



Liverpool Limited Partnership

**PHASE ONE
ENVIRONMENTAL SITE ASSESSMENT**

**640 LIVERPOOL ROAD AND 609 ANN LAND STREET, PICKERING,
ONTARIO**

FINAL REPORT

DECEMBER 21, 2022

Terrapex Environmental Ltd.
90 Scarsdale Road
Toronto, Ontario, M3B 2R7
Telephone: (416) 245-0011
Website: www.terrapex.com

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1.0 EXECUTIVE SUMMARY

Terrapex Environmental Ltd. (Terrapex) was retained by Liverpool Limited Partnership (Liverpool LP) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 640 Liverpool Road and 609 Annland Street, Pickering, Ontario (the Phase One property, hereinafter referred to as the Site). It is understood that the study documented herein is being undertaken for the purposes of filing a Record of Site Condition (RSC) per Ontario Regulation (O. Reg.) 153/04 under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*.

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the Phase One Study Area in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One property;
- to determine the need for a Phase Two ESA; and,
- to provide a basis for carrying out any Phase Two ESA required.

The Site is located at the southeast corner of the Liverpool Road and Annland Street in Pickering, Ontario. It is situated in a mixed use residential and commercial neighbourhood. The Site is irregular in shape and measures 6,231.74 m². The eastern portion of the Site (640 Liverpool Road) is developed with a two-storey residential building with a basement, a storage shed, a hobby garage, and a parking area. The western portion of the Site (609 Annland Street) is developed as a public parking lot.

The current owner of the property is Liverpool Limited Partnership, and the current land use is considered commercial.

The earliest available record (historical aerial photograph) indicates the Site was partially cleared of vegetation and developed with a residential dwelling and driveway in 1939. Therefore, it was determined that the first developed land use at the Site was prior to the year 1939 when the property was first developed for residential purposes.

Following the completion of the preliminary records review, Terrapex determined the following:

- The Site is not an enhanced investigation property.
- The Phase One Study Area consists of the Site and properties located wholly or partly within 250 metres from the nearest point on a boundary of the Site. It need not include any properties beyond this distance.

Based on the above, it was determined that the first developed land use at the Site was prior to 1939 when the property was developed for residential purposes.

Based on the review, evaluation, and interpretation of the information obtained from the records review, interviews, and site reconnaissance, six potentially contaminating activities (PCAs), as listed in Table 2 of Schedule D of O. Reg. 153/04, were identified at the Site. Overall, a total of 15 PCAs were identified on the Site and within the Phase One Study Area, of which six, may be contributing to an area of potential environmental concern (APEC) at the Site.

As a result of the PCAs and other considerations, the following APECs and associated Contaminants of Potential Concern (COPCs) were identified at the Site:

APEC ¹	LOCATION OF APEC ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY ²	LOCATION OF PCA (ON-SITE or OFF-SITE)	CONTAMINANTS OF POTENTIAL CONCERN ³	MEDIA POTENTIALLY IMPACTED (Ground water, Soil, and/or Sediment)
APEC 1	Western portion of the 640 Liverpool Road residence.	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 1)	BTEX PHCs PAHs	Soil Groundwater
APEC 2	Around the Hobby Garage	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	On-Site (PCA 2)	BTEX PHCs VOCs Metals PAHs Hydride-forming metals	Soil Groundwater
APEC 3	Entire Site	30 - Importation of Fill Material of Unknown Quality	On-Site (PCA 3)	Metals BTEX PHCs PAHs Hydride-forming metals ORPs (B, Hg, Cr (VI), CN-, EC, SAR)	Soil
APEC 4	Adjacent to the west of the storage shed on-Site	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 4)	BTEX PHCs PAHs	Soil Groundwater
APEC 5	Northwest of the Hobby Garage	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 5)	BTEX PHCs PAHs	Soil Groundwater
APEC 6	Gravel covered areas in the central and western portions of the Site	Other (O1) – Application of de-icing salts (not specifically defined in the regulation)	On-Site (PCA 6)	EC and SAR (Soil only) Na and Cl (Groundwater only)	Soil Groundwater

¹ Areas of potential environmental concern (APEC) means the area on, in or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through,

- (a) identification of past or present uses on, in or under the Phase One property, and
- (b) identification of potentially contaminating activity.

² As set out in Column A of Table 2 of Schedule D.

