

CITY OF TORONTO Phase I Environmental Site Assessment

Sewell's Road Bridge, City of Toronto, Ontario - Final Report

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Executive Summary

Dillon Consulting Limited (Dillon) was retained by the City of Toronto (the "Client") to conduct a Phase I Environmental Site Assessment (ESA) of the property known as "Sewell's Road Bridge" located on Sewell's Road, Steeles Avenue East and Old Finch Avenue in the city of Toronto, Ontario (herein referred to as the "Site". No municipal address was available for the Site, however for the purposes of historical record inquiries, the municipal address of the Site is considered 1107/1200 Sewell's Road, Toronto, Ontario. Based on a chain-of-title search, the Site is defined as PIN 06053-0306(LT), with a property description of: RDAL BTN LTS 8 & 9 CON 4 SCARBOROUGH; PT RD DEVIATION PL 440 SCARBOROUGH W OF SC54319 (SCHEDULE A); PT LT 8 CON 4 SCARBOROUGH AS IN SC5542 & SC55423 SW OF PTS 1, 2 & 3 64R5461, NE OF 64R1034, 3 OF PT 12, 64R2515; BEING SEWELL'S RD BTN PASSMORE AVE AND FINCH AVE; TORONTO, CITY OF TORONTO.

For the purposes of this assessment, the Site is solely defined as the bridge structure. The bridge is a single-lane cable bridge, approximately 49.20 m long and 4.20 m wide, consisting of a total deck area of approximately 206.60 m². The bridge was originally constructed in 1912 and had modifications in 1980 and 1987. The 1980 rehabilitation included the replacement of the deck, main cables, trusses, piers and abutments and painting of structural steel. The 1987 rehabilitation included the repositioning of vertical hangers and the repair of trusses. No other structures were noted at the Site. The Site is owned and operated by the City of Toronto.

The purpose of this Phase I ESA was to identify evidence of actual and/or potential contamination at the Site in connection with historical and current uses of the Site and within the study area. Dillon understands that the City of Toronto has requested this Phase I ESA for due diligence in support of potential infrastructure investment at the Site. The results of the study are not intended for submission in support of a Record of Site Condition under *Ontario Regulation (O.Reg.) 153/04*.

The Phase I ESA identified evidence of potential sources of contamination on the Site and within the Study Area. The potential sources of contamination were assigned a category of low, low to moderate, moderate, or high for the potential to cause subsurface contamination within the Site. A description of each category is provided as follows:

Low – Low potential for contamination at the Site and/or a low potential for contamination migration from adjacent properties. Due diligence environmental sampling or Phase II ESA is not recommended. This generally includes properties where buildings, stored equipment or above-ground storage tanks are more than 50 m from the Site, where there is no evidence of known contamination from records noted (e.g., no spill or waste generator records, no observations of surface staining or spills), and/or where the contaminant pathway is considered to be incomplete.



Low to Moderate – There is a low to moderate potential for contamination at the Site and/or a low to moderate potential for contamination migration from adjacent properties. Due diligence environmental sampling or Phase II ESA is generally recommended. This generally includes properties where there are records of an actual or potential environmental concern (USTs, spills, etc.) that are interpreted to be upgradient of the Site, and/or are less than 50 m from the Site, but where the contaminant pathway may or may not be complete based on factors such as soil and/or contaminant type, groundwater flow direction, etc.

Moderate – Moderate potential for contamination at the Site and/or a moderate potential for contamination migration from adjacent properties. Due diligence environmental sampling or Phase II ESA is recommended. This generally includes properties where there are records of an actual or potential environmental concern (underground storage tanks (USTs), spills, etc.) that are interpreted to be up-gradient of the Site, and/or are less than 50 m from the Site, and where complete contaminant pathways to the Site are considered to be probable.

High – High potential for contamination at the Site and/or a high potential for contamination migration from adjacent properties. Due diligence environmental sampling or a Phase II ESA is recommended for areas identified as a high potential for contamination. This generally includes fuel or large quantity chemical storage on or directly adjacent to the Site, or known soil and/or groundwater contamination within 50 m of the Site.

Location	Description	Information source	Potential to cause subsurface contamination on the Site
Site	Importation of fill of unknown quality	Site Visit	Low – potential for soil impacts within the fill
On-Site (Rouge River – exact distance from Site is unclear)	Historical spill of motor oil	ERIS Ecolog	Low – record of spill was dated in 1995 and is unlikely to still be present at the Site due to natural degradation and washout
Approximately 350m north of the Site	Rail tracks	Aerial Photographs Site Visit	Low – distance of rail tracks to Site is approximately 350m, which is unlikely to influence the Site

A summary of the potential sources of contamination is provided in the table below:

Based on the findings of this report, due diligence environmental sampling or a Phase II ESA is not recommended to assess the environmental conditions of the Site as the potential for contamination at the Site appears low.



1.0 Introduction

1.1 Purpose

Dillon Consulting Limited (Dillon) was retained by the City of Toronto (the "Client") to conduct a Phase I Environmental Site Assessment (ESA) of the property currently "Sewell's Road Bridge" located on Sewell's Road, Steeles Avenue East and Old Finch Avenue in the City of Toronto, Ontario (herein referred to as the "Site". For the purposes of historical record inquiries, the municipal address of the Site is considered 1107/1200 Sewell's Road, Toronto, Ontario. Based on a chain-of-title search, the Site is defined as PIN 06053-0306(LT), with a property description of: RDAL BTN LTS 8 & 9 CON 4 SCARBOROUGH; PT RD DEVIATION PL 440 SCARBOROUGH W OF SC54319 (SCHEDULE A); PT LT 8 CON 4 SCARBOROUGH AS IN SC5542 & SC55423 SW OF PTS 1, 2 & 3 64R5461, NE OF 64R1034, 3 OF PT 12, 64R2515; BEING SEWELL'S RD BTN PASSMORE AVE AND FINCH AVE; TORONTO, CITY OF TORONTO.

For the purposes of this assessment, the Site is solely defined as the bridge structure. The bridge is a single-lane cable bridge, approximately 49.20 m long and 4.20 m wide, consisting of a total deck area of approximately 206.60 m². The bridge was originally constructed in 1912 and had modifications in 1980 and 1987. The 1980 rehabilitation included the replacement of the deck, main cables, trusses, piers and abutments and painting of structural steel. The 1987 rehabilitation included the repositioning off vertical hangers and the repair of trusses. No other structures were noted at the Site. The Site is owned and operated by the City of Toronto.

The purpose of this Phase I ESA was to identify evidence of actual and/or potential contamination at the Site in connection with historical and current uses of the Site and within the Study Area. Dillon understands that the City of Toronto has requested this Phase I ESA for due diligence in support of potential infrastructure investment. The results of the study are not intended for submission in support of a Record of Site Condition under *Ontario Regulation (O.Reg.) 153/04*.

1.2 **Objectives and Scope of Work**

The objective of the Phase I ESA was to collect records of background information to assess the environmental condition of the Site and evaluate whether the Site may be subject to potential contamination. Contamination is defined as "the presence of a substance of concern, or a condition, in concentrations above appropriate pre-established criteria in soil, sediment, surface water, groundwater, air or structures" (CSA, R2016).



To fulfill the objective of the Phase I ESA, the following scope of work was undertaken:

- Review of historical and current records that were reasonably attainable for the Site and surrounding area;
- Conduct a site visit/site reconnaissance to observe the site and surrounding properties;
- Interviews of persons knowledgeable with respect to past and current uses of the Site and/or adjacent properties (if available);
- Review of all available records, including: aerial photographs, city directories, geological and topographic maps, Ecolog ERIS Search Report, OPTA Environmental Services records, Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information (FOI), Municipal FOI records, Technical Standards and Safety Authority Reports (TSSA) and other records provided by the Client; and
- Evaluation of the findings and reporting.

1.3 Standards and Limiting Conditions

The objectives of the Phase I ESA are consistent with the Phase I ESA guidance document produced by the Canadian Standards Association (CSA Z768-01, R2016). As such, this report is based on visual observations made during a site visit, interviews with available persons (if available), a review of historical records, and requests for information filed with government or other regulatory agencies. The results of the study are not intended for submission in support of a Record of Site Condition under *O.Reg. 153/04*. The Phase I ESA is not intended to be a definitive investigation of contamination or other environmental concerns at the Site.

This Phase I ESA is also subject to the following limiting conditions:

- The results of the Phase I ESA were based on a reasonable review and interpretation of the available and reviewed data, interpretation of the results, and the past experience of key environmental professionals;
- No intrusive testing for asbestos-containing materials (ACM) or other designated substances was completed as part of the Phase I ESA;
- Review of historical records pertaining to the Site and the surrounding area are subject to availability for review by Dillon staff;
- A records search was requested for the Site through the Ministry of the Environment, Conservation and Parks (MECP) Freedom of Information (FOI) and Protection of Privacy Office. A response from the MECP had not been received at the time this report was prepared. Records, if available through the MECP, may affect the conclusions of the Phase I ESA report;
- Record searches requiring a municipal address for the Site were requested with an assumed municipal address as no official municipal address was available for the Site; and
- Visual observations of the ground surface (i.e., presence of surface staining) and other site features were limited to conditions that could be viewed during the site visit.





2.0 Methodology

This section describes the methods used to conduct the historical records review, site visit and interview activities.

For the purpose of this investigation, the "Study Area" for the Phase I ESA is defined as the lands within 500 metres (m) of the center of the Site.

2.1 **Review of Previous Investigations**

The Client provided the following reports for review:

- Phase I Environmental Site Assessment Report 1: MMM Property 1 and 18 South of Steeles Avenue East between Littles Road and Sewell's Road, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017;
- Phase I Environmental Site Assessment Report 2: MMM Property 2 and 3 West of Scarborough-Pickering Townline between Steeles Avenue East and 3rd Concession Road, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017;
- Phase I Environmental Site Assessment Report 3: Plug Hat Road and Meadowvale Road, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017;
- Phase I Environmental Site Assessment Report 4: MMM Property 8 Passmore Avenue and Sewell's Road, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017;
- Phase I Environmental Site Assessment Report 5: MMM Property 9 Passmore Avenue west of Reesor Road, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017;
- Phase I Environmental Site Assessment Report 6: MMM Property 10 and 11 Twyn Rivers Drive at Little Rouge Creek and Rouge River, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017;
- Phase I Environmental Site Assessment Report 7: South of Steeles Avenue East between Reesor Road and Beare Road, Rouge Park, Scarborough, Ontario, WSP Canada Inc./MMM Group Limited, April 2017; and
- Bridge Inspection Report Structure ID 812, Sewells Rd over Rouge River, City of Toronto, April 2018.

Based on the review of the available reports, no additional environmental investigations were recommended for 18 parcels described by MMM Group Limited (MMM)/ WSP Global Inc. (WSP). It should be noted that for the parcels of land were in the general vicinity of the Site, however the Sewell's Road Bridge was not part of MMM/WSP's assessments.



2.2 Records Review

The records review consisted of requesting and reviewing information available from the Client and government, public and other agencies or parties. Pertinent information includes the following, as available:

- Historical site plans;
- Published geology, topography, and physiography studies and maps;
- Fire insurance maps;
- Provincial and Municipal Freedom of Information (FOI) requests;
- Historical records from the Technical Standards and Safety Authority (TSSA);
- Historical aerial photographs;
- City directory searches for the site and adjacent properties; and
- Chain-of-title documents.

An ERIS database search was conducted for the Site and Study Area that include federal, provincial and private environmental databases such as:

- Inventories of Coal Gasification Plants;
- Inventories of Waste Disposal Sites;
- Inventory of PCB Storage Sites;
- Underground Fuel Storage Tanks and Retail Fuel Outlets;
- Occurrence Reporting Information System (Spills);
- Waste Generator Databases; and
- Water Well Records.

Dillon also contacted regulatory agencies at the provincial level to request information or records in their files pertaining to potential environmental issues at the Site. Typical items of interest in agency files may include:

- Reports pertaining to prior environmental investigations;
- Past or outstanding environmental violations or administrative orders;
- Known contamination of soil or groundwater at/or in the vicinity of the Site;
- Documented cases of spills or release occurrences;
- Documentation of imported fill materials; and
- Site inspection reports.



2.3 Site Visit

The site visit was completed on April 8, 2020 by Mr. Joshua Seto of Dillon. Activities conducted during the site visit included:

- Observing the grounds of the Site for visible evidence of potential contamination, such as:
 - vegetative stress;
 - soil discoloration or staining; and
 - o soil disturbance or fill placement.
- A review of the on-site structures for other potential on-site contaminant sources, such as:
 - o underground or aboveground storage tanks;
 - o drum or container storage areas, and waste storage areas;
 - o shipping areas and material transfer areas;
 - o process or supply piping; and
 - o PCB-containing electrical equipment.
- Observing properties within the Study Area from the Site, or adjacent public property, where possible.

2.4 Interviews

An interview was not conducted as a person knowledgeable with respect to the Site, surrounding properties and surrounding area was not identified by the Client.

3.0 Phase I ESA Findings

This section presents the results of the historical information review and site visit.

3.1 Site Location and General Description

The Site is located on Sewell's Road, Steeles Avenue East, north of Old Finch Avenue in the City of Toronto, Ontario. No municipal address was available for the Site, however for the purposes of historical record inquiries, the municipal address of the Site is considered 1107/1200 Sewell's Road, Toronto, Ontario. Based on a Chain-of-Title Search, the Site is defined as PIN 06053-0306(LT), with a property description of: RDAL BTN LTS 8 & 9 CON 4 SCARBOROUGH; PT RD DEVIATION PL 440 SCARBOROUGH W OF SC54319 (SCHEDULE A); PT LT 8 CON 4 SCARBOROUGH AS IN SC5542 & SC55423 SW OF PTS 1, 2 & 3 64R5461, NE OF 64R1034, 3 OF PT 12, 64R2515; BEING SEWELL'S RD BTN PASSMORE AVE AND FINCH AVE; TORONTO, CITY OF TORONTO.

For the purposes of this assessment, the Site is solely defined as the bridge structure. The bridge is a single-lane cable bridge, approximately 49.20 m long and 4.20 m wide, consisting of a total deck area of approximately 206.60 m². The bridge was originally constructed in 1912 and had modifications in 1980 and 1987. The 1980 rehabilitation included the replacement of the deck, main cables, trusses, piers and abutments and painting of structural steel. The 1987 rehabilitation included the repositioning of vertical hangers and the repair of trusses. No other structures were noted at the Site. The Site is owned and operated by the City of Toronto.

The Study Area includes the surrounding properties within a 500 m radius of the centre of the bridge. The properties within the Study Area are generally used for residential, agricultural or parkland use, as shown on the satellite imagery on Figure 1 and Figure 2. Selected photographs of the Site are presented in Appendix A.

3.2 Regional Topography and Geology

3.2.1 Topography

Topography at the vicinity of the Site slopes towards the Rouge River that runs underneath the bridge. Regionally, the topography slopes to the south towards Lake Ontario. The Site is at an approximate elevation of 131 m above sea level (asl).

3.2.2 Geology and Hydrogeology

The Site is located approximately 8 km north of Lake Ontario, within the South Slope physiographic region. The surficial geology of the Site and Study Area is mapped as modern alluvial deposits, till and fine textured glaciolacustrine deposits, comprised mostly clay, silt, sand and gravel, and may contain



organic remains. The bedrock geology in the area consists of shale, limestone, dolostone and siltstone of the Georgian Bay Formation, Blue Mountain Formation and Billings Formation. (Ontario Geological Survey, 2010).

A water well search was conducted by ERIS. As a quality control measure, water well records were also independently reviewed from the MECP Well Records Database. According to well records available for the Study Area, the overburden was primarily identified as clay and sand, underlain by a mix of silt and clay. Shale bedrock was encountered at depths between 42.4 and 48.8 mbgs.

3.3 Historical Records Review

3.3.1 Chain-of-Title Search

A chain-of-title search was requested for the Site. The search returned the title record for the Site identified by PIN 06053-0306(LT), with a property description of: RDAL BTN LTS 8 & 9 CON 4 SCARBOROUGH; PT RD DEVIATION PL 440 SCARBOROUGH W OF SC54319 (SCHEDULE A); PT LT 8 CON 4 SCARBOROUGH AS IN SC5542 & SC55423 SW OF PTS 1, 2 & 3 64R5461, NE OF 64R1034, 3 OF PT 12, 64R2515; BEING SEWELL'S RD BTN PASSMORE AVE AND FINCH AVE; TORONTO, CITY OF TORONTO. The Site was transferred to The Municipal Corporation of the Township of Scarborough in 1943. A copy of the title search document is presented in Appendix B.

3.3.2 City Directories

For the purposes of this investigation, the addresses of 1107 and 1200 Sewell's Road were used for historical record searches. A city directory search was requested from ERIS for these addresses and 4 other select addresses within the Study Area:

- 1100 Sewell's Road;
- 1101 Sewell's Road;
- 1103 Sewell's Road;
- 1107 Sewell's Road;
- 1200 Sewell's Road; and
- 1203 Sewell's Road.

As indicated in the city directory search results by ERIS (Appendix B), Toronto, Ontario is listed from 1935 to 2000 within the city directory archive. The city directory searches for the above listed addresses were performed for years 1960, 1965, 1972, 1978-1979, 1985-1986, 1991, 1995 and 2000.

1203 Sewell's Road listed as a residential property from 1995 to 2000. All other addresses within the city directory search were not listed between 1960 and 2000.

Based on the review of the city directory search results for the adjacent addresses, no potential sources of contamination were identified.

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Aerial Photographs 3.3.3

Historical aerial photographs including the Site and the Study Area from 1947, 1956, 1962, 1973, 1981, and 1992 were obtained from the online City of Toronto Archives (City of Toronto, 2020). Additional aerial images from 2005 and 2017 were also reviewed through the City of Toronto online interactive mapping (City of Toronto, 2020). Aerial photos can be found online through the City of Toronto's website.

A summary of the observations of the aerial photographs and photograph details is presented below.

