SERVE	11087 WOODBINE AV	MARKHAM	Active
10186703	FS PROPANE CYLR HANDLING FACILITY	11087 WOODBINE AV	MARKHAM	EXPIRED
11130828	FS LIQUID FUEL TANK	11087 WOODBINE AV	MARKHAM	Active
11319298	FS LIQUID FUEL TANK	11087 WOODBINE AV	MARKHAM	Active
11319320	FS LIQUID FUEL TANK	11087 WOODBINE AV	MARKHAM	Active

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformation@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.

The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets. Nor does it require that any documentation on these facilities be submitted to or reviewed or approved by TSSA. As a result, TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

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

Kind regards,



Connie Hill | Public Information Agent

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9

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www.tssa.org



From: Jacqueline Pigeon <jpigeon@thurber.ca>
Sent: October 31, 2019 11:17 AM
To: Public Information Services <publicinformation@tssa.org>
Subject: 18189 Inquiry of Tank and Spill Information

Hello,

Could you please search if any tank or spill records were filed at the following locations in Markham?

- 2705 19th Avenue
- 2780 19th Avenue
- 2936 19th Avenue

- 180 Honda Boulevard
- 101 Honda Boulevard
- 11349 Woodbine Avenue
- 11087 Woodbine Avenue

Thank you!

Jacqueline Pigeon, B.A.Sc
Environmental E.I.T.

Thurber Engineering Ltd.

103, 2010 Winston Park Drive
Oakville ON L6H 5R7
T. 905 829 8666 x5249 | D. 647 954 1605 | C. 250 701 2331
thurber.ca

Reviewed by:

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APPENDIX D

AERIAL PHOTOGRAPHS



1954 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



1970 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



1978 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



1988 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



1995 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



2002 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



2009 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



2014 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**



2019 Aerial Photograph

**Contamination Overview Study
Highway 404 North Collector Roads
Environmental Assessment Study
Markham, Region of York**

APPENDIX E
SITE PHOTOGRAPHS

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 1: View of 19th Avenue towards the west from approximately 2931 19th Avenue (19th Avenue Farmer's Market).



Photo 2: View of 19th Avenue towards the east from approximately 2743 19th Avenue.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 3: View of Woodbine Avenue towards the north from approximately 250 m north of 19th Avenue.



Photo 4: View towards the west of the Site alignment which connects to Woodbine Avenue approximately 250 m north of 19th Avenue.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 5: View towards the north of the north-south Site alignment which connects to the north end of Honda Boulevard.



Photo 6: View towards the east of the east-west Site alignment (approximately 400 m south of 19th Avenue) from the north end of Honda Boulevard

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 7: View towards the west of the east-west Site alignment (approximately 400 m south of 19th Avenue) from Woodbine Avenue. Signage indicating a natural gas pipeline easement to the south of this east-west Site alignment was observed.



Photo 8: View towards the east of the east-west Site alignment (approximately 400 m south of 19th Avenue) from Woodbine Avenue.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 9: View from Honda Boulevard to the east at a former driveway for 11258 Woodbine Avenue (approximately 650 m south of 19th Avenue). The southern north-south Site alignment is proposed to intersect this property.



Photo 10: View from Woodbine Avenue to the west towards agricultural fields approximately 700 m south of 19th Avenue, which the southern north-south alignment of the Site is proposed to intersect.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 11: View towards the north of the south end of the Site. Stockpiled soils were observed at the location of the Site alignment.



Photo 12: A stormwater management pond observed on the property adjacent to 101 Honda Boulevard and located easterly adjacent to a Site alignment.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS

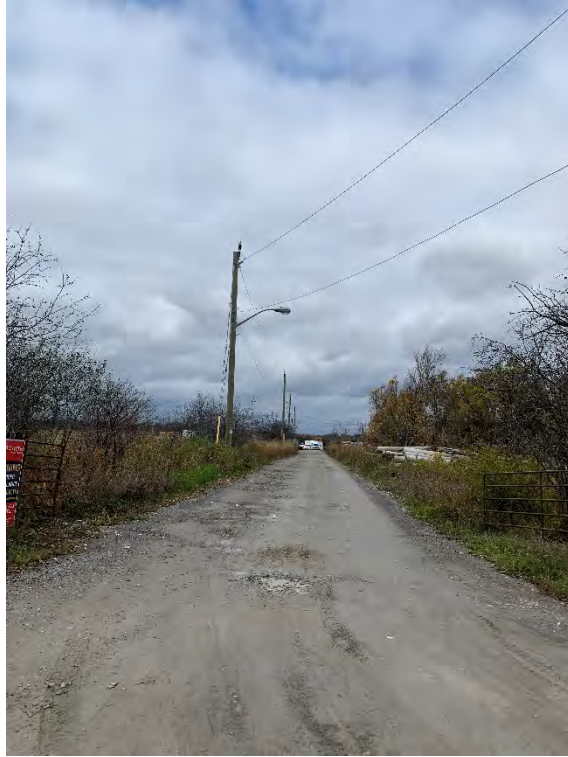


Photo 13: View of 2780 19th Avenue towards the north. The storage of vehicles, equipment, and wooden utility poles were observed on the property.



Photo 14: View of 2705 19th Avenue towards the south. Vehicle storage, sheds (possibly new for wholesale), shipping containers, possible materials storage (i.e. stone), truck parking, and multiple waste bins were observed on the property.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 15: View towards the east of the TransCanada Victoria Square (natural gas) meter station 11346 Woodbine Avenue.



Photo 16: View towards the west of the Honda Canada facility at 180 Honda Boulevard. An office building was observed on the property. A second building was observed which may involve vehicle parts assembly and/or manufacturing.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 17: View towards the northeast of the Enbridge facility at 101 Honda Boulevard. Two ASTs were observed at the southeast corner of the property.



Photo 18: View towards the east of the RaceTrac gas station and Victoria Square Service Centre at 11087 Woodbine Avenue. Covers for USTs were observed near the gas station pumps.

CONTAMINATION OVERVIEW STUDY
HIGHWAY 404 NORTH COLLECTOR ROADS



Photo 19: Two monitoring wells located at the southwest corner of the agricultural field located westerly adjacent to 2825 19th Avenue. The monitoring well with black protective casing was installed by Thurber on July 11, 2019.