³ Contaminants of potential concern (COPC) according to the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", March 9, 2004, amended as of July 1, 2011:

BTEX: benzene, toluene, ethylbenzene, xylenes	Hg: mercury	As: arsenic	Cl: chloride
PHCs: petroleum hydrocarbons (F1-F4)	B (hws): boron, hot water soluble	Sb: antimony	EC: electrical conductivity
VOCs: volatile organic compounds	Cr (VI): chromium (hexavalent)	Se: selenium	SAR: sodium adsorption ratio
PAHs: polycyclic aromatic hydrocarbons	CN-: cyanide	Na: sodium	PCBs: polychlorinated biphenyls

Based on the findings and results of the Phase One ESA, APECs have been identified at the Site; therefore, a Phase Two ESA is required in order to file an RSC for the Site, in accordance with the requirements of O. Reg. 153/04.

An RSC cannot be filed for the Site based solely on this Phase One ESA.

2.0 INTRODUCTION

Terrapex Environmental Ltd. (Terrapex) was retained by Liverpool Limited Partnership (Liverpool LP) to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 640 Liverpool Road and 609 Annland Street, Pickering, Ontario (the Phase One property, hereinafter referred to as the Site). It is understood that the study documented herein is being undertaken for the purposes of filing a Record of Site Condition (RSC) per Ontario Regulation (O. Reg.) 153/04 under the Environmental Protection Act, *Records of Site Condition - Part XV.1 of the Act*.

2.1 OBJECTIVE

The objective of the investigation was to identify actual and potential sources of contamination associated with the Site arising from current and/or historical activities on the Site and on properties within the "Phase One Study Area" (refer to Section 4.1.1), in order to satisfy the following Phase One ESA general objectives listed in O. Reg. 153/04:

- to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Site;
- to determine the need for a Phase Two ESA;
- to provide a basis for carrying out any Phase Two ESA required; and,
- if necessary, to provide adequate preliminary information about environmental conditions in the land or water on, in or under the Site for the conduct of a Risk Assessment following completion of a Phase Two ESA.

2.2 PHASE ONE PROPERTY INFORMATION

Information regarding the location and identification of the Site and the party authorizing this study is provided in Table 1 below.

The Site is located at the southeast corner of the Liverpool Road and Annland Street in Pickering, Ontario. It is situated in a mixed use residential and commercial neighbourhood. The Site is irregular in shape and measures 6,231.74 m². The eastern portion of the Site (640 Liverpool Road) is developed with a two-storey residential building with a basement, a storage shed, a hobby garage, and a parking area. The western portion of the Site (609 Annland Street) is developed as a public parking lot.

Refer to Figure 1 for the location of the Site, and to Figure 2 for the general layout of the Site at the time of the Site reconnaissance.

TABLE 1: PHASE ONE PROPERTY INFORMATION

Municipal Addresses:	640 Liverpool Road and 609 Anmland Street, Pickering, Ontario
Property Identification Number (PIN):	263190615 and 263190614
Legal Description:	Pcl 7-2 Sec M89; Lt 7 PI M89 (Pickering) Except Pt 77 Exprop PI 95; and, Pcl 6-1 Sec M89; Lt 6 PI M89(Pickering) Except Pt 76 Exprop PI 95; Pickering
UTM Coordinates (centre of site, NAD83):	17T East: 654241.77 m North: 4853233.38 m
Name and Address of Owner:	Liverpool Limited Partnership 178 Hopedale Avenue, Toronto, Ontario, M4K 3N2
Name and Address of Authorizing Party:	Greg Silas, Vice President Liverpool Limited Partnership 178 Hopedale Avenue, Toronto, Ontario, M4K 3N2
Site Area (m ²):	6,231.74
Structures:	A residence, a hobby garage, a storage shed, and a parking lot
Occupants (current):	Avis Haulage Ltd. (Hobby garage), City of Pickering (Parking lot), vacant (residence)
Other facilities of note:	N/A

2.3 PLAN OF SURVEY

A plan of survey for the Site was provided by Liverpool LP. The survey is entitled *Plan of Survey Showing Topography of Parts of Lots 6 and 7 and Lots 5, 8, 9, 19, 11, 12 and 16, Registered Plan M-89 (Geographic Township of Pickering), Now in the City of Pickering, Regional Municipality of Durham*, by J.D. Barnes Limited, dated May 31, 2022. A copy of the plan of survey is included in Appendix I.