		Aeriai Photograph Summary
Year	Scale, Source	Observations
		Site: The Site appears similar to present day conditions.
1947	1:4,800, City of Toronto Archives, 5G	residence/farming operation that consists of two small structures. Beyond this property, a railway running in a general east-west direction is present. A small residential property appears to be present northwest of the Site. The eastern and western portions of the Study area appear undeveloped at this time. The southern portion of the Study Area is beyond the boundaries of this aerial photograph due to the location of the flight path; as such, these areas were not observed.
1956	Scale not available, City of Toronto Archives, 29-6	Site: The Site appears similar to the 1947 aerial photograph. Study Area: The northern portion of the Study area appears similar to the 1947 aerial photo. A small unknown structure appears to be east of the Site A small farming operation appears to be present southwest of the Site. The areas to the east and west of the Site appear to be generally undeveloped a this time.
1962	Scale not available, City of Toronto Archives, 224	Site: The Site appears similar to the 1956 aerial photograph. Study Area: The northern and eastern portions of the Study Area appear to be similar to the 1956 aerial photograph. The southern and western portions of the Study Area are beyond the boundaries of this aerial photograph due to the location of the flight path; as such, these areas were not observed.
1973	Scale not available, City of Toronto Archives, 240	Site: The Site appears similar to the 1962 aerial photograph. Study Area: The surrounding area appears similar to the previous aerial photos.





			Aerial Photograph Summary			
	1001	1:5,000,	Site: The Site appears similar to the 1973 aerial photograph.			
	1701	Archives, 61	Study Area: The surrounding area appears similar to the previous aerial photos.			
	1992	1:5,000, City of Toronto Archives, 59Q	Site: The Site appears similar to the 1981 aerial photograph. Study Area: The northern and eastern portions of the Study area appears similar to the previous aerial photos. The southwestern portion of the Study area appears to be developed with residential properties. The southern portion of the Study Area is beyond the boundaries of this aerial photograph			
			due to the location of the flight path; as such, these areas were not observed			
	2005	Scale not available, City of Toronto Online Interactive Mapping.	Site: The Site appears similar to the 1992 aerial photograph. Study Area: The surrounding area appears similar to the previous aerial photos.			
		Scale not available,	Site: The Site appears similar to the 2005 aerial photograph.			
	2017	City of Toronto Online Interactive Mapping.	Study Area: The surrounding area appears similar to the previous aerial photos.			
	Based on Site and w	the review of historic vithin the Study Area	al aerial photographs, the following potential of contamination on the were identified:			
	Rail corridor approximately 350 m north of the Site					
	Based on the distance to the Site, the potential of environmental impacts to the Site from the rail corridor is considered low.					
3.3.4	Fire Insurance Plans					
	A search f the Site by properties	for fire insurance plan y OPTA Information Ir s.	s (FIP) along with property underwriter reports/plans was conducted for telligence. No records were located through that search or adjacent			
3.4	Regula	Regulatory Agency Files and Databases Provincial Ministry of Environment, Conservation and Parks (MECP)				
3.4.1	Provincia					
	A request municipal	was sent to the MEC address was available	P to query their Freedom of Information (FOI) records for the Site. As n e for the Site, it was assumed that the addresses of 1107/1200 Sewell's			



Road were appropriate for this search. The request was sent on February 21, 2020. As of the date of this report, a response has not been received by the MECP.

3.4.2 Municipal FOI

A request was sent to the City of Toronto to search their Freedom of Information (FOI) records for the Site. On January 23, 2020, a representative from the City of Toronto responded and due to the lack of information (no available municipal address), a search could not be conducted. It was also noted that records regarding environmental issues for Phase I Environmental Assessments are not required to be handled by Freedom of Information requests. Contact information for various divisions within the City of Toronto was provided including Public Health, Toronto Building, Engineering & Construction Services and Toronto Water (Notices of Violation) were provided and contacted on January 24, 2020. As of issuance of this report, no records have been provided by these divisions. Correspondence with the City of Toronto is included in Appendix C.

3.4.3 Technical Standards and Safety Authority (TSSA)

The Technical Standards and Safety Authority (TSSA), Fuel Safety Branch was contacted by email on February 24, 2020 regarding their knowledge of registered fuel storage tanks and/or environmental infractions related to such tanks at the Sewell's Road Bridge. As no municipal address was available for the Site, it was assumed that the addresses of 1107/1200 Sewell's Road were appropriate for this search. Select addresses in the vicinity of the Site were also requested to be searched. A response was received on February 24, 2020, indicating that there are records for five expired fuel tanks at 361 Old Finch Avenue. Based on the distance to the Site (greater than 500 m), and the assumed down-gradient location of 361 Old Finch Avenue, records were not ordered. A copy of the TSSA request forms and response are included in Appendix C.

It should be noted that the Fuels Safety Branch does not register private fuel underground/aboveground storage tanks prior to 1990 or furnace oil tanks prior to May 1, 2002. Also, the TSSA does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gasoline and diesel tanks.

3.4.4 ERIS Databases

ERIS was retained to conduct a search of federal, provincial and private databases for the Site and properties within 500 m of the centre of the Site (i.e., the Study Area). The extent of the historical information available varies with each database and the information in the databases is only current to what is publicly available to ERIS. A list of the various databases and the years for which data are available is presented as an appendix to the ERIS report.

The report lists the database records for locations within the primary search radius at various levels of detail. The Site diagram in the ERIS report presents a graphical summary of the database search results.



It should be noted that the extent of the historical information available varies with each database and the information in the databases is only current to what is publicly available to ERIS. A summary of the records listed for the Site and within the 500 m search radius is provided below according to the specific database. Within the 500 m search radius, 19 records were found in the various databases. A summary of relevant records listed within the search radius is presented in the following tables.

Based on the intervening distances and/or directions from the Site and/or the natures of the reported activities or potential issues, ERIS records were considered unlikely to represent concerns for the environmental quality of soil or groundwater on the Site or within the Study Area. A summary of notable ERIS records is provided below. A copy of the ERIS report is presented in Appendix D.

Location	Distance and Direction in relation of the Site	ERIS Database Description – Map Key (number of records)	Summary of the Record
Rouge River Bridge (Old Finch Ave. and Sewell's Road)	Assumed On Site, exact location is unclear	SPL-16(1)	Record identified an incident which involved a private motor vehicle with oil leaking into the watercourse (Rouge River). The incident occurred on October 31, 1995. The amount of oil that entered the river was not known.
1203 Sewell's Road	Approximately 175 m north of the Site	WWIS-1-2(2)	Record identified a water supply well installed on February 23, 2004. Overburden was noted to be primarily sand and gravel underlain by clay to approximately 23.62 m bgs. A separate record identified a well on 1203 Sewell's Road was abandoned due to quality reasons on June 2, 2004.
1201 Sewell's Road	Approximately 220 m south of the Site	WWIS-3(1)	Record identified a water supply well installed on December 23, 2003. Overburden was noted to be primarily clay underlain by sand to approximately 15.69 m bgs

Table 3-1: Summary of Notable ERIS records

It is noted that there were also 11 unplottable records (CA, GEN, WWIS) were reported within and possibly beyond the Study Area.

3.5 Site Visit

A visual assessment of the Site was completed on April 8, 2020. The purpose of the assessment was to identify visual or other physical evidence of actual or potential sources of contamination, as well as actual or potential impacts from current site use or surrounding land uses. Selected photographs taken during the site visit are included in Appendix A.

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3.5.1	Site Description
	The Site consists of a suspension bridge spanning approximately 49.2 m over the Rouge River. The Site is located approximately 2.2 km south of Steeles Avenue East, on Sewell's Road. No buildings or any other structures are noted to be on Site. A residential property is located north of the Site, and parkland/undeveloped land is located east, south and west of the Site.
3.5.2	Site Services and Utilities
	At the time of the site visit, the Site was not serviced for water, gas, hydro or telecommunications. Adjacent properties within the Study area are reported municipally serviced for water, gas, hydro, and telecommunications. Electrical service was reportedly provided through overhead services.
3.5.3	Potable Water Supply and Wastewater Management
	At the time of the site visit, no potable water wells or water supply were observed. No monitoring wells were observed at the Site.
	Catch basins, vegetative surfaces and sloped surfaces were observed adjacent to the Site for control of surface runoff. No wastewater was produced on Site at the time of the site visit.
3.5.4	Storage Tanks/Equipment
	At the time of the site visit, no evidence of underground storage tanks (USTs), aboveground storage tanks (ASTs) or other equipment was observed on Site.
3.5.5	Mechanical Equipment
	At the time of the site visit, no mechanical equipment was observed on Site.
3.5.6	Drains and Sumps
	At the time of the site visit, no evidence of drains or sumps were observed on Site.
3.5.7	Special Attention Items
	Materials such as asbestos, PCBs, lead, arsenic, ozone-depleting substances (ODS), mercury, urea formaldehyde foam insulation (UFFI), radon, excess noise and electric/magnetic fields may be of special significance, if present, because of the potential health and environmental risks associated with these materials.
3.5.7.1	Polychlorinated Biphenyls (PCBs)
	PCBs are commonly associated with dielectric fluids within electrical equipment manufactured in Canada prior to approximately 1979.



At the time of the site visit, no evidence of PCB-containing materials was observed on Site. It should be noted that overhead hydro lines were observed in the vicinity of the Site with pole-mounted transformers. The age of the equipment was unknown at the time of the site visit, however, given the age of the Site, it is possible that this equipment contains PCBs.

3.5.7.2 Asbestos Containing Materials (ACM)

Due to its good insulation and fire retardant properties, asbestos and ACMs were frequently used in building materials from the 1920s to the late 1970s. Uses included, but were not limited to, insulation, flooring, fire rated doors, gaskets, siding and roofing materials, drainage piping and wall board. The use of friable ACM generally ceased in the late 1970s however, asbestos may be present in manufactured materials (e.g., floor tiles) manufactured after the 1970s. The health risk associated with asbestos occurs when asbestos fibres are released from various materials into the ambient air.

At the time of the site visit, no evidence of ACMs was observed on Site.

3.5.7.3 Lead

Paint manufacturers historically added heavy metals, including lead, to paint, because of their desirable properties such as rust prevention or as a bactericide. In 1976, Canadian regulators established the *Hazardous Materials Product Act - Liquid Coating* that limited the amount of lead in interior paint to 0.5%. In 1990, an industry agreement ceased the use of lead in exterior paint. Subsequent to this, the Surface Coating Materials Regulations were promulgated (in 2005), reducing the allowable lead content of paints to 0.06% (600 ppm). Other historical uses of lead in buildings include, but are not limited to, water pipes, pipe fitting solder, roof flashings, equipment and column base pads and concrete anchors.

Based on the rehabilitation activities conducted in 1980, including the painting of the structural steel, it is unlikely lead-containing paint is present at the Site.

3.5.7.4 Arsenic

Arsenic trioxide was a common herbicide used to control weeds around electrical equipment in the 1950s and 1960s. Historical arsenic use at the Site is unknown.

3.5.7.5 Ozone-depleting Substances

Ozone depleting substances (ODS) such as chlorofluorocarbons (CFCs) are manufactured compounds used in a variety of applications such as air-conditioning coolants, industrial solvents, foam products, fire suppressants etc. Each province in Canada has passed legislation requiring mandatory recovery and reclamation of refrigerants during the maintenance of air-conditioning equipment.

At the time of the site visit, no evidence of ODS were observed on Site.



3.5.7.6	Urea Formaldehyde Foam Insulation (UFFI)				
	UFFI was developed in Europe in the 1950s. It was used in Canada, primarily between 1977 and 1980, when it was banned from use. Evidence of UFFI placement was not observed during the site visit.				
3.5.7.7	Radon				
	Radon is produced due to the natural decay of radium from some soil and rock types. Radon gas may be a concern in buildings if there is a poorly ventilated space for gas to accumulate, such as a basement. Due to the nature of the local surficial and bedrock geologies, and the fact that there are no enclosed structures on Site, the potential for elevated radon levels is low.				
	The presence/absence of significant levels of radon can only be determined through testing. Tests for radon were not conducted during this Phase I ESA.				
3.5.7.8	Noise				
	At the time of the site visit, there was no evidence of noise issues at the Site.				
3.5.7.9	Magnetic Fields				
	The environmental effects of magnetic fields created by electrical power distribution have been the subject of extensive study and are the subject of heightened public concern, particularly in residential areas. There are no generally accepted guidelines at present to provide specific guidance on this issue. Potential sources of significant magnetic fields were not observed in the vicinity of the Site during the site visit.				
3.5.8	Chemical and Hazardous Materials Management				
	At the time of the site visit, there was no evidence of handling or storage of chemical or hazardous materials at the Site.				
3.5.9	Watercourses, Ditches or Standing Water				
	The Rouge River generally runs east-west underneath the Site, and eventually runs southeast and drains into Lake Ontario located south of the Site.				
3.5.10	Air Emissions and Odours				
	No emissions with respect to the potential for impact on surface soil quality were identified at the Site or within the Study Area during the site visit. In addition, no strong or noxious odours were detected.				
(



3.5.11	Fill
	At the time of the site visit, fill material in the area of the bridge was not observed. However, based on the age of the bridge, it is possible that fill material may have been brought to Site during construction. Fill material of unknown quality is considered to be a potential source of contamination at the Site.
3.5.12	Observation of Adjacent Properties
	The following summarizes the observation of adjacent properties to the Site. Property use was identified based on visible signage and observations were made from adjacent public property.
	North: Residential Property (1201-1203 Sewell's Road) South: Parkland East: Parkland West: Parkland
	Based on observations made during the site visit, there were no activities that were considered to be potential sources of contamination.
3.5.13	Site Visit Summary
	A site visit was conducted on April 8, 2020 and included observations made on the Site and also on the surrounding properties within the Study Area (to the extent possible from adjacent public property). Based on observations made during the site visit, there were no activities that were considered to be potential sources of contamination.
3.6	Interviews
	An interview was not conducted as a person knowledgeable with respect to the Site, surrounding properties and surrounding area was not identified by the Client.



4.0 Summary and Conclusions

The Phase I ESA was conducted in accordance with the CSA Standard Z768-01 for Phase I ESAs (CSA, 2001, R2016) and included a records review, a site visit, and reporting of the findings.

The Phase I ESA identified evidence of potential sources of contamination on the Site and within the Study Area. The potential sources of contamination were assigned a category of low, low to moderate, moderate, or high for the potential to cause subsurface contamination within the Site. A description of each category is provided as follows:

Low – Low potential for contamination at the Site and/or a low potential for contamination migration from adjacent properties. Due diligence environmental sampling or Phase II ESA is not recommended. This generally includes properties where buildings, stored equipment or above-ground storage tanks are more than 50 m from the Site, where there is no evidence of known contamination from records noted (e.g., no spill or waste generator records, no observations of surface staining or spills), and/or where the contaminant pathway is considered to be incomplete.

Low to Moderate – There is a low to moderate potential for contamination at the Site and/or a low to moderate potential for contamination migration from adjacent properties. Due diligence environmental sampling or Phase II ESA is generally recommended. This generally includes properties where there are records of an actual or potential environmental concern (USTs, spills, etc.) that are interpreted to be upgradient of the Site, and/or are less than 50 m from the Site, but where the contaminant pathway may or may not be complete based on factors such as soil and/or contaminant type, groundwater flow direction, etc.

Moderate – Moderate potential for contamination at the Site and/or a moderate potential for contamination migration from adjacent properties. Due diligence environmental sampling or Phase II ESA is recommended. This generally includes properties where there are records of an actual or potential environmental concern (USTs, spills, etc.) that are interpreted to be up-gradient of the Site, and/or are less than 50 m from the Site, and where complete contaminant pathways to the Site are considered to be probable.

High – High potential for contamination at the Site and/or a high potential for contamination migration from adjacent properties. Due diligence environmental sampling or a Phase II ESA is recommended for areas identified as a high potential for contamination. This generally includes fuel or large quantity chemical storage on or directly adjacent to the Site, or known soil and/or groundwater contamination within 50 m of the Site.



Location	Description	Information source	Potential to cause subsurface contamination on the Site
Site	Importation of fill of unknown quality	Site Visit	Low – potential for soil impacts within the fill
On-Site (Rouge River – exact distance from Site is unclear)	Historical spill of motor oil	ERIS Ecolog	Low – record of spill was dated in 1995 and is unlikely to still be present at the Site due to natural degradation and washout
Approximately 350m north of the Site	Rail tracks	Aerial Photographs Site Visit	Low – distance of rail tracks to Site is approximately 350m, which is unlikely to influence the Site

A summary of the potential sources of contamination is provided in the table below:

Based on the findings of this report, due diligence environmental sampling or a Phase II ESA is not recommended to assess the environmental conditions of the Site as the potential for contamination at the Site appears low.



5.0 Limitations

This report was prepared exclusively for the purposes, project and site location(s) outlined in the report. The report is based on information provided to, or obtained by Dillon as indicated in the report, and applies solely to site conditions existing at the time of the site investigation(s). Although a reasonable investigation was conducted by Dillon, Dillon's investigation was by no means exhaustive and cannot be construed as a certification of the absence of any contaminants from the site(s). Rather, Dillon's report represents a reasonable review of available information within an agreed work scope, schedule and budget. It is therefore possible that currently unrecognized contamination or potentially hazardous materials may exist at the site(s), and that the levels of contamination or hazardous materials may vary across the site(s). Further review and updating of the report may be required as local and site conditions, and the regulatory and planning frameworks, change over time.

This report was prepared by Dillon for the sole benefit of the City of Toronto. The material in the report reflects Dillon's judgment in light of the information available to Dillon at the time of preparation. Any use which a third party (i.e., a party other than the City of Toronto) makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

Respectfully Submitted,

DILLON CONSULTING LIMITED

Joshua Seto, M.EnvSc. Environmental Scientist

Rob Kell,

Senior Reviewer





City of Toronto

Phase I Environmental Site Assessment - Sewell's Road Bridge, City of Toronto, Ontario – Final Report July 2020 – 19-1924

6.0 References

Chapman, L.J. and Putnam, D.F. (1984), The Physiography of Southern Ontario, Third Edition, Ontario Geological Survey, Special Volume 2.

Canadian Standards Association (R2016), Phase I Environmental Site Assessment, Standard Z768-01.