The plan of survey shows the topography of the Site sloping gently to the west, with the highest elevation (80.71 masl) in the northeast corner of the Site, and the lowest elevation (78.81 masl) in the western portion of the Site. The eastern portion of the site is occupied by three structures, identified as the residence, the cinder block garage, and the wood clad building. The central and western portions of the Site are covered by gravel while the remainder of the Site is covered by grass. Four monitoring wells and a water well are shown on the eastern portion of the Site.

The plan of survey for the Site will be required to be signed by an OLS prior to filing an RSC for the Phase One property.

2.4 ENHANCED INVESTIGATION PROPERTY

An enhanced investigation property is defined in O. Reg. 153/04 as a property that is being used or has been used, in whole or in part, for an industrial use or for commercial use as a garage, a bulk liquid dispensing facility (including a gasoline outlet), or for the operation of dry-cleaning equipment.

The Site is not an enhanced investigation property.

3.0 SCOPE OF INVESTIGATION

3.1 GENERAL

The Phase One ESA was conducted in accordance with the current requirements of O. Reg. 153/04 and as outlined in the Terrapex proposal to Liverpool LP dated March, 25, 2022. The Phase One ESA also meets or exceeds the requirements of a Phase I ESA as prescribed by the Canadian Standards Association Standard Z768-01 (R2022). The primary components of the Phase One ESA scope of work are described below.

Records Review: A review was conducted of available historic and current environmental information pertaining to the Site and the Phase One Study Area in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04.

Interviews: An interview was conducted with a representative of the current owner of the Site.

Site Reconnaissance: A reconnaissance of the Site and accessible properties within the Phase One Study Area was conducted for evidence of potential environmental concerns.

Evaluation: The information obtained from the records review, interviews, and Site reconnaissance was reviewed, evaluated and interpreted by the Qualified Person (QP) for this project (see Section 3.2 below) in consideration of the Phase One ESA general objectives and any uncertainty associated with the data sources.

Reporting: In accordance with the requirements of Schedule D of O. Reg. 153/04, this report documents the findings, conclusions, and recommendations of the Phase One ESA and includes:

- a table of the current and past uses of the Phase One property;
- a table of identified Potentially Contaminating Activities (PCAs) and a table of associated Areas of Potential Environmental Concern (APECs);
- a Phase One Conceptual Site Model (CSM); and,
- conclusions and recommendations made based on the evaluation and interpretation of information obtained for the Phase One ESA.

3.2 QUALIFIED PERSON

The Phase One ESA was supervised by David Crawford, Senior Project Manager of Terrapex, located at 90 Scarsdale Road in Toronto, Ontario. David Crawford is a licensed Professional Geoscientist in Ontario and meets the qualifications as a QP with the Ministry of the Environment, Conservation and Parks (MECP, formerly known as the Ministry of Environment and Climate

Change, MOECC, and Ministry of the Environment, MOE) for the purpose of creating and submitting RSCs for filing on the Brownfields Environmental Site Registry (ESR).

3.3 LIMITATIONS

It should be noted that although Terrapex has attempted to verify information wherever possible, except where explicitly noted, we have relied upon the accuracy of information collected during the records review and interview components.

The general limitations of the study are provided in Section 8.3. Specific limitations of this Phase One ESA are as follows:

- the storage shed was locked and not accessible during the Site reconnaissance, however, a partial view of the interior was available through a window.
- A chain of title for the Site has not yet been received from the Client.

In the opinion of the QP, none of the above limitations are considered to have compromised the objectives of the Phase One ESA, however it should be noted that the chain of title will be required prior to submitting an RSC for the Site.

4.0 RECORDS REVIEW

4.1 GENERAL

Terrapex obtained and reviewed records relating to the Site and surrounding properties within the Phase One Study Area, in accordance with Schedule D (Phase One Environmental Site Assessments) of O. Reg. 153/04. The records and sources of information reviewed are summarized below, and a list of all documents and data cited in this report is provided in Section 9.0.

4.1.1. PHASE ONE STUDY AREA DETERMINATION

To determine the Phase One Study Area, Terrapex conducted a preliminary records review to identify any conditions that might warrant an expansion of the Phase One Study Area beyond the minimum required by O. Reg. 153/04. This review included searches / reviews of the following information:

- aerial photographs;
- Provincial waste disposal site inventory documents; and,
- reports documenting previously completed environmental investigations of the Site.

The preliminary review did not identify any potential concerns warranting an expansion of the Phase One Study Area.

Through Environmental Risk Information Services (ERIS), Terrapex reviewed records for the “MOE Waste Disposal Site Inventory”, the “Inventory of Coal Gasification Plants and Coal Tar Sites in Ontario” and the “National PCB Inventory”, and found no records of properties within 250 m of the Site.

Accordingly, the Phase One Study Area was established as comprising the Site as well as properties located within a 250 m radius of the Site boundaries.

The boundary of the Phase One Study Area is depicted in Figure 3. Note that all distances are calculated from the nearest property boundary of the Site to the nearest boundary of the feature/property in question and are approximate.

4.1.2. FIRST DEVELOPED USE DETERMINATION

Information obtained during the records review portion of the work program was used to determine the date of the first developed use of the Site, as defined in O. Reg. 153/04, summarized in Table 2 below:

TABLE 2: FIRST DEVELOPED USE

YEAR	SITE FEATURES	POTENTIALLY CONTAMINATING ACTIVITY ¹	REFERENCE/SOURCE
1939	A residential dwelling and driveway are situated on the southeast portion of the Site.	None Identified	National Air Photo Library of Canada

¹As set out in Table 2 in Schedule D of O. Reg. 153/04.

Based on the above, it was determined that the first developed land use at the Site was prior to the year 1939 when the property was first developed for residential purposes.

4.1.3. FIRE INSURANCE PLANS

ERIS provided an Enviroscan search (provided by Opta Information Intelligence) for the Site and surrounding properties. No records of FIPs were found for the Site and Phase One Study Area.

4.1.4. CHAIN OF TITLE

A historical land title search was not completed at this time. A title search is required prior to filing a RSC.

4.1.5. ENVIRONMENTAL REPORTS

Terrapex was provided with the following previous environmental reports for review as part of the scope of the current Phase One ESA.

- *Phase I Environmental Site Assessment, 640 Liverpool Road, Pickering, Ontario*, prepared for The Renaissance Group Inc. by Edward Wong & Associates Inc, dated August 13, 2021
- *Phase II Environmental Site Assessment, 640 Liverpool Road, Pickering, Ontario*, prepared for The Renaissance Group Inc. by Edward Wong & Associates Inc, dated September, 2021

Edward Wong & Associates, 2021, Phase I ESA	
Objective/Work Program	Review of available historical and regulatory records of 640 Liverpool Road and surrounding properties within a 250 m radius to evaluate environmental conditions of the Phase I Property and Phase I Study Area.
Potential Contaminating Activities Identified	On-Site: <p>PCA # 28 - Gasoline and Associated Products Storage in Fixed Tanks. (Three aboveground storage tanks (ASTs) were observed outside the hobby garage.)</p> Off-Site: <p>No off-Site PCAs were identified within the Phase I Study Area.</p>
Areas of Potential Environmental Concern Identified	APEC #1: North of hobby garage, adjacent to the west property line, in the area with three ASTs.
Comments/Limitations/Other	Recommendations from Edward Wong and Associates are given below: <ul style="list-style-type: none"> • Prior to the redevelopment of the Site, a designated substance survey should be carried out. • Prior to re-development of the Site, the contents of the existing aboveground storage tanks should be emptied. The ASTs should be removed and disposed of at a recycling facility. • Any contaminated soil should be removed and disposed off at a landfill. Confirmatory sampling and testing should be carried out. • It was recommended that a Phase II ESA should be carried out to assess the chemical quality of the subsoil and groundwater and to determine if they were adversely impacted by the on-Site activities. Phase II can be done in conjunction with a geotechnical investigation for the proposed future development.

Edward Wong & Associates, 2021, Phase II ESA	
Work Program	<ul style="list-style-type: none"> • Drill three boreholes • Install three monitoring wells
Site Condition Standards Applied	MECP Table 3 SCS for Residential/Parkland/Institutional (R/P/I) property land use in coarse textured soils. For excess soils conformation, a comparison to Table 1 R/P/I land use criteria were also made.
Stratigraphy and Groundwater	<ul style="list-style-type: none"> • Site stratigraphy consisted of topsoil overlaying a fill layer, extending to a depth of 1.2 m below grade, consisting of crushed limestone, silty clay with topsoil inclusions and rootlets. The fill layer was underlain by a silty clay layer to a depth of approximately 2.5 m below grade and a silty sand till layer to a depth of approximately 6.0 m below grade. The till layer was underlain by a silty clay to a depth of approximately 7.5 m. Shale bedrock was encountered at a depth of approximately 7.5 m below grade and extended to approximately 7.9 m below grade, the maximum extent of the investigation. • .The depth to groundwater upon completion of the drilling ranged between 1.72 m and 4.57 m below grade. Based on elevations, groundwater flow was assessed to be in a westerly direction, towards Frenchman's Bay.
Analytical Program	Soil: <ul style="list-style-type: none"> • three soil samples were submitted for the analysis of VOCs and PHC (F1-F4 fractions). One sample was submitted for metals and inorganics. Groundwater: <ul style="list-style-type: none"> • Three groundwater samples were submitted for the analysis of VOCs and PHCs (F1-F4). One groundwater sample from monitoring well 2 was submitted for metals and inorganics.