Ontario Geological Survey (2010). Surficial Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 128-REV.

Ontario Ministry of Northern Development and Mines (2007), Chapman, L.J. and Putnam, D.F. 2007. Physiography of southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 228

Ontario Ministry of Northern Development and Mines (2010), Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128.

Ontario Ministry of Northern Development and Mines (2011), Ontario Geological Survey. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1.

Figures

City of Toronto Phase I Environmental Site Assessment July 2020 – 19-1924





ROUGE NATIONAL URBAN PARK

SEWELL'S ROAD BRIDGE PHASE I ENVIRONMENTAL SITE ASSESSMENT

FIGURE 1 SITE LOCATION

Bridge Location

Railway

---- Hydro Line Water Body



SCALE 1:20,000

1.000

MAP DRAWING INFORMATION: DATA PROVIDED BY MNRF, CITY OF TORONTO

MAP CREATED BY: LK MAP CHECKED BY: JS MAP PROJECTION: NAD 1983 UTM Zone 17N



PROJECT: 191924 STATUS: DRAFT DATE: 2020-04-08



ON: I:\GIS\191924 - Bouge Park TMP EA\mxd\P se LESAs\Figure 2 Site and S

ROUGE NATIONAL URBAN PARK

SEWELL'S ROAD BRIDGE PHASE I ENVIRONMENTAL SITE ASSESSMENT

FIGURE 2 SITE AND SURROUNDING PROPERTIES



Bridge Location Study Area (500 m) Railway Parcel Boundary

Water Body



Appendix A

Site Photographs









Appendix B

Supporting Documents





\sim				PARCEL REGISTER (ABBREVIATED) FOR PROP	ERTY IDENTIFIER	
			LAND		PAGE 1 OF 2	
	Untaric	ServiceOr	REGISTRY		PREPARED FOR EEGOOLAB	
			OFFICE #66	06053-0306 (LT)	ON 2020/03/03 AT 11:54:21	
			* CERTIFIED II	N ACCORDANCE WITH THE LAND TITLES ACT * SUBJEC	T TO RESERVATIONS IN CROWN GRANT *	
PROPERTY DE	SCRIPTION:	RDAL BTN LTS 8 & 9 SW OF PTS 1, 2 & 3	CON 4 SCARBOROUGH; PT RD DE 64R5461, NE OF 64R10434, E	EVIATION PL 440 SCARBOROUGH W OF SC54319 (SCHE OF PT 12, 64R2515; BEING SEWELL'S RD BTN PASS	DULE A); PT LT 8 CON 4 SCARBOROUGH AS IN SC55422 & SC55423 MORE AV & FINCH AV; TORONTO , CITY OF TORONTO	
PROPERTY RE	MARKS:					
ESTATE/QUAL	IFIER:		RECENTLY:		PIN CREATION DATE:	
FEE SIMPLE LT CONVERSI	ON QUALIFIED		RE-ENTRY FROM 06053-	0605	2000/06/26	
OWNERS' NAM	<u>es</u> DNTO		<u>CAPACITY</u> <u>SHARE</u> BENO			
REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
*******	2000/07/00		DIOOK INDIENENELEIN DIEE"	05 1001/11/10 ON THE DINES		
EFFECTIVI	2000/07/29	THE NOTATION OF THE	BLOCK IMPLEMENTATION DATE"	OF 1991/11/12 ON THIS PIN		
WAS REPL	ACED WITH THE	"PIN CREATION DATE"	OF 2000/06/26			
** PRINTOU	INCLUDES AL	L DOCUMENT TYPES (DEI	LETED INSTRUMENTS NOT INCLUE	ED) **		
**SUBJECT,	ON FIRST REG	STRATION UNDER THE I	LAND TITLES ACT, TO			
* *	SUBSECTION 4	4(1) OF THE LAND TITI	LES ACT, EXCEPT PARAGRAPH 11	, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES	*	
* *	AND ESCHEATS	OR FORFEITURE TO THE	E CROWN.			
**	THE RIGHTS O	F ANY PERSON WHO WOUL	LD, BUT FOR THE LAND TITLES	ACT, BE ENTITLED TO THE LAND OR ANY PART OF		
**	IT THROUGH L	ENGTH OF ADVERSE POSS	SESSION, PRESCRIPTION, MISDE	SCRIPTION OR BOUNDARIES SETTLED BY		
**	CONVENTION.					
**	ANY LEASE TO	WHICH THE SUBSECTION	N 70(2) OF THE REGISTRY ACT	APPLIES.		
**DATE OF (ONVERSION TO	LAND TITLES: 2000/00	5/26 **			
PL440	1878/07/12	PLAN MISC REGISTER				С
SC55422	1943/03/05	TRANSFER	\$1 FRASER, FRASER,	EFFIE M. ALFRED HAROLD	THE MUNICIPAL CORPORATION OF THE TOWNSHIP OF SCARBORO	С
SC55423	1943/03/06	TRANSFER	\$1		TOWNSHIP OF SCARBOROUGH	С
64R2453	1973/01/18	PLAN REFERENCE				С
SC518541 <i>RE</i>	1975/07/25 MARKS: PL9955	PLAN EXPROPRIATION				С
64R15213	1996/10/11	PLAN REFERENCE				С
TR9259	1997/08/07	BYLAW	CITY OF	SCARBOROUGH		С

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

					a =====			CERT/
			* CEF	RTIFIED IN ACCORDANCE WITH THE LA	AND TITLES ACT * SUBJECT	TO RESE	ERVATIONS IN CROWN GRANT *	
			OFFIC	CE #66	06053-0306 (LT)		ON 2020/03/03 AT 11:54:21	
U.	Ontario	ServiceOntario	Itario Regis	STRY			PREPARED FOR EEGOOLAB	
⇒⊃			LAND				PAGE 2 OF 2	
\sim				PARCEL REGISTER	(ABBREVIATED) FOR PROPE	RTY IDENI	TIFIER	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CHKD
REMARKS: TO DESIGNATE SEWELLS BRIDGE AS BEING OF HISTORICAL AND ARCHITECTURAL VALUE						



ServiceOntario

PRINTED ON 03 MAR, 2020 AT 11:55:38 FOR EEGOOLAB



PROPERTY INDEX MAP TORONTO(No. 80)

LEGEND

FREEHOLD PROPERTY LEASEHOLD PROPERTY LIMITED INTEREST PROPERTY CONDOMINIUM PROPERTY RETIRED PIN (MAP UPDATE PENDING) PROPERTY NUMBER BLOCK NUMBER GEOGRAPHIC FABRIC EASEMENT



THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED





Project Property:	Toronto, Ontario
Report Type:	City Directory
Order No:	20200224101
Information Source:	Polk's Toronto – Scarborough, Ontario Criss Cross Directory
Date Completed:	26/02/2020
City Directory Information Source

Polk's Toronto – Scarborough, Ontario Criss Cross Directory

PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 2000	
Site Listing:	-No Civic Address
Adjacent Droperties	
1100 Sewells Road	-Address Not Listed
1101 Sewells Road	-Address Not Listed
1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed
1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Residential (2 Tenants)

PROJECT NUMBER: 20200224101	



Site Address:	Toronto, Ontario	
Year: 1995		
Site Listing:	-No Civic Address	
Adjacent Properties:		
1100 Sewells Road	-Address Not Listed	
1101 Sewells Road	-Address Not Listed	
1103 Sewells Road	-Address Not Listed	
1107 Sewells Road	-Address Not Listed	
1200 Sewells Road	-Address Not Listed	
1203 Sewells Road	-Residential (1 Tenant)	

PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 1991	



Site Listing:	-No Civic Address
Adjacent Properties:	
1100 Sewells Road	-Address Not Listed
1101 Sewells Road	-Address Not Listed
1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed
1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Address Not Listed

PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 1985-86	
Site Listing:	-No Civic Address
Adjacent Properties:	



1100 Sewells Road	-Address Not Listed
	-Address Not Listed
1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed
1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Address Not Listed

PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 1978-79	
Cito Listing.	No Civio Address
Adjacent Properties:	
1100 Sewells Road	-Address Not Listed
1101 Sewells Road	-Address Not Listed



1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed
1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Address Not Listed

PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 1972	
Site Listing:	-No Civic Address
Adjacent Properties:	
1100 Sewells Road	-Address Not Listed
1101 Sewells Road	-Address Not Listed
1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed



1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Address Not Listed

PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 1965	
Site Listing:	-No Civic Address
Adjacent Properties:	
1100 Sewells Road	-Address Not Listed
1101 Sewells Road	-Address Not Listed
1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed
1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Address Not Listed



PROJECT NUMBER: 20200224101	
Site Address:	Toronto, Ontario
Year: 1960	
Site Listing:	-No Civic Address
Adjacent Properties:	
1100 Courollo Dood	Address Not Listed
1101 Sewells Road	-Address Not Listed
1103 Sewells Road	-Address Not Listed
1107 Sewells Road	-Address Not Listed
1200 Sewells Road	-Address Not Listed
1203 Sewells Road	-Address 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.





An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

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

Report Completed By:

Swati

Site Address:

naToronto ON Canada Project No:

20200224101 Opta Order ID: Requested by: Eleanor Goolab ERIS

Date Completed: 2/28/2020 12:30:01 PM

71626



ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions Requested by:



OPTA INFORMATION INTELLIGENCE

Project #: 20200224101

Eleanor Goolab Date Completed: 02/28/2020 12:30:01

Opta Historical Environmental Services Enviroscan [™] Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

Toll Free: 905.882.6300

F: 905.882.6300

An SCM Company

www.optaintel.ca

Page: 4 Project Name: Bridge A ENVIROSCAN Report

No Records Found



OPTA INFORMATION INTELLIGENCE

Project #: 20200224101

Eleanor Goolab Date Completed: 02/28/2020 12:30:01

Requested by:

No Records Found

Appendix C

Regulatory Correspondence







Seto, Joshua <jseto@dillon.ca>

Environmental Requests

3 messages

Seto, Joshua <jseto@dillon.ca> To: twrecordsearch@toronto.ca Fri, Jan 24, 2020 at 9:00 AM

Good morning Magdalena,

I am conducting 2 separate Phase I Environmental Site Assessments for the Sewell's Road Bridge and the Milne Bailey Bridge and I was wondering if your division has any information including but not limited to the following:

- any records for construction of the bridges, spill records, previous environmental reports,

- information regarding instructions, orders, reports, releases, spills, contamination, notices of violation or other records of environmental concern in the vicinity of the property

- information regarding regional scale groundwater issues that may be present in the area of the site

- information regarding active or historical waste transfer or disposal sites that may also be present in the area of the site and/or other search items including: capital works status, road assumptions, storm/sewer sanitary service connections etc.

I had requested this information through a FOI request with the City, however they asked me to reach out to your division. Unfortunately, I do not have municipal addresses for these bridges, however they belong to Ward 25 (Scarborough-Rouge Park).

Please let me know if there is any information available. Thanks!

Josh



Please consider the environment before printing this email

Toronto Water Record Search <twrecordsearch@toronto.ca> To: "Seto, Joshua" <jseto@dillon.ca> Fri, Jan 24, 2020 at 9:00 AM

Thank you for your email. Your request is important to us.

Please allow for 2 full business days to respond to Record Search enquiries.

As for all Record Search submissions, please allow 15 full business days to complete your request. In the interim, an email with a quote of the fee for your record search submission will be sent to you.

For more information on Toronto Water Record Search, please call our Customer Care line at 416-392-7000

Thank you,

Toronto Water Record Search Team

TWRecordSearch@toronto.ca

Toronto Water Record Search <twrecordsearch@toronto.ca> To: "Seto, Joshua" <jseto@dillon.ca> Cc: Magdalena Grabowski <Magdalena.Grabowski@toronto.ca> Tue, Jan 28, 2020 at 10:51 AM

Hello Joshua,

Thank you for reaching out to our program for this request. Our program issues notices of violation against a property if they are available. Usually this involves spills, contamination, orders, etc. If you are searching for an area nearby the bridges, you would need to clearly define the area (property address). The fee for this search is \$110.57 plus HST per property/active water account. To continue with this search, please fill out the attached record search submission form and we will provide you with a quote for the search.

For information regarding active/historical waste disposal sites or waste transfer sites, please reach out to Marian Louie at Marian.Louie@toronto.ca. For construction/maintenance records for the bridges, you might want to reach out to our Transportation Services department as they are responsible for the servicing of bridges. Also, further information might be found with the MOE.

Please let us know if you have further questions or if you would like to continue with the record search.

Regards,

Matt

From: Seto, Joshua [mailto:jseto@dillon.ca] Sent: 01/24/2020 9:00 AM To: Toronto Water Record Search <twrecordsearch@toronto.ca> Subject: Environmental Requests

Good morning Magdalena,

I am conducting 2 separate Phase I Environmental Site Assessments for the Sewell's Road Bridge and the Milne Bailey Bridge and I was wondering if your division has any information including but not limited to the following:

- any records for construction of the bridges, spill records, previous environmental reports,

- information regarding instructions, orders, reports, releases, spills, contamination, notices of violation or other records of environmental concern in the vicinity of the property

4/2/2020

Dillon Consulting Limited Mail - Environmental Requests

- information regarding regional scale groundwater issues that may be present in the area of the site

- information regarding active or historical waste transfer or disposal sites that may also be present in the area of the site and/or other search items including: capital works status, road assumptions, storm/sewer sanitary service connections etc.

I had requested this information through a FOI request with the City, however they asked me to reach out to your division. Unfortunately, I do not have municipal addresses for these bridges, however they belong to Ward 25 (Scarborough-Rouge Park).

Please let me know if there is any information available. Thanks!

Josh
-Joshua Seto
Dillon Consulting Limited
235 Yorkland Boulevard Suite 800
Toronto, Ontario, M2J 4Y8
T - 416.229.4646 ext. 2002
F - 416.229.4646 ext. 2002
F - 416.229.4692
M - 437.216.4459
JSeto@dillon.ca
www.dillon.ca

Please consider the environment before printing this email

This message is directed in confidence solely to the person(s) named above and may contain privileged, confidential or private information which is not to be disclosed. If you are not the addressee or an authorized representative thereof, please contact the undersigned and then destroy this message.

Ce message est destiné uniquement aux personnes indiquées dans l'entête et peut contenir une information privilégiée, confidentielle ou privée et ne pouvant être divulguée. Si vous n'êtes pas le destinataire de ce message ou une personne autorisée à le recevoir, veuillez communiquer avec le soussigné et ensuite détruire ce message.

1	RecordSearchSubmissionForm.pdf
\sim	1398K



Environmental Requests

4 messages

Seto, Joshua <jseto@dillon.ca> To: tphinfomgmt@toronto.ca Fri, Jan 24, 2020 at 8:56 AM

Seto, Joshua <jseto@dillon.ca>

Good morning Jeff,

I am conducting 2 separate Phase I Environmental Site Assessments for the Sewell's Road Bridge and the Milne Bailey Bridge and I was wondering if your division has any information including but not limited to the following:

- any records for construction of the bridges, spill records, previous environmental reports,

- information regarding instructions, orders, reports, releases, spills, contamination, notices of violation or other records of environmental concern in the vicinity of the property

- information regarding regional scale groundwater issues that may be present in the area of the site

- information regarding active or historical waste transfer or disposal sites that may also be present in the area of the site and/or other search items including: capital works status, road assumptions, storm/sewer sanitary service connections etc.

I had requested this information through a FOI request with the City, however they asked me to reach out to your division. Unfortunately, I do not have municipal addresses for these bridges, however they belong to Ward 25 (Scarborough-Rouge Park).

Please let me know if there is any information available. Thanks!

Josh



Please consider the environment before printing this email

TPH Info Mgmt <tphinfomgmt@toronto.ca> To: "Seto, Joshua" <jseto@dillon.ca> Mon, Feb 3, 2020 at 12:37 PM

Good morning Josh.

Our Healthy Environments staff have been conducting a search for you. Can you confirm these specific addresses for the bridges?

Milne Bailey Bridge

360 Old Finch Ave, Scarborough, ON

Sewell's Road Bridge

1107 Sewells Rd, Scarborough, ON

Your request mentions 'vicinity' and 'area of the site,' but these bridges appear to be inside Rouge Valley Park. Can you provide specific addresses for the nearby properties you are asking about? We keep and search our records by address, and our staff would like some more specific parameters for their search.

Thank you,



Jeff Maus Consultant, Policy & Information Management Services

Toronto Public Health, 277 Victoria Street 4th fl., Toronto

🖀 416-338-7854 | 🕆 Jeff.Maus@toronto.ca

From: Seto, Joshua [mailto:jseto@dillon.ca] Sent: January 24, 2020 8:57 AM To: TPH Info Mgmt <tphinfomgmt@toronto.ca> Subject: Environmental Requests

Good morning Jeff,

I am conducting 2 separate Phase I Environmental Site Assessments for the Sewell's Road Bridge and the Milne Bailey Bridge and I was wondering if your division has any information including but not limited to the following:

Dillon Consulting Limited Mail - Environmental Requests

- any records for construction of the bridges, spill records, previous environmental reports,

- information regarding instructions, orders, reports, releases, spills, contamination, notices of violation or other records of environmental concern in the vicinity of the property

- information regarding regional scale groundwater issues that may be present in the area of the site

- information regarding active or historical waste transfer or disposal sites that may also be present in the area of the site and/or other search items including: capital works status, road assumptions, storm/sewer sanitary service connections etc.

I had requested this information through a FOI request with the City, however they asked me to reach out to your division. Unfortunately, I do not have municipal addresses for these bridges, however they belong to Ward 25 (Scarborough-Rouge Park).

Please let me know if there is any information available. Thanks!

Josh	
	Joshua Seto
	Dillon Consulting Limited 235 Yorkland Boulevard Suite 800
1	T - 416.229.4646 ext. 2002 F - 416.229.4646 ext. 2002
	M - 437.216.4459 JSeto@dillon.ca www.dillon.ca

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Seto, Joshua <jseto@dillon.ca> To: TPH Info Mgmt <tphinfomgmt@toronto.ca> Cc: Sean O'Connell <soconnell@dillon.ca> Thu, Feb 6, 2020 at 3:37 PM

Hi Jeff,

Sorry for the delayed response. Please go ahead with the search for the 2 addresses that you had listed. At this time, we will not go ahead with any neighbouring addresses. Please let me know if we should expect any charges for this search.

4/2/2020

Josh [Quoted text hidden]



Joshua Seto Dillon Consulting Limited 235 Yorkland Boulevard Suite 800 Toronto, Ontario, M2J 4Y8 T - 416.229.4646 ext. 2002 F - 416.229.4649 Ext. 2002 M - 437.216.4459 JSeto@dillon.ca www.dillon.ca

Please consider the environment before printing this email

TPH Info Mgmt <tphinfomgmt@toronto.ca> To: "Seto, Joshua" <jseto@dillon.ca> Cc: Sean O'Connell <soconnell@dillon.ca> Mon, Feb 10, 2020 at 10:26 AM

Good morning Josh,

Our Healthy Environments staff did not find any records that matched your request related to those addresses.

If you have any questions or concerns about that, please let me know.

Thank you,

Jeff

[Quoted text hidden]



Environmental Request

3 messages

Seto, Joshua <jseto@dillon.ca> To: peter.raynes@toronto.ca Fri, Feb 21, 2020 at 11:45 AM

Seto, Joshua <jseto@dillon.ca>

Good afternoon Peter,

I am conducting 2 separate Phase I Environmental Site Assessments for the Sewell's Road Bridge and the Milne Bailey Bridge and I was wondering if your division has any information including but not limited to the following:

- any records for construction of the bridges, spill records, previous environmental reports,

- information regarding instructions, orders, reports, releases, spills, contamination, notices of violation or other records of environmental concern in the vicinity of the property

- information regarding regional scale groundwater issues that may be present in the area of the site

- information regarding active or historical waste transfer or disposal sites that may also be present in the area of the site and/or other search items including: capital works status, road assumptions, storm/sewer sanitary service connections etc.

I had requested this information through a FOI request with the City, however they asked me to reach out to your division. Unfortunately, I do not have municipal addresses for these bridges, however they belong to Ward 25 (Scarborough-Rouge Park).

Please let me know if there is any information available. Thanks!

Josh



Please consider the environment before printing this email

Peter Raynes <Peter.Raynes@toronto.ca> To: Sean Fitzpatrick <Sean.Fitzpatrick@toronto.ca> Cc: "Seto, Joshua" <jseto@dillon.ca> Fri, Feb 21, 2020 at 12:05 PM

Would you be able to assist on this enquiry regarding property records for a Scarborough property – thanks.

Peter

Hi Sean,

Peter Raynes Manager, Customer Service | TEY District Main Floor West | 100 Queen Street West

Toronto, ON M5H 2N2

T (416) 392-4945

[Quoted text hidden]

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Sean Fitzpatrick <Sean.Fitzpatrick@toronto.ca> To: Peter Raynes <Peter.Raynes@toronto.ca> Cc: "Seto, Joshua" <jseto@dillon.ca> Fri, Feb 21, 2020 at 12:50 PM

Good afternoon Josh

I hope your day is going well.

• Generally speaking Toronto Building (TB) records are specific to Permit documents and plans. We likely have no records of the bridge construction as they are controlled by Transportation Services because they are within the City Right of Way. You may want to follow up with our partners in Transportation Services. Call 311 as the outfacing web pages do not provide contact detail.

• For the environmental matters there **may be** retained reports etc. (soils Investigation) as part of a compliance matter for a construction permit. But that would be to meet applicable law. In the specific case a Record of Site Condition (RSC) is required where construction on a site (not streets) includes a change is use form one use to a more sensitive use.

• To find out about the location of existing waste transfer sites, you can refer to **Solid Waste Management Services**. They do not provide a direct contact from their website. You can contact them through our 311 service. Ask to be directed to someone that can provide locations of Garbage related/sensitive materials storage etc.

• You may also want to follow up with the Ministry of the Environment.

Sean

[Quoted text hidden]



Environmental Requests

2 messages

Seto, Joshua <jseto@dillon.ca> To: sinead.canavan@toronto.ca Fri, Jan 24, 2020 at 8:58 AM

Seto, Joshua <jseto@dillon.ca>

Good morning Sinead,

I am conducting 2 separate Phase I Environmental Site Assessments for the Sewell's Road Bridge and the Milne Bailey Bridge and I was wondering if your division has any information including but not limited to the following:

- any records for construction of the bridges, spill records, previous environmental reports,

- information regarding instructions, orders, reports, releases, spills, contamination, notices of violation or other records of environmental concern in the vicinity of the property

- information regarding regional scale groundwater issues that may be present in the area of the site

- information regarding active or historical waste transfer or disposal sites that may also be present in the area of the site and/or other search items including: capital works status, road assumptions, storm/sewer sanitary service connections etc.

I had requested this information through a FOI request with the City, however they asked me to reach out to your division. Unfortunately, I do not have municipal addresses for these bridges, however they belong to Ward 25 (Scarborough-Rouge Park).

Please let me know if there is any information available. Thanks!

Josh



Please consider the environment before printing this email

Sinead Canavan <Sinead.Canavan@toronto.ca> To: "Seto, Joshua" <jseto@dillon.ca> Fri, Jan 24, 2020 at 10:28 AM

HI Josh

I have the bridge id numbers they are #812 and #813 respectively for your future reference.

I will follow up with staff on this and the appropriate folks will follow up.

Sinead

Sinead Canavan

https://mail.google.com/mail/u/0?ik=9963c575b4&view=pt&search=all&permthid=thread-a%3Ar1046699424253186813&simpl=msg-a%3Ar-29850965... 1/2

Program Manager Customer Service and Issues Management

Engineering & Construction Services City of Toronto City Hall, 24th Floor, East Tower 100 Queen Street West Toronto, Ontario M5H 2N2 P: 416.397.1864 F: 416.392.4540

C: 416.458.8292

E: sinead.canavan@toronto.ca

TORONTO Engineering & Construction Services

[Quoted text hidden]

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TSSA Request - 191924

2 messages

Seto, Joshua <jseto@dillon.ca> To: Public Information Services <publicinformationservices@tssa.org> Cc: Sean O'Connell <soconnell@dillon.ca>

Hello,

Can you please advise whether there are any records related to fuel use or storage, including current or historical use of above ground storage tanks (ASTs) or underground storage tanks (USTs) for the following locations:

360 Old Finch Avenue, Scarborough

1107 Sewells Road, Scarborough

1200 Sewells Road, Scarborough

1100 Sewells Road, Scarborough

1101 Sewells Road, Scarborough

1103 Sewells Road, Scarborough

361 Old Finch Avenue, Scarborough

305 Old Finch Avenue, Scarborough

264 Old Finch Avenue, Scarborough

1203 Sewells Road, Scarborough

In addition, please determine if there are any files on record with the TSSA that include but are not limited to the following:

-Past or outstanding environmental violations, orders, etc

- Known contamination of soil or groundwater at the vicinity of the site

- Documented cases of spills or release occurrences, and responsive action taken, and

- nuisance complaints, inspection reports, etc.

Thank you in advance for your cooperation and prompt attention to this request.

Josh



Public Information Services <publicinformationservices@tssa.org> To: "Seto, Joshua" <jseto@dillon.ca>

Records Found

Hello,

Thank you for your request for confirmation of public information.

• We confirm the following <u>fuel storage tanks records</u> in our database at the subject address(es).

Inst Number	Context	Address	City	Province	Postal Code	Status
10283574	FS PRIVATE FUEL OUTLET - SELF SERVE	361 OLD FINCH AV NEAR GATE D METROZOO	TORONTO	ON	M1B 5K7	EXPIRED
11153224	FS Propane Tank	361 OLD FINCH AV NEAR GATE D METROZOO	TORONTO	ON	M1B 5K7	EXPIRED
11599067	FS Liquid Fuel Tank	361 OLD FINCH AV NEAR GATE D METROZOO	TORONTO	ON	M1B 5K7	EXPIRED
11599054	FS Liquid Fuel Tank	361 OLD FINCH AV NEAR GATE D METROZOO	TORONTO	ON	M1B 5K7	EXPIRED

Mon, Feb 24, 2020 at 11:20 AM

Mon, Feb 24, 2020

Seto, Joshua <jseto@dillon.ca>

https://mail.google.com/mail/u/0?ik=9963c575b4&view=pt&search=all&permthid=thread-a%3Ar-3222227342123038877&simpl=msg-a%3Ar30402890... 1/2

3/25/2020

Dillon Consulting Limited Mail - TSSA Request - 191924

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	10002942	FS PROPANE REFILL CNTR - CYLR FILL	361 OLD FINCH AV NEAR GATE D METROZOO	TORONTO	ON	M1B 5K7	EXPIRED
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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 the completed form to public informationservices@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 MasterCarc a Cheque made payable to TSSA.

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,

ī.

Gaya

[Quoted text hidden]

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Appendix D

ERIS Report







Project Property:

Project No: Report Type: Order No: Requested by: Date Completed: Bridge A n/a Toronto ON Bridge A Quote - Custom-Build Your Own Report 20190529022 Dillon Consulting Limited January 21, 2020

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Executive Summary

Property Information:

Project Property:

Project No:

Bridge A n/a Toronto ON

Bridge A

Order Information:

Order No: Date Requested: Requested by: Report Type: 20190529022 May 29, 2019 Dillon Consulting Limited Quote - Custom-Build Your Own Report

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.50km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	9	9
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	2	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FED TANKS	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.50km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National 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	0	0
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	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
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	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	6	7
	-	Total:	1	18	19

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	WWIS		lot 6 con 4 SCARBOROUGH ON	SE/0.0	2.63	<u>15</u>

Well ID: 6927662

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>2</u>	WWIS		lot 8 con 4 ON <i>Well ID:</i> 6927919	N/159.1	17.77	<u>23</u>
<u>3</u>	WWIS		lot 9 con 4 SCARBOROUGH ON <i>Well ID:</i> 6927560	ESE/189.6	12.72	<u>25</u>
<u>4</u>	WWIS		lot 5 con 4 ON <i>Well ID:</i> 6927921	SSE/198.8	5.42	<u>31</u>
<u>5</u>	BORE		ON	SE/242.5	-1.46	<u>33</u>
<u>6</u>	BORE		ON	SE/246.9	-5.95	<u>34</u>
Z	BORE		ON	SE/262.2	-6.62	<u>35</u>
<u>8</u>	BORE		ON	W/283.9	9.08	<u>36</u>
<u>9</u>	BORE		ON	SW/266.0	6.76	<u>37</u>
<u>10</u>	BORE		ON	SE/303.3	-8.74	<u>38</u>
<u>11</u>	BORE		ON	SE/307.3	-7.53	<u>39</u>
<u>12</u>	WWIS		lot 9 con 4 SCARBOROUGH ON <i>Well ID:</i> 6929072	S/344.7	16.00	<u>40</u>
<u>13</u>	WWIS		lot 9 con 4 ON	NW/381.8	26.05	<u>47</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6905367			
<u>14</u>	EHS		South west corner of Sewells Road and Littles Road Toronto ON	W/433.9	19.30	<u>50</u>
<u>15</u>	BORE		ON	SE/417.5	-6.77	<u>50</u>
<u>16</u>	SPL	PRIVATE OWNER	ROUGE RIVER. BRIDGE @ OLD FINCH & SEWELLS RD. MOTOR VEHICLE (OPERATING FLUID) TORONTO CITY ON	S/457.3	16.49	<u>51</u>
<u>17</u>	BORE		ON	WNW/448.6	27.05	<u>52</u>
<u>18</u>	WWIS		lot 8 con 4 ON <i>Well ID:</i> 6926918	N/463.5	25.57	<u>53</u>
<u>19</u>	EHS		260 Old Finch Road Toronto ON M1B 5K4	S/479.6	21.10	<u>54</u>

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 9 BORE site(s) within approximately 0.50 kilometers of the project property.

Site	Address	Distance (m)	<u>lap Key</u>
	ON	242.5	<u>5</u>
	ON	246.9	<u>6</u>
	ON	262.2	<u>7</u>
	ON	283.9	<u>8</u>
	ON	266.0	<u>9</u>
	ON	303.3	<u>10</u>
	ON	307.3	<u>11</u>
	ON	417.5	<u>15</u>
	ON	448.6	<u>17</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 2 EHS site(s) within approximately 0.50 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	<u>Map Key</u>
	South west corner of Sewells Road and Littles Road Toronto ON	433.9	<u>14</u>
	260 Old Finch Road Toronto ON M1B 5K4	479.6	<u>19</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 1 SPL site(s) within approximately 0.50 kilometers of the project property.

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE OWNER	ROUGE RIVER. BRIDGE @ OLD FINCH & SEWELLS RD. MOTOR VEHICLE (OPERATING FLUID) TORONTO CITY ON	457.3	<u>16</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 7 WWIS site(s) within approximately 0.50 kilometers of the project property.

Address	<u>Distance (m)</u>	<u>Map Key</u>
lot 6 con 4 SCARBOROUGH ON	0.0	<u>1</u>
Well ID: 6927662		
lot 8 con 4 ON	159.1	<u>2</u>
Well ID: 6927919		
lot 9 con 4 SCARBOROUGH ON	189.6	<u>3</u>
Well ID: 6927560		
lot 5 con 4 ON	198.8	<u>4</u>

<u>Site</u>
Address Well ID: 6927921	<u>Distance (m)</u>	<u>Map Key</u>
lot 9 con 4 SCARBOROUGH ON	344.7	<u>12</u>
Well ID: 6929072		
lot 9 con 4 ON	381.8	<u>13</u>
Well ID: 6905367		
lot 8 con 4 ON	463.5	<u>18</u>

Well ID: 6926918



Eris Sites with Same Elevation

Eris Sites with Lower Elevation

Eris Sites with Unknown Elevation

Major Road

Local road

Proposed Road
 Ferry Route/Ice Road

Trail

Transit Line

Abandoned Line

Golf Course or Driving Range

Park or Sports Field Other Recreation Area 43°49'30"N

43°49'30"N



Aerial Year: 2017

Address: n/a, Toronto, ON

Source: ESRI World Imagery

Order Number: 20190529022



© ERIS Information Limited Partnership



Topographic Map

Address: n/a, ON

Source: ESRI World Topographic Map

Order Number: 20190529022



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Detail Report

Map Key	Numbe Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>1</u>	1 of 1		SE/0.0	127.9 / 2.63	lot 6 con 4 SCARBOROUGH ON		WWIS
Well ID:		6927662			Data Entry Status:		
Construction	n Date:				Data Src:		
Primary Wat	ter Use:	Domestic			Date Received:	3/1/2004	
Sec. Water L	Jse:				Selected Flag:	Yes	
Final Well S	tatus:	Water Sup	oly		Abandonment Rec:		
Water Type:					Contractor:	3030	
Casing Mate	erial:				Form Version:	3	
Audit No:		Z07686			Owner:		
Tag:		A007605			Street Name:	1203 SEWELL RD YORK	
Construction	n				County:	YORK	
Method:					-		
Elevation (m	1):				Municipality:	SCARBOROUGH BOROUGH	
Elevation Re	eliability:				Site Info:		
Depth to Be	drock:				Lot:	006	
Well Depth:					Concession:	04	
Overburden	/Bedrock:				Concession Name:	CON	
Pump Rate:					Easting NAD83:		
Static Water	Level:				Northing NAD83:		
Flowing (Y/N	V):				Zone:		
Flow Rate:	,				UTM Reliability:		
Clear/Cloud	v:				-		
Bore Hole In	formation	11108506			Flovetion	129 269920	
DOTE HOLE IL):	11106506			Elevation: Elevre:	128.200029	
Snatial Statu	18.				Zone:	17	
Code OB [.]		0			East83	644775	
Code OB.	sc.	Overburder	า		North83	4854276	
Open Hole:		010120100			Ora CS:	UTM83	
Cluster Kind	4-				UTMRC [.]	5	
Date Comple	eted:	2/23/2004			UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:					Location Method:	wwr	
Elevrc Desc:							
Location Sou	urce Date:						
Improvemen	t Location	Source:					
Improvemen	t Location	Method:					
Source Revis	sion Comm	ent:					
Supplier Con	nment:						
<u>Overburden a</u> Materials Inte	<u>and Bedroo erval</u>	<u>ck</u>					
Formation IP	. .	~	22066424				
Formation ID):	9	32900424				
Layer:		2					
Color:		6					
General Cold	or:	E					
Mat1:		0	5				
Most Commo	on material.	: (JLA Î				

Mat2: Other Materials:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3: Other Materia Formation To Formation En Formation En	ls: p Depth: d Depth: d Depth UOM:	0.3 1.82 m			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	r: n Material: ls: ls: p Depth: d Depth: d Depth: d Depth UOM:	932966429 7 2 GREY 06 SILT 12 STONES 6.09 6.7 m			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	r: n Material: ls: ls: p Depth: d Depth: d Depth: d Depth UOM:	932966431 9 2 GREY 05 CLAY 06 SILT 12 STONES 21.33 23.62 m			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En Formation En	r: n Material: ls: ls: p Depth: d Depth: d Depth: d Depth UOM:	932966423 1 6 BROWN 02 TOPSOIL 0 0.3 m			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer:		932966425 3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Er Formation Er	r: n Material: Is: Is: p Depth: Id Depth: Id Depth:	6 BROWN 28 SAND 11 GRAVEL 1.82 2.13 m			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation Ta	r: n Material: Ils: Ils:	932966426 4 6 BROWN 08 FINE SAND			
Formation To Formation Er Formation Er	p Depth: d Depth: d Depth UOM:	2.13 3.04 m			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	r: n Material: Is:	932966427 5 6 BROWN 05 CLAY			
Formation To Formation Er Formation Er	ns. p Depth: nd Depth: nd Depth UOM:	3.04 4.57 m			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	r: n Material: Ils:	932966428 6 2 GREY 05 CLAY 73 HARD			
Formation To Formation Er Formation Er	p Depth: Id Depth: Id Depth UOM:	4.57 6.09 m			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	: or: on Material: als: als: op Depth: nd Depth: nd Depth UOM:	932966430 8 2 GREY 05 CLAY 73 HARD 6.7 21.33 m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	933252370 1 0 2.65 m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	933252371 2 2.65 23.62 m			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	struction ID: struction Code: struction: d Construction:	6 Boring			
<u>Pipe Informa</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		11116834 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	930841888 2 GALVANIZED 20.57 23.62 91.44 cm m			