Edward Wong & Associates, 2021, Phase II ESA	
Results	Soil: <ul style="list-style-type: none"> Concentrations of parameters in the analysed soil samples were below the Table 1 and Table 3 SCSs, except for PHC F2, PHC F3 and/or PHC F4 in one soil sample (BH2-1) collected from the vicinity of the drum storage area. Groundwater: <ul style="list-style-type: none"> Concentrations of all parameters in the analysed groundwater samples were below the Table 1 and Table 3 SCSs.
Comments/Limitations/Other	<ul style="list-style-type: none"> Based on the results of the chemical analysis, localized soil remediation will be required in the area of Borehole 2. Additional soil sampling and testing is recommended to further assess the vertical and horizontal extents of the petroleum hydrocarbon impacted soils. Any remediation activities should include collecting verification soil samples from the limits of the excavation to confirm all petroleum hydrocarbon impacted soil has been removed and the soils remaining at the Site meet the applicable SCSs.

4.1.6. PROPERTY USE RECORDS

A municipal directory search was conducted for the Site and select neighbouring properties within 250 m for years between 1960 and 2000. Municipal directory information was obtained by ERIS.

Based on a review of the information obtained, the Site was occupied by residential tenants between 1970 and 2000.

A summary of the directory search is provided in Table 3, below.

TABLE 3: CITY DIRECTORY INFORMATION

ADDRESS	PROXIMITY¹	YEAR(S)	LISTING(S)	POTENTIAL PCAs² / CONCERNS
640 Liverpool Road	Site	1970-2000	Residential	None Identified.
609 Annland Street	Site	1960 - 2000	Not Listed	None Identified.
607 Annland Street	adjacent west of the Site	1970-1990, 2000	Residential	None Identified.
1272 Wharf Street	50 m west of the Site	1960 - 2000	Not Listed	None Identified.
1276 Wharf Street	50 m west of the Site	1960 - 2000	Not Listed	None Identified.
1278 Wharf Street	55 m west of the Site	1990-1995	Residential Northern Yacht Ltd	44 - Port Activities, including Operation and Maintenance of Wharves and Docks

ADDRESS	PROXIMITY ¹	YEAR(S)	LISTING(S)	POTENTIAL PCAs ² / CONCERNS
1280 Wharf Street	adjacent west of the Site	1979, 1995	Residential	None Identified.
1288 Wharf Street	15 m southwest of the Site	1979 1985-1995	Residential	None Identified.
1290 Wharf Street	adjacent south of the Site	1985-1995	Residential	None Identified.
1292 Wharf Street	adjacent south of the Site	1960 - 2000	Not Listed	None Identified.
1294 Wharf Street	adjacent south of the Site	1990	Residential	None Identified.

¹ direction and approximate distance to nearest Site boundary

²As set out in Table 2 in Schedule D of O. Reg. 153/04.

A copy of the municipal directory search results is provided in Appendix III.

4.2 ENVIRONMENTAL SOURCE INFORMATION

4.2.1. ERIS ENVIRONMENTAL DATABASE

Terrapex ordered an RSC Report (Urban) from ERIS Information Limited Partnership (ERIS) for any records associated with properties within the Site. ERIS searched government and privately owned databases for environmental source information, including the information and documents listed in paragraph 7 of subsection 3 (2) in Schedule D of O. Reg. 153/04. The report included a physical settings report (geologic, topographic, hydrogeologic, and well information), and a map of Areas of Natural and Scientific Interest (ANSIs).

The report from ERIS is included in Appendix IV and includes a detailed report which presents information for the records found, a Site diagram which plots the locations of the properties for which records were found (provided sufficient address information was available), as well as an appendix which contains a list and descriptions of the databases ERIS searched.