Construction Record - Casing

Casing ID:	930841887
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	0
Depth To:	20.57
Casing Diameter:	91.44
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

Pump Test ID:	11119664
Pump Set At:	18.471
Static Level:	13.11
Final Level After Pumping:	14.2
Recommended Pump Depth:	
Pumping Rate:	13.25
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	11171156
Test Type:	Draw Down
Test Duration:	4
Test Level:	13.24
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11171158
Test Type:	Draw Down
Test Duration:	10
Test Level:	13.38
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11171159
Test Type:	Draw Down
Test Duration:	15
Test Level:	13.47
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	
Test Type:	
Test Duration:	

11171162 Draw Down 30

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Test Level:	044-	13.72			
Test Level U	JW:	m			
<u>Draw Down &</u>	& Recovery				
Pump Test D	etail ID:	11171166 Rocovony			
Test Duration	1:	1			
Test Level:	∩ <i>M</i> -	14.19 m			
Test Level O					
<u>Draw Down &</u>	& Recovery				
Pump Test D	etail ID:	11171155			
Test Type: Test Duratior	n:	Draw Down 3			
Test Level:		13.2			
Test Level U	OM:	m			
<u>Draw Down 8</u>	Recovery				
Pump Test D	etail ID:	11171164 Drow Davie			
Test Type: Test Duration	ı:	50			
Test Level:		14.05			
Test Level U	OM:	m			
<u>Draw Down &</u>	<u>& Recovery</u>				
Pump Test D	etail ID:	11171169			
Test Type: Test Duration	. .	Recovery 4			
Test Level:		14.16			
Test Level U	ОМ:	m			
Draw Down 8	Recovery				
Pump Test D	etail ID:	11171172			
Test Type:	.	Recovery			
Test Level:		14.14			
Test Level U	ОМ:	m			
<u>Draw Down 8</u>	Recovery				
Pump Test D	etail ID:	11171163			
Test Type:	. .	Draw Down			
Test Level:		13.87			
Test Level U	ОМ:	m			
<u>Draw Down 8</u>	<u>Recovery</u>				
Pump Test D	etail ID:	11171171			
Test Type:		Recovery			
Test Duration	ı.	14.14			
Test Level U	ОМ:	m			
	originfo com L T	wironmontal Dials lat-	motion Comi		
20	erisinfo.com Er	ivironmental RISK Info	mation Service	15	Urder No: 20190529022

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down 8	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level U(etail ID: n: OM:	11171176 Recovery 40 14.11 m			
<u>Draw Down 8</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level U(etail ID: 1: OM:	11171160 Draw Down 20 13.54 m			
<u>Draw Down 8</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level U(etail ID: n: OM:	11171165 Draw Down 60 14.2 m			
<u>Draw Down 8</u>	Recovery				
Pump Test Do Test Type: Test Duration Test Level: Test Level U(etail ID: 1: DM:	11171154 Draw Down 2 13.2 m			
<u>Draw Down 8</u>	Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U(etail ID: n: OM:	11171170 Recovery 5 14.15 m			
<u>Draw Down 8</u>	& Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level U(etail ID: n: DM:	11171168 Recovery 3 14.17 m			
<u>Draw Down 8</u>	Recovery				
Pump Test Do Test Type: Test Duration Test Level: Test Level U(etail ID: 1: OM:	11171173 Recovery 20 14.14 m			
<u>Draw Down 8</u>	<u>Recovery</u>				
Pump Test De Test Type:	etail ID:	11171174 Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Test Duration	n:	25			
Test Level:	0.11.	14.13			
Test Level U	OW:	m			
<u>Draw Down &</u>	<u>& Recovery</u>				
Pump Test D	etail ID:	11171175			
Test Type:		Recovery			
Test Level:	1.	14.13			
Test Level U	ОМ:	m			
<u>Draw Down &</u>	& Recovery				
Pump Test D	etail ID:	11171177			
Test Type:		Recovery			
Test Duration	n:	50 14 09			
Test Level U	ОМ:	m			
Draw Down &	<u>& Recovery</u>				
Pump Test D	etail ID:	11171152			
Test Type:	_	Draw Down			
Test Duration	n:	U 13 11			
Test Level U	ОМ:	m			
Draw Down &	& Recovery				
Pump Test D	etail ID:	11171153			
Test Type:		Draw Down			
Test Duration	า:	1 13.15			
Test Level U	ОМ:	m			
Draw Down &	& Recovery				
Pump Test D	etail ID:	11171157			
Test Type:		Draw Down			
Test Duration	n:	5			
Test Level: Test Level III	ом·	13.3 m			
<u>Draw Down &</u>	<u>& Recovery</u>				
Pump Test D	etail ID:	11171161			
Test Type:		Draw Down			
Test Duration	n:	25 13.62			
Test Level U	ОМ:	m			
<u>Draw Down &</u>	& Recovery				
Pump Test D	etail ID:	11171167			
Test Type:		Recovery			
Test Duration	n:	2			
Test Level U	ОМ:	m			
22	erisinfo.com Er	nvironmental Risk Info	ormation Service	S	Order No: 20190529022

Map Key	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Draw Down	& Recovery					
Pump Test L	Detail ID:	11171178				
Test Type:		Recovery				
Test Level:	11.	14.07				
Test Level U	OM:	m				
<u>Water Detail</u>	<u>s</u>					
Water ID:		934049631				
Layer:		2				
Kind Code: Kind:		1 FRESH				
Water Found	d Depth:	2.3				
Water Found	Depth UON	<i>1:</i> m				
<u>Water Detail</u>	<u>s</u>					
Water ID:		934049630				
Layer:		1				
Kind Code:						
Water Found	Depth:	1.82				
Water Found	Depth UON	<i>1:</i> m				
<u>Water Detail</u>	<u>s</u>					
Water ID:		934049632				
Layer:		3				
Kind Code:		1				
Kind: Water Found	Donth	FRESH				
Water Found	d Depth UON	<i>n:</i> m				
Hole Diamet	<u>er</u>					
Hole ID [.]		11116833				
Diameter:		12.92				
Depth From:		0				
Depth To:		23.62				
Hole Depth	JOM:	m				
		GIII				
<u>2</u>	1 of 1	N/159.1	143.0 / 17.77	lot 8 con 4 ON		wwis
Well ID:		6927919		Data Entry Status:		
Construction	n Date:	Domostio		Data Src:	1	
Sec Water I	er USE: Ise:	Domestic		Date Received: Selected Flag:	7/0/2004 Yes	
Final Well St	tatus:	Abandoned-Qualitv		Abandonment Rec:		
Water Type:				Contractor:	6974	
Casing Mate	rial:			Form Version:	3	
Audit No:		∠12096		Owner:		
rag: Construction	n Method:			Street Name: County:	YORK	
Elevation (m):			Municipality:	SCARBOROUGH BOROUGH	
Elevation Re	eliability:			Site Info:		
Depth to Be	drock:			Lot:	008	
Well Depth:				Concession:	04	

Overburden/Bedrock: Concession Name: CON Static Water Level: Basting MAD83: Northing MAD83: Flow Rate: UTM Reliability: Elevation 20ne: 146.374847 Elevation: 146.374847 Bore Hole ID: 1118045 Elevation: 146.374847 D2287: Zone: 17 Spatial Status: Zone: 14764 Code OB Desc: No formation data Org CS: UTM Reliability: Class Code Desc: No formation data Org CS: UTMRS Data Completed: D/22004 UTMRC: 3 Batic Match Comment: Salary Base/Abandonment Salary Base/Abandonment Salary Base/Abandonment: Salary Base/Abandonment Salary Base/Abandonment Salary Base/Abandonment: Annuitz Space/Abandonment Salary Baneter Cossing UD: 1118864 <	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Box Hole Intramation 11180-445 146.374847 P2P2BC: Intramation 146.374847 Space Intramation data North83: 4544764 Code OB Desc: Nortomation data North83: 4544764 Code OB Desc: Nortomation data North83: 4544764 Deate Completer 622004 Easter North83: 4544764 Deate Completer 622004 TUTMRC: 3 Date Completer 622004 UTMRC: 3 Date Completer 622004 UTMRC: 3 Date Completer North83: 4954490	Overburden/E Pump Rate: Static Water L Flowing (Y/N) Flow Rate: Clear/Cloudy:	Bedrock: Level: :			Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CON	
Book Note 10: 11180445 Elevation: 146.374847 Spatial Status: Zone: 17 Code 0B Scatual Status: Zone: 17 Code 0B Desc: No formation data Worth33: 481449 Open Hole: UTMRC: 3 Date Completed: 6/2/2004 UTMRC: 3 Spatial Rescription: Spatial Rescription: 10 Plug Do: Spatial Rescription: 1 Spatial Rescription: 1 1 Control Rescription: 1 1 Plug Do: 1 1 Do:	Bore Hole Info	ormation					
Annular Space/Abandonment. Bealing Record Plug D: 933263283 Layer: 1 Plug To: 0 Plug To: 8 Plug D: 8 Plug To: 8 Plug D: 8 Plug To: 8 Plug Depth UOM: m Pipe ID: 1118964 Comment: 1 Att Name: 930853325 Layer: 1 Material: 3 Open Hole or Material: 3 Open Hole or Material: 3 Casing Diameter: consing Diameter: Casing Diameter: om Casing Diameter: om Casing Diameter: om Puepth From: 9 Puepth To: 9	Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soul Improvement Improvement Source Revise Supplier Com	11180445 :: c: No formation reed: 6/2/2004 rce Date: Location Source: Location Method: ion Comment: ment:	on data		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	146.374847 17 644764 4854499 UTM83 3 margin of error : 10 - 30 m wwr	
Plug D:933263283Layer:1Plug From:0Plug To:8Plug Deth UOM:mPipe ID:11188964Casing No:1Casing No:1Construction Record - CasingConstruction Record - CasingMaterial:3Open Hole or Material:930853325Layer:1Sopen Hole or Material:SONCRETEDepth From:ECasing Dimeter:CONCRETEDepth From:mCasing Dimeter:cmCasing Dimeter:mCasing Dimeter:cmCasing Dimeter:giDepth From:giDepth From:giDiameter:giDiameter:giDiameter:giDepth From:giDepth From:giDepth From:giDepth From:giDepth From:giDiameter:giDiameter:giDiameter:giDepth From:giDepth From:giDepth From:giDiameter:giDiameter:giDiameter:gi <t< th=""><th><u>Annular Spac</u> Sealing Recol</th><th>e/Abandonment rd</th><th></th><th></th><th></th><th></th><th></th></t<>	<u>Annular Spac</u> Sealing Recol	e/Abandonment rd					
Pipe InformationPipe ID:11188964Cassing No:1Comment:1Alt Name:930853325Cassing ID:930853325Layer:1Material:3Open Hole or Material:CONCRETEPept Hor:CONCRETEDepth From:ECassing Diameter:ConCassing Diameter:mCassing Diameter:mCassing Diameter:91Diameter:91Diameter:91Diameter:91Depth From:9Depth From:9Depth From:9Depth From:9Depth From:9Depth From:9Depth From:9Depth From:9Depth From:9Depth UOM:mMaterial:0Diameter:9Diameter:9Diameter:10Material:10Diameter:9Diameter:10Material:10Material:10Material:10Diameter:11314528Diameter:9Depth To:10Material:10Material:10Material:10Material:10Material:11314528Diameter:10Material:10Material:10Material:10Material:10Material	Plug ID: Layer: Plug From: Plug To: Plug Depth U	9 1 0 8 0 <i>M:</i> r	933263283 				
Pipe ID:11188964Casing No:1Att Name:1Construction Record - Casing930853325Layer:1Material:3Open Hole or Material:CONCRETEDepth To:CONCRETECasing Diameter:ConstructionCasing Diameter:mCasing Depth UOM:mHole ID:11314528Diameter:91Depth From:9Depth From:9Depth From:9Depth From:11314528Diameter:9Depth From:9Depth From:9Dep	<u>Pipe Informat</u>	ion					
Construction Record - CasingCasing ID:930853325Layer:1Material:3Open Hole or Material:CONCRETEDepth From:CONCRETECasing Diameter:mCasing Diameter UOM:mHole DiameterMole ID:11314528Diameter:91Depth Tron:91Depth Tron:1100Material:1100Depth Tron:1100Depth Tron:1100 <th>Pipe ID: Casing No: Comment: Alt Name:</th> <th>1 1</th> <th> 1188964 </th> <th></th> <th></th> <th></th> <th></th>	Pipe ID: Casing No: Comment: Alt Name:	1 1	1188964 				
Casing ID:930853325Layer:1Material:3Open Hole or Material:CONCRETEDepth From:-Casing Diameter:-Casing Diameter:-Casing Diameter:-Casing Depth UOM:mHole Diameter:-Depth From:-Depth From:-Depth From:-Depth Fo:-Casing Depth UOM:11314528Diameter:9Depth From:9Depth From:-Depth From:-Mole Depth UOM:mcm-	<u>Construction</u>	Record - Casing					
Hole Diameter11314528Hole ID:11314528Diameter:91Depth From:9Depth To:	Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: 0	930853325 3 CONCRETE em n				
Hole ID: 11314528 Diameter: 91 Depth From: 9 Depth To:	<u>Hole Diameter</u>	<u>r</u>					
	Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diameter	1 9 9 0 <i>M:</i> r <i>r UOM:</i> c	11314528)1) n cm				

Мар Кеу	Number Records	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>3</u>	1 of 1		ESE/189.6	138.0 / 12.72	lot 9 con 4 SCARBOROUGH ON		WWIS
Well ID:		6927560			Data Entry Status:		
Construction Primary Wate	i Date: er Use:	Domestic			Data Src: Date Received:	1/14/2004	
Sec. Water U Final Well Sta	lse: atus:	Water Sur	vlac		Selected Flag: Abandonment Rec:	Yes	
Water Type:	rial:				Contractor:	3030 3	
Audit No:	iai.	Z07669			Owner:		
Tag: Construction	Method:	A007582			Street Name: County:	1201 SEWELL 20 YORK	
Elevation (m)): liability:				Municipality: Site Info	SCARBOROUGH BOROUGH	
Depth to Bed	lrock:				Lot:	009	
Weil Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy	Bedrock: Level:): ':				Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CON	
Bore Hole Int	formation						
Bore Hole ID. DP2BR: Spatial Statu	: s:	11108433			Elevation: Elevrc: Zone:	139.680297 17	
Code OB: Code OB Des	SC:	o Overburde	en		East83: North83:	644967 4854138	
Open Hole: Cluster Kind					Org CS:	UTM83	
Cluster Kind. Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	ted: Irce Date: t Location S t Location N sion Comment:	12/23/200 Source: Method: ent:	3		UTMRC Desc: Location Method:	margin of error : 100 m - 300 m wwr	
<u>Overburden a</u> Materials Inte	and Bedroc erval	<u>k</u>					
Formation ID):		932966247				
Color:			- 6 BROWN				
Mat1:	<i>n.</i>		05				
Most Commo Mat2:	on Material:		CLAY 81				
Other Materia Mat3:	als:		SANDY				
Other Materia	als: on Denth:		0.3				
Formation Er Formation Er	nd Depth: nd Depth: nd Depth U(OM:	3.65 m				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedroc erval	<u>k</u>					
25	erisinfo.co	om Enviro	onmental Risk Info	rmation Service	S	Order No: 2019	0529022

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	932966248 3 2 GREY 05 CLAY			
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	3.65 12.19 m			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	932966246 1 6 BROWN 02 TOPSOIL			
Nats. Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 0.3 m			
<u>Overburden and Bedrock</u> Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth:	932966249 4 2 GREY 08 FINE SAND			
Formation End Depth: Formation End Depth UOM:	15.69 m			
<u>Annular Space/Abandonment</u> Sealing Record				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933252304 1 0 3.04 m			
<u>Method of Construction & Well</u> <u>Use</u>				
Method Construction ID: Method Construction Code:	6			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons	struction:	Boring			
Other Metho	d Construction:	5			
	41a w				
<u>Pipe informa</u>	<u>11011</u>				
Pipe ID:		11116715			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
00110110010	nooona oaomy				
Casing ID:		930841833			
Layer:		1			
Material:		3			
Open Hole of	r Materiai:				
Depth From. Depth To:		11.43			
Casing Diam	eter:	91.44			
Casing Diam	eter UOM:	cm			
Casing Deptl	h UOM:	m			
Construction	Record - Casing				
	y				
Casing ID:		930841834			
Layer:		2			
Material:	Matarial				
Denth From:	r Material:	GALVANIZED			
Depth To:		15.69			
Casing Diam	eter:	91.44			
Casing Diam	eter UOM:	cm			
Casing Deptl	h UOM:	m			
Results of W	ell Yield Testing				
Pump Test IL);	996927560			
Static Level					
Final Level A	fter Pumpina:				
Recommend	ed Pump Depth:				
Pumping Rat	e:				
Flowing Rate					
Recommend	ea Pump Rate:	ft			
Rate UOM:		GPM			
Water State	After Test Code:	-			
Water State	After Test:				
Pumping Tes	t Method:	1			
Pumping Du	ration HR:				
Fumping Du		N			
r ioning.					
<u>Draw Down &</u>	<u> Recovery</u>				
Pumn Toet N	etail ID:	11170925			
Test Type:	con ie.	Recoverv			
Test Duration	n:	0			
Test Level:		14.15			
Test Level U	OM:	m			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	Petail ID: n: OM:	11170926 Draw Down 1 11.14 m			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	vetail ID: n: OM:	11170928 Draw Down 3 11.28 m			
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	vetail ID: n: OM:	11170932 Draw Down 15 12.32 m			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	11170937 Draw Down 50 13.75 m			
Draw Down a	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	11170942 Recovery 4 14.01 m			
Draw Down a	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	Petail ID: n: OM:	11170929 Draw Down 4 11.42 m			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	11170943 Recovery 5 13.88 m			
<u>Draw Down a</u>	<u>& Recovery</u>				
Pump Test D Test Type:	etail ID:	11170945 Recovery			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration Test Level: Test Level UC	: DM:	15 13.58 m			
<u>Draw Down &</u>	<u>Recovery</u>				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170950 Recovery 50 12.91 m			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170933 Draw Down 20 12.57 m			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170934 Draw Down 25 12.8 m			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170940 Recovery 2 14.08 m			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170944 Recovery 10 13.71 m			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170946 Recovery 20 13.46 m			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:	11170938 Draw Down 60 14.15 m			

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170949 Recovery 40 13.11 m			
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170939 Recovery 1 14.1 m			
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170930 Draw Down 5 11.74 m			
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170935 Draw Down 30 13.02 m			
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170936 Draw Down 40 13.25 m			
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170941 Recovery 3 14.06 m			
Draw Down & Recovery				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	11170947 Recovery 25 13.34 m			
Draw Down & Recovery				
Pump Test Detail ID:	11170948			

Map Key	Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Type: Test Duration Test Level: Test Level UC	а: ОМ:	Recovery 30 13.2 m				
<u>Draw Down 8</u>	Recovery					
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: n: DM:	11170951 Recovery 60 12.7 m				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level UC	etail ID: n: OM:	11170931 Draw Down 10 12.04 m				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U(etail ID: n: OM:	11170927 Draw Down 2 11.21 m				
Water Details	i					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	934049598 1 1 FRESH 12.19 m				
Hole Diamete	<u>er</u>					
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:	11116714 121.9 0 15.69 m cm				
<u>4</u>	1 of 1	SSE/198.8	130.7 / 5.42	lot 5 con 4 ON		WWIS
Well ID: Construction Primary Wate Sec. Water U. Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m)	Date: Pr Use: [se: atus: / rial: Method: :	5927921 Domestic Abandoned-Quality Z12094		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	1 7/8/2004 Yes 6974 3 2262 MEADOWVALE RD YORK SCARBOROUGH BOROUGH	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	ability: ock: eedrock: evel:			Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	005 04 CON	
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB:	11180447 :			Elevation: Elevrc: Zone: East83:	131.616424 17 644857	
Code OB Dese Open Hole: Cluster Kind:	c: No formatio	on data		North83: Org CS: UTMRC:	4854053 UTM83 3	
Cluster Kind. Date Complete Remarks: Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com	ed: 6/11/2004 rce Date: Location Source: Location Method: fon Comment: ment:			UTMRC Desc: Location Method:	s margin of error : 10 - 30 m wwr	
<u>Annular Space</u> Sealing Recor	e/Abandonment_ ˈd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U0	9 1 0 9 2M: n	33263285 .1 1				
<u>Pipe Informati</u>	ion					
Pipe ID: Casing No: Comment: Alt Name:	1 1	1188966				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	9 1 3 <i>Material:</i> C <i>ter:</i> <i>ter UOM:</i> c <i>UOM:</i> m	30853326 CONCRETE m				
Hole Diameter	<u>r</u>					
Hole ID: Diameter: Depth From: Depth To:	1 1 1	1314530 .7 0.1				

Мар Кеу	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth L Hole Diamete	IOM: er UOM:		m cm			
<u>5</u>	1 of 1		SE/242.5	123.8/-1.46	ON	BORE
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth r Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments:	Date: Level: er Use: se: n: Elev m: Note: l Elev m:	866119 21558142 Decomm Borehole Geotechr AUG-197 4.7 14.8 Ground S Diamond 151 124	22 issioned hical/Geological Inve 6 Surface Drill CON 4 East Metro. Freewa is located partly in S south by Hwy. 401 W.P. 25-69-00	estigation ay, District 6, Toror Scarborough, Metro between Co	Inclin FLG: SP Status: Surv Elev: Prizometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: Morth proposed East Metro	No Initial Entry No No 7ORK 43.825547 -79.196911 17 644985 4854077 Within 10 metres ro Freeway which runs basically north and south, cham, County of York. The are is bounded to the
Borehole Ge	ology Strati	<u>um</u>				
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4:	ntum ID: h: pr:	7015801 0 6.2 Sand Silty Till			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Compact Dry
Gsc Material Stratum Desc	Description cription:	1:	Road embankment have a truncated [S	: - silty sand, till, co Stratum Description	mpact, somewhat dirty, dry] field.	**Note: Many records provided by the department
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4:	ntum ID: h: pr:	7015802 6.2 8.3 Silt Sandy			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Very Dense Moist Fine
Gsc Material Stratum Des	Description cription:	1:	Sandy silt - very de	ense, fine, moist, w	et below 22 feet depth; cavir	ng below 21 feet depth.
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Dese	ntum ID: h: br: Description cription:	7015803 8.3 14.8 Till Silt Gravel	Silt till - moist, very	dense, some grav	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: el sizes, slightly cohesive **	Very Dense Moist Note: Many records provided by the department
				-		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
		have a truncated [Stratum Description	n] field.	
<u>6</u>	1 of 1	SE/246.9	119.3 / -5.95	ON	BORE
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water I Primary Water Sec. Water U Total Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments:	628: 215: Bore Geo Date: JAN Level: er Use: Not se: n: 10.3 Grow Pow Elev m: 121 Note: Elev m: 119	512 528925 ehole htechnical/Geological Inve I-1966 Used Jund Surface ver auger	estigation	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 43.825333 -79.19717 17 644965 4854053 Not Applicable
Borehole Geo Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4:	blogy Stratum tum ID: 218- 4.6 h: 10.3 r: Grea san Silt Clay Hun	449012 3 en d / nus		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Dense
Gsc Material Stratum Desc	Description: cription:	SAND,SILT,CLAY, Many records prov	HUMUSGREEN,V ided by the depart	ERY DENSE,GRANULAR.	018 0230280330000001200151120. G **Note: atum Description] field.
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	tum ID: 218- 4.1 h: 4.6 r: Clay Description:	449011 /		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Stratum Desc Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	cription: tum ID: 218- 0 h: 4.1 r: Brow Fill San Clay Silt Description: cription:	CLAY. 449010 wn d / FILL,SAND,CLAY,	SILT.BROWN,DEI	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: NSE,GRANULAR.	Dense fill

Map Key N R	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Sun Geologica 1956-197 H	vey al Survey of Canada '2 Urban Geology Auto File: OSHAWA.txt R Logged by professio	mated Information ecordID: 040930 nal. Exact and co	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: n System (UGAIS) NTS_Sheet: 30M14B mplete description of mater	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties.
Source List					
Source Identifier: Source Type: Source Date: Scale or Resoluti Source Name: Source Originato	: 1 Data Sun 1956-197 ion: Varies brs:	vey ′2 Urban Geology Auto Geological Survey o	mated Informatio f Canada	Horizontal Datum: Vertical Datum: Projection Name: n System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator
<u>7</u> 10	of 1	SE/262.2	118.7/-6.62		BORE
Borehole ID: OGF ID: Status: Type: Use: Completion Date: Static Water Leve Primary Water Use: Total Depth m: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Elev Reliabil Note DEM Ground Elev Concession: Location D: Survey D: Comments:	866121 21558142 Decommi Borehole Geotechr : AUG-197 el: 2.2 se: 12.6 Ground S Diamond y m: 148 e: y m: 117	24 issioned hical/Geological Inves '6 Gurface Drill CON 4 East Metro. Freeway is located partly in S south by Hwy. 401 b W.P. 25-69-00	tigation /, District 6, Toror carborough, Metri etween Co	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 0 YORK 43.825295 -79.196931 17 644984 4854049 Within 10 metres tro Freeway which runs basically north and south, kham, County of York. The are is bounded to the
Borenole Geolog Geology Stratum Top Depth: Bottom Depth: Material Color: Material Color: Material 1: Material 2: Material 2: Material 3: Gsc Material Des Stratum Descript	y <u>stratum</u> ID: 7015810 3.6 12.6 Till Silt Silt	Silt till - moist, very o Description] field.	lense, cohesive **	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: 'Note: Many records provid	Very Dense Moist led by the department have a truncated [Stratum
Geology Stratum Top Depth: Bottom Depth: Material Color:	ID: 7015808 .8 2.4			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Loose Moist

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Order No: 20190529022

мар кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		Sand			Geologic Formation:	
Material 2:		Gravel			Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	:			-	
Stratum Des	cription:		Sand - moist, loose, truncated [Stratum I	gravel sizes, (riv Description] field.	er alluvium) **Note: Many r	ecords provided by the department have a
Geology Stra	atum ID:	7015807			Mat Consistency:	
Top Depth:		0			Material Moisture:	
Bottom Dept	th:	.8			Material Texture:	
Material Colo	or:				Non Geo Mat Type:	
Material 1:		Fill			Geologic Formation:	
Material 2:		Sand			Geologic Group:	
Material 3:		Gravel			Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	:	The second successful all	***	and a second second state of the second s	
Stratum Des	cription:		field.	zes ""Note: Many	records provided by the de	partment have a truncated [Stratum Description]
Geology Stra	atum ID:	7015809			Mat Consistency:	Very Dense
Top Depth:		2.4			Material Moisture:	Fire
Bottom Dept	n:	3.6 Crov			Material Texture:	Fine
Material COIC	Dr:	Sand			Coologic Formation:	
Material 1.		Silty			Geologic Formation.	
Material 3		Onty			Geologic Group. Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	:			_ op oon on a com	
Stratum Des	cription:	-	Sand - grey, fine, ve	ry dense, silty **	Note: Many records provide	d by the department have a truncated [Stratum
			Description] field.			· · ·
<u>8</u>	1 of 1		W/283.9	134.4 / 9.08	ON	BORE
<u>8</u>	1 of 1		W/283.9	134.4 / 9.08	ON	BORE
8 Borehole ID:	1 of 1	866130	W/283.9	134.4 / 9.08	ON Inclin FLG:	No
<u>8</u> Borehole ID: OGF ID:	1 of 1	866130 21558143	W/283.9	134.4 / 9.08	ON Inclin FLG: SP Status: Sums Eleve	No Initial Entry
<u>8</u> Borehole ID: OGF ID: Status: Tutus:	1 of 1	866130 21558143 Decomm	W/283.9 33 issioned	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Biozomotor:	No Initial Entry No
Borehole ID: OGF ID: Status: Type: Use:	1 of 1	866130 21558143 Decomm Borehole Geotechr	W/283.9 33 issioned	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name:	No Initial Entry No No
Borehole ID: OGF ID: Status: Type: Use: Completion I	1 of 1	866130 21558143 Decomm Borehole Geotechr 11-AUG-	W/283.9 33 issioned nical/Geological Inves	134.4 / 9.08 stigation	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality:	No Initial Entry No No
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water	1 of 1 Date: Level:	866130 21558143 Decomm Borehole Geotechr 11-AUG-	<i>W/283.9</i> 33 issioned nical/Geological Inves 1978	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot:	No Initial Entry No No
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wat	1 of 1 Date: Level: er Use:	866130 21558143 Decomm Borehole Geotechr 11-AUG-	W/283.9 33 ssioned nical/Geological Inves 1978	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township:	No Initial Entry No No O YORK
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U	1 of 1 Date: Level: er Use: Jse:	866130 21558143 Decomm Borehole Geotechr 11-AUG-	<i>W/283.9</i> 33 ssioned iical/Geological Inves 1978	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD:	BORE No Initial Entry No No O YORK 43.827823
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth I	1 of 1 Date: Level: er Use: Ise: m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7	<i>W/283.9</i> 33 ssioned hical/Geological Inves 1978	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD:	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth ref:	1 of 1 Date: Level: er Use: Ise: m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S	W/283.9 33 ssioned hical/Geological Inves 1978	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone:	BORE No Initial Entry No No O YORK 43.827823 -79.203645 17
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth I Depth Ref: Depth Elev:	1 of 1 Date: Level: er Use: Ise: m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S	<i>W/283.9</i> 33 ssioned hical/Geological Inves 1978	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting:	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth I Depth Ref: Depth Elev: Drill Method:	1 of 1 Date: Level: er Use: Ise: m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster	<i>W/283.9</i> 33 ssioned hical/Geological Inves 1978 Surface n auger	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing:	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Depth Ref: Depth Elev: Drill Method: Orig Ground	1 of 1 Date: Level: er Use: Ise: m: Elev m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137	<i>W/283.9</i> 33 ssioned hical/Geological Inves 1978 Surface n auger	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy:	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth r Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil	1 of 1 Date: Level: er Use: Ise: m: Elev m: Note:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137	<i>W/283.9</i> 33 ssioned hical/Geological Inves 1978 Surface n auger	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth r Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground	1 of 1 Date: Level: er Use: Ise: m: Elev m: Note: I Elev m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137	<i>W/283.9</i> 33 ssioned hical/Geological Inves 1978 surface n auger	134.4 / 9.08	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	DO No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth I Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession:	1 of 1 Date: Level: er Use: Ise: m: Elev m: Note: I Elev m:	866130 21558143 Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 33 issioned iical/Geological Inves 1978 Surface n auger CON 4	134.4 / 9.08 stigation	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Sect. Water U Total Depth Ref: Depth Ref: Depth Ref: Depth Ref: Depth Refev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D:	1 of 1 Date: Level: er Use: Ise: m: Elev m: Note: I Elev m:	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Bassioned hical/Geological Invest 1978 Gurface n auger CON 4 The proposed East I Toronto and partly ir Road and Dean Par	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an ty of York. The area is bourd	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D:	1 of 1 Date: Level: er Use: Jse: m: Elev m: Note: I Elev m:	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Bissioned hical/Geological Invest 1978 Surface n auger CON 4 The proposed East I Toronto and partly ir Road and Dean Par	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres Model to the south by Hwy. 401 between Colins
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments:	1 of 1 Date: Level: er Use: Jse: m: Elev m: Note: I Elev m:	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Bissioned hical/Geological Invest 1978 Furface n auger CON 4 The proposed East I Toronto and partly in Road and Dean Par W.P. 25-69-00	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	DO No No No O YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres Motion of the south by Hwy. 401 between Colins
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Depth Ref: Depth Ref: Depth Ref: Depth Ref: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments:	1 of 1 Date: Level: er Use: Ise: m: Elev m: Note: I Elev m: I Elev m:	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Bassioned hical/Geological Invest 1978 Gurface In auger CON 4 The proposed East I Toronto and partly in Road and Dean Par W.P. 25-69-00	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an ty of York. The area is bour	DO NO NO NO NO NO NO NO NO NO NO NO NO NO
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments: Borehole Ge	1 of 1 Date: Level: er Use: Jse: m: Elev m: Note: I Elev m: I Elev m: ology Stratu	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Assioned hical/Geological Invest 1978 Con 4 The proposed East I Toronto and partly in Road and Dean Par W.P. 25-69-00	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an ty of York. The area is bour on	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres Model to the south by Hwy. 401 between Colins
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Ref: Depth Ref: Depth Ref: Depth Ref: Depth Ref: Depth Ref: Drill Method: Orig Ground Concession: Location D: Survey D: Comments: Borehole Gee Geology Stra Top Depth:	1 of 1 Date: Level: er Use: Jse: m: Elev m: Note: I Elev m: I Elev m: Ology Stratu	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Assioned hical/Geological Invest 1978 Aurface n auger CON 4 The proposed East I Toronto and partly ir Road and Dean Par W.P. 25-69-00	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an ty of York. The area is bour on	BORE No Initial Entry No No 0 YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres Within 10 metres
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Ref: Depth Ref: Depth Ref: Depth Ref: Depth Ref: Depth Ref: Drill Method: Orig Ground Concession: Location D: Survey D: Comments: Borehole Gee Geology Stra Top Depth: Bottom Dept	1 of 1 Date: Level: er Use: Jse: m: Elev m: Note: I Elev m: Sology Stratu	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137	W/283.9 W/283.9 Assioned hical/Geological Invest 1978 Aurface n auger CON 4 The proposed East I Toronto and partly ir Road and Dean Par W.P. 25-69-00	134.4 / 9.08 stigation Metro Freeway w Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an ty of York. The area is bour e no	DO No No No No No No No No No No
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water Primary Wate Sec. Water U Total Depth Depth Ref: Depth Clev: Drill Method: Concession: Location D: Survey D: Comments: Borehole Ge Geology Stra Top Depth: Bottom Dept Material Colo	1 of 1 Date: Level: er Use: Ise: m: Elev m: Note: f Elev m: d Elev m: d Elev m: d Elev m:	866130 2155814: Decomm Borehole Geotechr 11-AUG- 18.7 Ground S Solid ster 137 137 137	W/283.9 W/283.9 Assioned hical/Geological Invest 1978 Con 4 The proposed East I Toronto and partly in Road and Dean Par W.P. 25-69-00	134.4 / 9.08 stigation Metro Freeway w n Markham, Cour k Road and to the	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: hich runs basically north an ty of York. The area is bour a no	DO YORK 43.827823 -79.203645 17 644438 4854318 Within 10 metres Motion of the south by Hwy. 401 between Colins

Order No: 20190529022

Мар Кеу	Number Records	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	Descriptior cription:	Silt Clayey n:	Clayey silt, grey, har	d **Note: Many	Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: records provided by the dep.	artment have a truncated [Stratum Description]
			field.			
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	tum ID: h: r: Description cription:	7015836 0 11 Brown Fine San Silty Clay	d Silty fine sand, brow	n, compact to de	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Ceriod: Depositional Gen:	Compact ams **Note: Many records provided by the
			department have a t		m Descriptionj neid.	
9	1 of 1		SW/266.0	132.0/6.76		2025
-					ON	BORE
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water I Primary Wate Sec. Water U Total Depth n Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments:	Date: Level: se: se: n: Elev m: Note: Elev m:	866129 2155814 Decomm Borehole Geotechr 11-AUG- 20.1 Ground S Hollow st 128 133	32 issioned hical/Geological Inves 1978 Surface em auger CON 4 The proposed East I Toronto and partly ir Road and Dean Parl W P. 25-69-00	tigation Metro Freeway w Markham, Cour < Road and to th	Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy: which runs basically north an nty of York. The area is bour e no	No Initial Entry No No 0 YORK 43.825058 -79.2019 17 644585 4854014 Within 10 metres d south is located partly in Scarborough, Metro nded to the south by Hwy. 401 between Colins
comments.			W.F. 23-09-00			
Borehole Geo	ology Stratu	<u>um</u>				
Geology Stra Top Depth: Bottom Deptl Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	tum ID: h: r: Descriptior	7015833 0 2.4 Sand Gravel			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Compact
Stratum Desc	cription:		Sand and gravel. Co Description] field.	mpact **Note: N	lany records provided by the	e department have a truncated [Stratum
Geology Stra Top Depth: Bottom Deptl Material Colo	tum ID: h: r:	7015834 2.4 13.1 Grey			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Hard