The ERIS report indicated 30 listing(s) for the Site and 111 listings within the Phase One Study Area. Relevant listings are summarized in Table 4 below:

TABLE 4: SUMMARY OF RELEVANT ERIS FINDINGS

ADDRESS	PROXIMITY ¹	DATABASE	YEAR(S) ²	DETAILS	PCAs ³
640 Liverpool Road	The Site	GEN - Ontario Regulation 347 Waste Generators Summary	1988-1990, 1992-2001	Keith Avis Haulage Ltd listed as a generator of waste oils and lubricants	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
		GEN - Ontario Regulation 347 Waste Generators Summary	2004-2016, 2018, 2020-2022	John Avis Haulage Ltd listed as a generator of waste crankcase oils and lubricants	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
		DTNK – Delisted Fuel Tanks FST – Fuel Storage Tank PRT – Private and Retail Fuel Storage Tanks	1989, 2012, 2020	Keith Avis Haulage Ltd listed as having an expired liquid fuel single wall underground tank	28 - Gasoline and Associated Products Storage in Fixed Tanks
1294 Wharf Street	Adjacent property west of Site	RSC – Record of Site Condition	2018	An RSC was filed for this property in 2018 by 2643970 Ontario Inc. based on Phase One and Two ESAs	None Identified.
1290 Wharf Street	Approximately 40 m west of Site	GEN - Ontario Regulation 347 Waste Generators Summary	2014-2015	RB Morgan Construction Ltd. listed as a generator of waste oils, lubricants, light fuels, oil skimmings and sludges	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
641 Liverpool Road	Approximately 25 m east of the Site	SCT - Scott's Manufacturing Directory	1986	Stelray Boats listed as a manufacturer of plastic products and boat building	7 - Boat Manufacturing
1295 Wharf	Approximately 40 m south of Site	CA - Certificates of Approval	1990	Pickering Harbour Company Limited is listed as a generator of wastewater from	19 - Electronic and Computer Equipment Manufacturing

ADDRESS	PROXIMITY ¹	DATABASE	YEAR(S) ²	DETAILS	PCAs ³
Street				dredging operation	44 - Port Activities, including Operation and Maintenance of Wharves and Docks 58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
		GEN - Ontario Regulation 347 Waste Generators Summary	1992-2004	Pickering Harbour Company Limited is listed as a generator of waste oils & lubricants, aliphatic solvents, petroleum distillates	
		SCT - Scott's Manufacturing Directory	1983	High Tech-Matic Controls Ltd. listed as manufacturer of measuring, medical and controlling devices; wholesaler and distributor of electrical wiring and construction supplies, computer, computer peripheral and pre-packaged software, electronic components, navigational and communications equipment and supplies, industrial machinery, equipment and supplies; contractor of electrical contractors and other wiring installation and plumbing, heating and air-conditioning	

¹ direction and approximate distance to nearest Site boundary

² For SCT listings, the year is the year the company was established.

³ As set out in Table 2 in Schedule D of O. Reg. 153/04.

4.2.2. MECP DOCUMENTATION

Terrapex reviewed available MECP inventory documents available through ERIS to identify any significant industrial sites, waste disposal sites, or polychlorinated biphenyl (PCB) storage sites within approximately 250 m of the Site. A search was also conducted of the *Brownfields Environmental Site Registry* to identify any properties within the Phase One Study Area for which RSCs have been recently filed and which were not identified in the ERIS database search (see Section 4.2.1).

MOE Inventory of Coal Gasification Plant Waste Sites in Ontario: A review of the information provided through ERIS did not identify former coal gasification plant waste sites at the Site or within approximately 250 m of the Site.

MOE Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario: A review of the information provided through ERIS did not identify industrial sites producing or using coal tar or related tars at the Site or within 250 m of the Site.

MOE Waste Disposal Site Inventory: A review of the information provided through ERIS did not identify any closed or active waste disposal sites located within 250 m of the Site.

Brownfields Environmental Site Registry: A review of the *Brownfields Environmental Site Registry* identified three RSCs pertaining to properties located within the Phase One Study Area. These RSCs, which were filed for residential land use for properties which were previously agricultural/other or commercial land use, are summarized in Table 5 below.