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4:		Silt Clayey Sand Silt			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Gsc Material Stratum Des	Descriptior cription:	1:	Clayey silt, grey, ha department have a t	rd. With thin laye runcated [Stratu	rs of brown sand and silt, tra m Description] field.	ace of gravel **Note: Many records provided by the
Geology Stra Top Depth: Bottom Dept Material Colo	atum ID: h: pr:	7015835 13.1 20.1 Brown			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Very Dense
Material 1: Material 2: Material 3: Material 4:		Sand Silty			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Gsc Material Stratum Des	Descriptior cription:	1:	Silty sand, brown. V Description] field.	ery dense **Note	e: Many records provided by	the department have a truncated [Stratum
<u>10</u>	1 of 1		SE/303.3	116.5/-8.74	ON	BORE
Borehole ID: OGF ID: Status:		866120 21558142	23		Inclin FLG: SP Status:	No Initial Entry
Type: Use: Completion	Date:	Borehole Geotechr	nical/Geological Inves	stigation	Piezometer: Primary Name: Municipality:	No
Static Water Primary Water Sec. Water U	Level: er Use: lse:	2.4			Lot: Township: Latitude DD:	0 YORK 43.825134
Total Depth I Depth Ref: Depth Elev:	m:	14.2 Ground S	Surface		Longitude DD: UTM Zone: Easting:	-79.196413 17 645026
Drill Method: Orig Ground Elev Reliabil	Elev m: Note:	Diamond 151	Drill		Northing: Location Accuracy: Accuracy:	4854032 Within 10 metres
DEM Ground Concession: Location D:	l Elev m:	120	CON 4 East Metro. Freewa is located partly in S south by Hwy. 401 b	y, District 6, Torc carborough, Met between Co	onto. The proposed East Me tro Toronto and partly in Mar	tro Freeway which runs basically north and south, rkham, County of York. The are is bounded to the
Survey D: Comments:			W.P. 25-69-00			
<u>Borehole Ge</u>	ology Stratı	<u>ım</u>				
Geology Stra Top Depth: Bottom Dept Material Cold	atum ID: h: pr:	7015804 0 3.4			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Fill-Misc
Material 1: Material 2: Material 3: Material 4:		Fill Sandy Gravel Stones			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Gsc Material Stratum Des	Descriptior cription:	1:	Fill - moist, sandy, g truncated [Stratum [ravel, stone size Description] field.	s. Sandy fill **Note: Many re	ecords provided by the department have a
Geology Stra Top Depth: Bottom Dept Material Colo	atum ID: h: pr:	7015806 7.6 14.2			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Very Dense Moist

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material I	Description	Till Silt Sandy			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Stratum Desc	ription:		Sandy silt till - moist, [Stratum Description	very dense, col] field.	nesive **Note: Many records	provided by the department have a truncated
Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc	tum ID: n: r: Description ription:	7015805 3.4 7.6 Silt Sandy Fine Sand	d Sandy silt - moist, ve [Stratum Description	ery dense, some] field.	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: fine sand **Note: Many reco	Very Dense Moist ords provided by the department have a truncated
11	1 of 1		SE/307.3	117.7/-7.53		POPE
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water L Primary Wate Sec. Water Us Total Depth m Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground Concession: Location D: Survey D: Comments:	ate: .evel: r Use: se: n: Elev m: Note: Elev m:	866122 21558142 Decommie Geotechr AUG-197 2.7 12.6 Ground S Diamond 151 121	25 ssioned iical/Geological Inves 6 urface Drill CON 4 East Metro. Freeway is located partly in S south by Hwy. 401 b W.P. 25-69-00	tigation /, District 6, Toro carborough, Met etween Co	ON Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 0 YORK 43.825001 -79.196542 17 645016 4854017 Within 10 metres tro Freeway which runs basically north and south, kham, County of York. The are is bounded to the
Borehole Geo Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color	Nogy Stratu tum ID: n: r: Description ription: tum ID: n: r:	<u>m</u> 7015814 7 12.6 Till Silt 7015811 0 .5	Silt till - moist, very c [Stratum Description	lense, slightly co] field.	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: shesive **Note: Many records Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type:	Very Dense Moist s provided by the department have a truncated

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4:		Fill Sandy Boulders			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Gsc Material Stratum Des	Descriptior cription:	1:	Fill - sandy, boulders field.	s **Note: Many re	cords provided by the depar	tment have a truncated [Stratum Description]
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Desc	atum ID: h: pr: Descriptior cription:	7015813 2.1 7 Silt Sandy	Sandy silt - wet, fine	, very dense **No	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: te: Many records provided b	Very Dense Wet Fine by the department have a truncated [Stratum
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Dest	atum ID: h: pr: Descriptior cription:	7015812 .5 2.1 Sand Gravel	Alluvium - moist, sar by the department h	nd, gravel sizes, d ave a truncated [\$	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: lecayed material approximat Stratum Description] field.	Moist ely 6 feet depth **Note: Many records provided
12	1 of 1		S/344.7	141.3 / 16.00	lot 9 con 4 SCARBOROUGH ON	WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	n Date: er Use: Ise: atus: rial: n Method:): liability: drock: Bedrock: Bedrock: Level:):	6929072 Domestic Water Su Z27516 A022607	pply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	7/5/2005 Yes 1413 3 264 OLD FINCH AVE YORK SCARBOROUGH BOROUGH 009 04 CON
<u>Bore Hole In</u> Bore Hole ID DP2BR:	formation :	1132804 ⁻ 139	I		Elevation: Elevrc:	146.438842
Spatial Statu Code OB: Code OB De: Open Hole:	sc:	r Bedrock			Zone: East83: North83: Org CS:	17 644745 4853898 UTM83

Order No: 20190529022

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	ted: 4/7/2005 Irce Date: t Location Source: t Location Method: sion Comment: nment:	5		UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	: or: on Material: als: als: op Depth: nd Depth: nd Depth UOM:	933038052 3 6 BROWN 28 SAND 79 PACKED 16.76 21.33 m				
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation To	: on Material: als: als: op Depth: ad Denth:	933038051 2 GREY 05 CLAY 73 HARD 4.57 16 76				
Formation Er	and Bedrock	m				
Materials Inte Formation ID Layer:	erval	933038050 1				
Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Motoria	or: on Material: als:	6 BROWN 05 CLAY 73 HARD				
Formation Er Formation Er Formation Er	ars. op Depth: nd Depth: nd Depth UOM:	0 4.57 m				

Overburden and Bedrock

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	: on Material: als: op Depth: nd Depth UOM:	933038053 4 2 GREY 06 SILT 85 SOFT 21.33 36.57 m			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation E	: on Material: als: als: op Depth: nd Depth:	933038054 5 2 GREY 05 CLAY 66 DENSE 36.57 42.36			
Formation Er	nd Depth UOM: and Bedrock	m			
Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation Te Formation En	erval e: or: on Material: als: als: op Depth: nd Depth: nd Depth:	933038055 6 2 GREY 17 SHALE 73 HARD 42.36 48.15 m			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	933271894 1 0 6.09 m			

Method of Construction & Well Use

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI	8
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	4 Rotary (Air)				
<u>Pipe Informat</u>	ion					
Pipe ID: Casing No: Comment: Alt Name:		11342896 1				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	Material: eter: eter UOM: uUOM:	930873029 2 4 OPEN HOLE 42.36 48.15 cm m				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	Material: eter: eter UOM: • UOM:	930873028 1 STEEL 0 42.36 15.87 cm m				
Results of We	ell Yield Testing					
Pump Test ID Pump Set At: Static Level: Final Level A Recommende Pumping Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Dur Pumping Dur Flowing: Draw Down & Pump Test Dur	: fter Pumping: ed Pump Depth: e: ed Pump Rate: fter Test Code: fter Test: t Method: ation HR: ation MIN: <u>Recovery</u> etail ID:	11353315 45 26.4 45 15 15 15 15 15 15 CLEAR 2 0				
Test Type: Test Duration Test Level: Test Level UC	: DM:	Draw Down 60 41.5 m				
43	erisinfo.com Env	ironmental Risk Info	rmation Service	S	Order No: 20190529022	2

Draw Down & Recovery

Pump Test Detail ID:	11408798
Test Type:	Recovery
Test Duration:	50
Test Level:	27.55
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11408803
Test Type:	Recovery
Test Duration:	2
Test Level:	40.38
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11408810
Test Type:	Draw Down
Test Duration:	25
Test Level:	36.04
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11408812
Test Type:	Draw Down
Test Duration:	20
Test Level:	34.78
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11408802
Test Type:	Recovery
Test Duration:	3
Test Level:	39.79
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11408805
Test Type:	Recovery
Test Duration:	1
Test Level:	40.92
Test Level UOM:	m
Test Type. Test Duration: Test Level: Test Level UOM:	1 40.92 m

Draw Down & Recovery

Pump Test Detail ID:	11408811
Test Type:	Recovery
Test Duration:	20
Test Level:	32.56
Test Level UOM:	m

Draw Down & Recovery

	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	Pump Test De	etail ID:	11408814			
	Test Type:		Recovery			
	Test Duration	:	15			
	Test Level:		34.3			
	Test Level UC	DM:	m			
	Draw Down &	<u>Recovery</u>				
	Pump Test De	atail ID:	11408797			
	Test Type:	itan ib.	Recovery			
	Test Duration	:	5			
	Test Level:		38.77			
	Test Level UC	ОМ:	m			
	<u>Draw Down &</u>	Recovery				
		-				
	Pump Test De	etail ID:	11408800			
	Test Type:		Recovery			
	Test Duration	:	40			
	Test Level:	N#4-	20.30			
	Test Level DC	////.	111			
	<u>Draw Down &</u>	Recovery				
	Pump Test De	etail ID:	11408801			
	Test Type:		Draw Down			
	Test Duration	:	40			
	Test Level:		38.98			
	Test Level UC	DM:	m			
	<u>Draw Down &</u>	Recovery				
	Pump Tost De	stail ID:	11408804			
	Test Type	an iD.	Draw Down			
	Test Duration	:	10			
	Test Level:		31.6			
	Test Level UC	DM:	m			
		_				
	Draw Down &	Recovery				
	Pump Test De	etail ID:	11408807			
	Test Type:		Recovery			
	Test Duration	:	30			
	Test Level:		29.97			
	Test Level UC	DM:	m			
	<u>Draw Down &</u>	<u>Recovery</u>				
	D		44 400 000			
	Pump Test De	etali ID:	11408808 Drow Down			
	Test Type:					
	Test Loval	•	30 37 16			
	Test Level UC	DM:	m			
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	etail ID:	11408815			
	Test Type:		Draw Down			
	Test Duration	:	15			
	Test Level:		33.31			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Test Level U	IOM:	m				
Draw Down	<u>& Recovery</u>					
Pump Test L	Detail ID:	11408793				
Test Type:		Recovery				
Test Duratio	n:	4				
Test Level:		39.28				
Test Level 0	<i>ом.</i>	m				
Draw Down	<u>& Recovery</u>					
Pump Test L	Detail ID:	11408795				
Test Type:		Recovery				
Test Duratio	n:	60				
Test Level:		27.24				
Test Level U	IOM:	m				
Draw Down	<u>& Recovery</u>					
Pump Test L	Detail ID:	11408817				
Test Type:		Draw Down				
Test Duratio	n:	3				
Test Level:		28.6				
Test Level 0		111				
Draw Down	& Recovery					
Pump Test L	Detail ID:	11408794				
Test Type:		Draw Down				
Test Duratio	n:	4				
Test Level:		29.08				
Test Level U	IOM:	m				
Draw Down	<u>& Recovery</u>					
Pump Test L	Detail ID:	11408809				
Test Type:		Recovery				
Test Duratio	n:	25				
Test Level:		31.13				
Test Level U	IOM:	m				
Draw Down	& Recovery					
Pump Test [Detail ID:	11408792				
Test Type:		Draw Down				
Test Duratio	on:	2				
Test Level:		28.02				
Test Level U	IOM:	m				
Draw Down	& Recovery					
Pump Test L	Detail ID:	11408799				
Test Type:		Draw Down				
Test Duratio	on:	50				
Test Level:		40.4				
Test Level U	IOM:	m				
Draw Down	<u>& Recovery</u>					
					<u> </u>	
46	erisinto.com Er	nvironmental Risk Info	rmation Service	es	Order No: 20190529022	
Map Key	Number Records	of Direction/ Distance (r	Elev/Diff n) (m)	Site		DB
--------------------	-----------------------	------------------------------	---------------------	--------------------	-----------	------
Pump Test D	Detail ID:	11408806				
Test Type:		Draw Down				
Test Duratio	n:	1				
Test Level:	~~~	27.31				
Test Level U	ОМ:	m				
<u>Draw Down o</u>	<u>& Recovery</u>					
Pump Test D	Detail ID:	11408813				
Test Type:		Draw Down				
Test Duratio	n:	5				
Test Level:	~~	29.52				
Test Level U	OW:	m				
<u>Draw Down o</u>	<u>& Recovery</u>					
Pump Test D	Detail ID:	11408816				
Test Type:		Recovery				
Test Duratio	n:	10				
Test Level:		36.38				
Test Level U	OW:	m				
Water Detail	<u>s</u>					
Water ID:		934061679				
Layer:		1				
Kind Code:		1				
Kind:	Denth	FRESH				
Water Found	i Deptn:	48 1				
water Found	i Deptri UOM					
Hole Diamet	<u>er</u>					
Hole ID:		11549169				
Diameter:		20.32				
Depth From:		6.09				
Depth To:		16.76				
Hole Depth L	JOM:	m				
Hole Diamet	er UOM:	cm				
Hole Diamete	<u>er</u>					
Hole ID.		11549170				
Diameter:		25.4				
Depth From:		0				
Depth To:		6.09				
Hole Depth U	ЈОМ:	m				
Hole Diamet	er UOM:	cm				
13	1 of 1	NW/381.8	151.3 / 26.05	lot 9 con 4		
—			-	ON		wwis
Well ID:		6905367		Data Entry Status:		
Construction	n Date:			Data Src:	1	
Primary Wat	er Use:	Livestock		Date Received:	1/29/1964	
Sec. Water L	lse:	Domestic		Selected Flag:	Yes	
Final Well St	atus:	Water Supply		Abandonment Rec:	5400	
Water Type:				Contractor:	5420	
Casing Mate	rial:			Form Version:	1	
Audit NO:				Owner:		

Map Key Numbo Record	er of ds	Direction/ Distance (m)	Elev/Diff (m)	Site		D
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:				Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	YORK SCARBOROUGH BOROUGH 009 04 CON	
Bore Hole Information						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Bomorka:	10496073 o Overburde 11/2/1963	'n		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	150.665252 17 644482.7 4854638 5 margin of error : 100 m - 300 m	
Remarks: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comi Supplier Comment:	Nource: Method: ment:			Location Method:	рэ	
Materials Interval						
Formation ID: Layer: Color: General Color: Mat1: Most Common Materia Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth	и: 	932728230 3 3 BLUE 05 CLAY 12 STONES 10 22 ft				
<u>Overburden and Bedro Materials Interval</u>	<u>ock</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Materia Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth:	1 <i>:</i>	932728228 1 02 TOPSOIL				
Formation End Depth:		1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color:		932728231 4			
Mat1: Most Commo Mat2: Other Materia	n Material: als:	10 COARSE SAND			
Mat3: Other Materia Formation To Formation Er Formation Er	als: op Depth: od Depth: od Depth UOM:	22 25 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	: r: n Material:	932728229 2 5 YELLOW 05 CLAY			
Other Materia Mat3: Other Materia Formation To Formation En Formation En	als: als: op Depth: ad Depth: ad Depth UOM:	1 10 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3:	: r: n Material: nls:	932728232 5 3 BLUE 05 CLAY			
Other Materia Formation To Formation Er Formation Er	als: pp Depth: nd Depth: nd Depth UOM:	25 35 ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	6 Boring			

Pipe Information

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Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID: Casing No: Comment: Alt Name:		11044643 1			
<u>Construction</u>	<u>n Record - C</u>	asing			
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Depth Casing Depth	r Material: eter: eter UOM: h UOM:	930808402 1 3 CONCRETE 35 34 inch ft			
<u>Results of W</u>	ell Yield Tes	sting			
Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rat Flowing Rate Recommend Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Du Pumping Du Flowing: <u>Water Details</u> Water Details Water ID: Layer: Kind Code: Kind: Water Found Water Found Water Found Water Found	D: : After Pump De te: ed Pump Ra ed Pump Ra After Test C After Test: st Method: ration MIN: st Method: ration MIN: S I Depth: I Depth UOM	996905367 23 97 97 97 97 97 97 97 97 97 97			
<u>14</u>	1 of 1	W/433.9	144.6 / 19.30	South west corner of Sewells Road and Littles Road Toronto ON	EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size: fo Ordered:	20100915007 C Custom Report 10/27/2010 9/15/2010 9:20:27 AM		Nearest Intersection:Municipality:Client Prov/State:ONSearch Radius (km):0.25X:-79.20552Y:43.827497	
<u>15</u>	1 of 1	SE/417.5	118.5/-6.77	οΝ	BORE
50	erisinfo.co	m Environmental Risk In	formation Service	os Order No:	20190529022

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:		866128			Inclin FLG:	Νο
OGF ID:		21558143	31		SP Status:	Initial Entry
Status:		Decommi	ssioned		Surv Elev:	No
Type:		Borehole			Piezometer:	No
Use:		Geotechr	ical/Geological Inves	tigation	Primary Name:	
Completion D	Date:	10-AUG-	1978	0	Municipality:	
Static Water I	Level:				Lot:	0
Primary Wate	er Use:				Township:	YORK
Sec. Water Us	se:				Latitude DD:	43.823994
Total Depth n	n:	18.7			Longitude DD:	-79.196112
Depth Ref:		Ground S	urface		UTM Zone:	17
Depth Elev:					Easting:	645053
Drill Method:		Hollow st	em auger		Northing:	4853906
Orig Ground	Elev m:	115			Location Accuracy:	
Elev Reliabil	Note:				Accuracy:	Within 10 metres
DEM Ground	Elev m:	117				
Concession:			CON 4			
Location D:			The proposed East I Toronto and partly in Road and Dean Part	Metro Freeway w Markham, Courk Road and to th	vhich runs basically north an nty of York. The area is bour e no	d south is located partly in Scarborough, Metro nded to the south by Hwy. 401 between Colins
Survey D:						
Comments:			W.P. 25-69-00			
Borehole Geo	ology Stratu	<u>ım</u>				
Geology Stra	tum ID:	7015831			Mat Consistency:	Compact
Top Depth:		1.1			Material Moisture:	
Bottom Depth	h:	5.5			Material Texture:	
Material Colo	r:	Grey			Non Geo Mat Type:	
Material 1:		Fine San	ł		Geologic Formation:	
Material 2:		Silt			Geologic Group:	
Material 3:		Clay			Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	1:				
Stratum Desc	cription:		Uniform fine sand, s by the department h	ome silt, grey, co ave a truncated	ompact to very dense. Occa [Stratum Description] field.	sional clay seams **Note: Many records provided
Geology Stra	tum ID:	7015830			Mat Consistency:	Very Dense
Ton Denth:	can ib.	0			Material Moisture:	Very Dense
Bottom Depth	h.	1.1			Material Texture	
Material Colo	r:				Non Geo Mat Type:	
Material 1:		Sand			Geologic Formation:	
Material 2:		Gravel			Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	n:				
Stratum Desc	ription:		Sand and gravel. Ve Description] field.	ry dense **Note	: Many records provided by	the department have a truncated [Stratum
Geology Stra	tum ID:	7015830			Mat Consistency:	
Ton Donth	um 1 D .	55			Matorial Moisturo	
Pottom Donth	h.	19.7			Material Toxture:	
Matorial Cala	ı.	10.7			Non Goo Mat Tupor	
Material 1.		Sand			Geologic Formation	
Material 1.		Silty			Geologic Formation:	
Material 2.		Silt			Geologic Group.	
Material J.		Sandy			Denositional Con	
Gsc Matorial	Description				Depositional Gen.	
Stratum Desc	cription:		Silty sand to sandy s	ilt with occasion	al boulders, trace of clay.	
<u>16</u>	1 of 1		S/457.3	141.8 / 16.49	PRIVATE OWNER ROUGE RIVER. BRIL SEWELLS RD. MOTO	DGE @ OLD FINCH & SPL DR VEHICLE (OPERATING

Map Key N F	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
				FLUID)		
				TORONTO CITY ON		
Ref No:	120239			Discharger Report:		
Site No:	10/21/1	005		Material Group:		
Inclaent Dt: Year	10/31/1	990		Realth/Env Conseq:		
Incident Cause:	WASTE WATEF	EWATER DISCHARGI RCOURSE	ΞTO	Sector Type:		
Incident Event: Contaminant Co Contaminant Na Contaminant Lir	de: me: nit 1:			Agency Involved: Nearest Watercourse: Site Address: Site District Office:		
Contam Limit Fr	eq 1:			Site Postal Code:		
Environment Im	pact: CONFI	RMED		Site Municipality:	1106	
Nature of Impac	t: Water of	course or lake		Site Lot:		
Receiving Mediu	IM: LAND /	WATER		Site Conc:		
MOF Response:				Northing: Fasting:	F.D., WORKS	
Dt MOE Arvl on	Scn:			Site Geo Ref Accu:	,	
MOE Reported L	Dt: 10/31/1	995		Site Map Datum:		
Dt Document Cle	osed: • ERROR	2		SAC Action Class:		
Site Name:		x		oouroe rype.		
Site County/Dist	rict:					
Site Geo Rei Me Incident Summa	tn: rv:	PRIVATE MOTOR	VEHICI E- CAR	DOWN EMBANKMENT TO F	OUGE- OIL LEAKING	
Contaminant Qt	y:					
<u>17</u> 1 0	of 1	WNW/448.6	152.3/27.05			BORE
				ON		
Borehole ID:	866131			Inclin FLG:	No	
OGF ID:	215581	434		SP Status:	Initial Entry	
Status:	Decom	missioned		Surv Elev:	No	
Type:	Boreno	le haisel/Castasiast laus		Plezometer:	INO	
Use: Completion Date		nnical/Geological Inve	stigation	Primary Name: Municipality		
Static Water Lev	<i>.</i> 14-7.00	5-1970		I ot:	0	
Drimary Water Lev	er. Iso:			LOL. Township:	XOBK 0	
Soc Water Use	36.			l atitude DD:	43 830438	
Total Denth m	24 7			Longitude DD.	-79.204524	
Depth Ref:	Ground	Surface		UTM Zone:	17	
Depth Elev:				Easting:	644361	
Drill Method:	Hollow	stem auger		Northing:	4854607	
Orig Ground Ele	v m: 154			Location Accuracy:		
Elev Reliabil No	te:			Accuracy:	Within 10 metres	
DEM Ground Ele	ev m: 153					
Concession:		CON 4	Motro Ero	which which hooisely ready	l couth is located south in Coort and	ab Mater
Location D:		Toronto and partly Road and Dean Pa	in Markham, Cou rk Road and to th	nty of York. The area is boun	ded to the south by Hwy. 401 betwee	en Colins

Survey D: Comments:

W.P. 25-69-00

Borehole Geology Stratum

Geology Stratum ID:	7015838	Mat Consistency: Very Dense
Top Depth:	0	Material Moisture:
Bottom Depth:	14.6	Material Texture:
Material Color:	Brown	Non Geo Mat Type:
Material 1:	Till	Geologic Formation:

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gso Material	Description	Sand Silt Clay			Geologic Group: Geologic Period: Depositional Gen:	
Stratum Dese	cription:		Glacial till. Heterogo sand seams **Note	eneous mixture of : Many records pro	sand, silt, some clay and g ovided by the department h	ravel. Very dense. Brown to grey. Occasional fine ave a truncated [Stratum Description] field.
Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Desc	ntum ID: h: pr: Description cription:	7015839 14.6 24.7 Green Till Silt Clayey Gravel	Glacial till. Heteroge	eneous mixture of	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: clayey silt, sand and some	Hard glacial gravel, grey. Hard. Occasional pockets of sand.
<u>18</u>	1 of 1		N/463.5	150.8/25.57	lot 8 con 4 ON	wwis
Well ID: Construction Primary Wate Sec. Water U Final Well Std: Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bed Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	Date: se: atus: rial: Method: iability: liability: lrock: Bedrock: Level:): :	6926918 Abandon 250295	ed-Other		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 3/31/2003 Yes 6974 1 YORK SCARBOROUGH BOROUGH 008 04 CON
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind. Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	: s: sc: ted: t Location S t Location N sion Comme nement:	1054250 No forma 3/25/200 Source: Jethod: Sent:	0 ation data 3		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	147.774398 17 644723 4854804 7 margin of error : 1 km - 3 km lot

Method of Construction & Well Use

Мар Кеу	Number Record	r of Direction/ s Distance (m)	Elev/Diff (m)	Site		DB
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:		r: ode: 0 Not Known tion:				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		11091070 1				
<u>19</u>	1 of 1	S/479.6	146.4 / 21.10	260 Old Finch Road Toronto ON M1B 5K4		EHS
Order No:20140Status:CReport Type:Stand.Report Date:07-AUDate Received:30-JUPrevious Site Name:Lot/Building Size:		20140730054 C Standard Report 07-AUG-14 30-JUL-14		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -79.199468 43.822778	
Additional In	fo Ordered	Fire Insur. Maps a	nd/or Site Plans; Ti	tle Searches; Topographic N	laps; Aerial Photos	

Unplottable Summary

Total: 11 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	ONTARIO LAND CORPORATION	SEWELLS RD.	SCARBOROUGH CITY ON	
CA	GRAND OAK/STOLP HOMES INC.	SEWELLS RD.	SCARBOROUGH ON	
CA	STOLP HOMES	SEWELLS RD.	SCARBOROUGH CITY ON	
CA	GRAND OAK/STOLP HOMES INC.	SEWELLS RD.	SCARBOROUGH ON	
СА	ONTARIO LAND CORPORATION	SEWELLS RD.	SCARBOROUGH CITY ON	
CA	CANLAN INVESTMENT CORPORATION #6802	VALLEY CENTRE DR.CANLAN SUBD.	SCARBOROUGH CITY ON	
CA	CANLAN INVESTMENT CORPORATION	VALLEY CENTRE DRIVE	SCARBOROUGH CITY ON	
СА	ONTARIO LAND CORPORATION PROJ. 4742	SEWELLS RD. MALVERN NEIGHBOR 3	SCARBOROUGH CITY ON	
СА	STOLP HOMES	STREET A & B SEWELLS RD.	SCARBOROUGH CITY ON	
GEN	Trans-Northern Pipelines Inc.	Lot 7, Concession 4	Scarborough ON	M1X 1S1
WWIS			ON	

Unplottable Report

Site: ONTARIO LAND CORPORATION SEWELLS RD. SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

7-0256-87-87 3/25/1987 Municipal water Approved

3-1187-85-006

Municipal sewage

Approved

85 10/18/85

GRAND OAK/STOLP HOMES INC. Site: SEWELLS RD. SCARBOROUGH ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

Site:

STOLP HOMES SEWELLS RD. SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

7-1735-88-88 10/27/1988 Municipal water Approved

Database:

Site:	GRAND OAK/STOLP HOMES INC.
	SEWELLS RD. SCARBOROUGH ON

Certificate #:

7-0878-85-006

Order No: 20190529022

Database:

CA

CA

Database: CA



Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 85 10/18/85 Municipal water Approved

<u>Site:</u> ONTARIO LAND CORPORATION SEWELLS RD. SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1284-86-86 9/12/1986 Municipal sewage Approved

<u>Site:</u> CANLAN INVESTMENT CORPORATION #6802 VALLEY CENTRE DR.CANLAN SUBD. SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-1380-86-86 12/19/1986 Municipal water Approved

<u>Site:</u> CANLAN INVESTMENT CORPORATION VALLEY CENTRE DRIVE SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0954-87-87 7/16/1987 Municipal sewage Approved Database: CA

Database: CA

> Database: CA

Site: **ONTARIO LAND CORPORATION PROJ. 4742** SEWELLS RD. MALVERN NEIGHBOR 3 SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

7-0916-86-86 8/29/1986 Municipal water Approved

Site: STOLP HOMES STREET A & B SEWELLS RD. SCARBOROUGH CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address: Client City:** Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

3-2049-88-88 10/27/1988 Municipal sewage Approved

Database: CA

> Database: GEN

> Database:

WWIS

<u>Site:</u>	Trans-Northern Pipelines Inc. Lot 7, Concession 4 Scarborough ON M1X 1S1						
Genera Status:	tor No:	ON6630902	PO Box No: Country:				

Choice of Contact: Co Admin: Phone No Admin:

Approval Years:	05	
Contam. Facility:		
MHSW Facility:		
SIC Code:	486990	
SIC Description:		All Other Pipeline Transportation
,		

Trans-Northern Pipelines Inc

Detail(s)

Waste Class: Waste Class Desc:

ON

251 **OIL SKIMMINGS & SLUDGES**

Site:

Well ID: 7125368 Data Entry Status: **Construction Date:** Data Src: Primary Water Use: Date Received: 7/9/2009 Sec. Water Use: Selected Flag: Yes Final Well Status: Abandoned-Other Abandonment Rec: Yes Water Type: Contractor: 6875 Casing Material: 7 Form Version: Audit No: Z098813 Owner: OLD FINCH AVE Tag: Street Name: **Construction Method:** YORK County:

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Order No: 20190529022

Database: CA

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

Bore Hole Information

1002519010 Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: **Open Hole:** Cluster Kind: Date Completed: 6/25/2009 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1002598765
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12.72
Formation End Depth UOM:	m

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	1002598768
Layer:	2
Plug From:	10.72
Plug To:	0
Plug Depth UOM:	m

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

1002598767
1
12.72
10.72
m

Pipe Information

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

Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:

UTM83 9 unknown UTM

wwr

 Pipe ID:
 1002598764

 Casing No:
 0

 Comment:
 Alt Name:

Construction Record - Casing

a	1000500770
Casing ID:	1002598770
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1002598771
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	1002598766
Diameter:	
Depth From:	
Depth To:	
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:

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:

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

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

Abandoned Mine Information System:

Anderson's Waste Disposal Sites:

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:

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:

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: 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

Provincial

Provincial

Provincial

AAGR

AGR

AMIS

ANDR

AST

AUWR

Private

Provincial

Private

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Certificates of Approval:

Dry Cleaning Facilities:

Commercial Fuel Oil Tanks:

Chemical Register:

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information. Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

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

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 - Nov 2019

Compliance and Convictions:

Certificates of Property Use:

Drill Hole Database:

Inventory of Coal Gasification Plants and Coal Tar Sites:

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*

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.

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) -

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 - Sep 2019

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*

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

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: 1989-Nov 2019

Certificate of Property Use. Government Publication Date: 1994-Nov 30, 2019

Provincial

Federal

Private

CDRY List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

CFOT

CHEM

COAL

CONV

CPU

DRI

Provincial

Provincial

Provincial

Provincial

Order No: 20190529022

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases. Government Publication Date: 1994-Nov 30, 2019

activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

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

Provincial Environmental Compliance Approval: **FCA** 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-Dec 31, 2019

Environmental Effects Monitoring:

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*

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

ERIS Historical Searches:

Profile" page.

Government Publication Date: 1999-Oct 31, 2019

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:

Environmental Issues Inventory System:

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: **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

Environmental Activity and Sector Registry:

Government Publication Date: Oct 2011-Dec 31, 2019

Environmental Registry:

Federal

Private ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location,

Federal

Provincial

Provincial

Provincial

Provincial

EASR

EBR

EHS

FIIS

EMHE

EEM

List of Expired Fuels Safety Facilities:

been removed from the ground. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have

Government Publication Date: Feb 28, 2017

Federal Convictions:

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:

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-Nov 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FED TANKS A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank

Fisheries & Oceans Fuel Tanks: Federal 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

system may be refused product delivery. Government Publication Date: May 31, 2018

Fuel Storage Tank: List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

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: 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

Government Publication Date: 1986-Oct 31, 2019

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transferred.

Provincial

Provincial

Provincial

Provincial

EXP

FCON

FCS

Federal

Federal

FOFT

FST

FSTH

GEN

Order No: 20190529022

Greenhouse Gas Emissions from Large Facilities: 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:

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*

Federal Indian & Northern Affairs Fuel Tanks: 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*

Fuel Oil Spills and Leaks:

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

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

Private Canadian Mine Locations: MINF 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:

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):

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*

65

INC

LIMO

Provincial

Provincial

Federal

MNR

NATE

HINC

Provincial

Provincial

Federal

Non-Compliance Reports:

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:

date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

National Defense & Canadian Forces Spills:

National Defence & Canadian Forces Waste Disposal Sites:

Government Publication Date: Up to May 2001*

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

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: **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.

the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release

Government Publication Date: 2008-Sep 30, 2019

National Energy Board Wells:

date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): 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:

66

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: 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

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by

Federal

Federal

NPRI

Provincial

Federal

Federal

Federal

Federal

Federal

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,

NCPL

NDFT

NDSP

NDWD

NEBP

NPCB

Federal

Order No: 20190529022

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

OOGW

ORD

PAP

PES

PINC

PRT

PTTW

Provincial

Private

Provincial

OPCB

Provincial

Private

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.

Provincial

Provincial

Provincial The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage

Provincial

Ontario Oil and Gas Wells:

Oil and Gas Wells:

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Government Publication Date: 1988-Aug 31, 2019

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.

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

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

is updated on a monthly basis. More information is available at www.nickles.com.

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures. Government Publication Date: 1994-Nov 30, 2019

geology/stratigraphy table information, plus all water table information is also provide for each well record.

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

The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane

Parks Canada Fuel Storage Tanks:

Government Publication Date: 1920-Jan 2005*

Canadian Pulp and Paper:

Pesticide Register:

Orders:

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an

Private and Retail Fuel Storage Tanks:

Government Publication Date: Feb 28, 2017

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).

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

Government Publication Date: 1994-Nov 30, 2019

67

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides. Government Publication Date: 1988-Dec 2019

Pipeline Incidents:

Government Publication Date: 1989-1996*

Permit to Take Water:

Ontario Regulation 347 Waste Receivers Summary:

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

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.

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

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

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

Retail Fuel Storage Tanks:

or propane storage tanks.

Ontario Spills:

Record of Site Condition:

Scott's Manufacturing Directory:

Government Publication Date: 1999-Jul 31, 2019

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*

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

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. Government Publication Date: 1988-Jun 2019

Wastewater Discharger Registration Database: 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).

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*

Anderson's Storage Tanks:

Government Publication Date: 1990-Dec 31, 2017

Transport Canada Fuel Storage Tanks:

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

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SPL

Provincial

Private

Federal

TANK

TCFT

RFC

RSC

RST

SCT

Provincial

Provincial

Private

Private

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Waste Disposal Sites - MOE CA Inventory:

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: 2011-Dec 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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:

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

Variances for Abandonment of Underground Storage Tanks:

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered 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.

Government Publication Date: Feb 28, 2017

Order No: 20190529022

WWIS

VAR

WDS

WDSH

Provincial

Provincial

Provincial

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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.

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