TABLE 5: SUMMARY OF RSCS WITHIN THE PHASE ONE STUDY AREA

RSC No.	Filing Owner	Location	Certificate Date	Approximate Distance From Site
224841	2643970 Ontario Inc.	1280, 1288, 1290, 1292, 1294 Wharf Street & 607 Annland Street.	February 28, 2018	Adjacent to the west of the Site
224741	2388116 Ontario Inc.	1276 Wharf Street	January 21, 2017	Approximately 55 m southwest of the Site
225978	Allan Kent Cameron	223 Elmhurst Avenue	June 24, 2019	Approximately 210 m northeast of the Site

RSCs 224741 and 225978 were submitted based on Phase One ESAs only and did not identify any APECs.

RSC 224841 was submitted based on Phase One and Two ESAs. The Phase One ESA identified two APECs on the property. The Phase Two ESA included drilling three boreholes and installing them with monitoring wells. Seven soil samples and one duplicate sample were submitted for analysis of VOCs, PHCs, PAHs, and pH), and three

groundwater samples and a duplicate sample were submitted for analysis of VOCs, PHCs, and PAHs. All analysed samples were below the Table 2 SCS.

No remedial activities or risk assessments were conducted at the above identified properties following the completion of the ESAs conducted at these locations; therefore, these properties are not anticipated to represent potential environmental concerns to the Site.

4.2.3. OTHER GOVERNMENT AND REGULATORY DOCUMENTATION

Terrapex contacted representatives of provincial and municipal government agencies to request any environmental information in their files related to the Site, and/or any available information pertaining to nearby water bodies and areas of natural significance within the Phase One Study Area. Terrapex also conducted searches of available information provided on government websites. The responses received from the government agencies, as well as the additional information obtained through website searches, are summarized in the following sections. Copies of relevant documents and maps are included in Appendix V.

Ontario Ministry of the Environment, Conservation and Parks (MECP): Terrapex submitted a Freedom of Information (FOI) request regarding documented environmental concerns related to the address of 640 Liverpool Road and 609 Annland Street, Pickering, Ontario including orders, spills, investigations, waste generator registrations and certificates of approval, as well as general environmental concerns. A request was sent to the MECP on September, 07, 2022.

In a response letter dated, September 13, 2022, the MECP identified the following potential records:

- Waste generator number/classes
- Correspondence, abatement, occurrence reports
- Incident reporting

A request for the above identified records was requested on September 13, 2022, and a copy of the released documents was received on November 16, 2022. The MECP records included a Hazardous Waste Information Network (HWIN) summary for the Site, indicating that John Avis Haulage Ltd. was registered as a waste generator for waste types 252T and 252L (Waste Oils & Lubricants), and a Generator Registration Report indicating that Keith Avis Haulage Ltd. was given the generator Registration Number ON1098900 for waste crank case oil (252T) on June 27, 1989. The remaining pages provided in MECP records were related to hazardous materials and spills on the neighbouring properties (i.e.,

1289, 1290 and 1294 Wharf Street). A copy of the MECP records provided through the FOI request is included in Appendix V.

MECP Source Water Protection: Terrapex conducted a search of the information provided on the MECP on-line map of Source Water Protection Areas to determine whether the Phase One property is located in a well-head protection area, or another area designated as an area for the protection of groundwater. The Site is located within an area under the jurisdiction of the Toronto and Region Conservation Authority (TRCA). The review indicates the Site is not within a well-head protection area.

Ontario Ministry of Northern Development, Mines, Natural Resources (MNDMRF): Terrapex conducted a search of the information provided on the Ministry of Northern Development, Mines, Natural Resources (MNDMRF) on-line map of Natural Heritage Areas to identify any environmentally sensitive areas or areas of natural significance within the Phase One Study Area.

Search results indicated that there are no Provincial Parks, Conservation Reserves, Areas of Natural or Scientific Interest, or Wetlands in the Phase One Study Area.

Technical Standards & Safety Authority (TSSA): The TSSA was contacted by email regarding records of fuel storage tanks at the Site and neighbouring Sites. Terrapex received a response email from TSSA on August, 04, 2022. No records were found for the Site or neighbouring properties. A copy of the email trail is provided in Appendix V.

Toronto and Region Conservation Authority (TRCA): A search was conducted on the TRCA interactive mapping website to determine if the Site is within an area regulated by the TRCA. The results indicated the Site is within the Frenchman's Bay watershed and the nearest water body, Frenchman's Bay (Lake Ontario), is located 100 m, west of the Site.

Official Plan: Terrapex conducted a search of the information provided on the Official Plan of the Regional Municipality of Durham, Schedule 'B' on August 08, 2022 to determine whether the Phase One property is located in a well-head protection area or another area designated as an area for the protection of groundwater. The review indicated the Site is not within a well-head protection area; however, the regional Municipality of Durham Official Plan identified the Site as being in a High Aquifer Vulnerability Area.

4.2.4. CLIENT FILE INFORMATION

The following documents were provided to Terrapex:

- *Municipal Address Map, Part Lot 5 and Lots 8-12, Plan M-89 (1280, 1288, 1290, 1292, 1294 Wharf Street, & 607 Annland Street)*, by City of Pickering, City Development, dated October 12, 2017
- *Phase One Environmental Site Assessment, 1280, 1288, 1290 & 1294 Wharf Street and 607 Annland Street, Pickering, Ontario*, prepared for R.B. Morgan Construction, by Pinchin Ltd., dated October 11, 2016
- *Phase Two Environmental Site Assessment, 1280, 1288, 1290 & 1294 Wharf Street and 607 Annland Street, Pickering, Ontario*, prepared for R.B. Morgan Construction, by Pinchin Ltd., dated October 11, 2016
- *Plan of Survey Showing Topography of Parts of Lots 6 and 7 and Lots 5, 8, 9, 19, 11, 12 and 16, Registered Plan M-89 (Geographic Township of Pickering), Now in the City of Pickering, Regional Municipality of Durham*, by J.D. Barnes Limited, dated May 31, 2022

The Municipal Address Map identifies the municipal addresses of the Site and surrounding properties. The Phase One and Two ESA reports by Pinchin are discussed in Section 4.1.5 of this report, and the plan of survey is discussed in Section 2.3 of this report.

4.3 PHYSICAL SETTING SOURCES

4.3.1. AERIAL PHOTOGRAPHS

Aerial photographs were selected (based on availability, quality, and scale) for review to identify changes to topographic features, as well as development of the Site and surrounding properties within the Phase One Study Area over the years. The earliest aerial photograph available for review was from the year 1932, from the National Air Photo Library of Canada.

Terrapex reviewed aerial photographs available for the years 1939 to 2021 from the following sources:

- National Air Photo Library of Canada;
- City of Toronto on-line archives;
- Google Earth;
- VuMap mapping applications; and,
- Previous ESA reports.

An approximate 10-year intervening time frame between successive photographs was considered to be sufficient to permit a reasonable evaluation of the area development and apparent land use history.

The relevant features identified in the aerial photographs and satellite images are summarized in Table 6 below. It should be noted that identification of some specific features at the Site and surrounding areas was precluded by the scale and resolution of the aerial photographs. Copies of the aerial photographs are included in Appendix VI.

TABLE 6: SUMMARY OF AERIAL PHOTOGRAPHS

YEAR	SOURCE	KEY FEATURES - SITE	KEY FEATURES - SURROUNDINGS	POSSIBLE PCA ¹ s/APECs
1939	National Air Photo Library of Canada	The Site appears to be developed with a residential structure in the southeast portion of the Site. The remainder of the Site appears to be undeveloped and covered by trees and/or grass.	Adjacent properties are developed with residential buildings. Frenchman's Bay is located to the west of the Site.	None Identified.
1946	Pinchin, Phase One ESA, 2016	No significant changes noted.	Surroundings are predominantly residential. Frenchman's Bay is visible to the west of the Site. Liverpool Road is visible to the east of the Site.	None Identified.
1961	Edward Wong, Phase I ESA, 2021	Site appears to be occupied with three structures on the central and southern portions of the Site. The north portion of the Site appears to have vegetative surface cover.	The surrounding properties appear to be residential.	None Identified.
1969	Edward Wong, Phase I ESA, 2021	Site appears to be occupied with four structures	Properties to the northwest and southwest have been developed as marinas with wharfs.	44 - Port Activities, including Operation and Maintenance of Wharves and Docks
1975	Edward Wong, Phase I ESA, 2021	The Site appears unchanged from the 1969 photo.	Surroundings properties remain similar to the 1969 aerial photograph.	None Identified.
1981	Pinchin, Phase One ESA, 2016	The Site appears unchanged from the 1975 photo.	Surroundings properties appear unchanged.	None Identified.
2002	Mapcast Mapping Services	Three buildings (the residence, hobby farm and storage shed) appear to be present in a similar configuration as was observed during the Site visit. The northwest portion of the Site is being used for boat storage.	Surroundings properties appear relatively unchanged since the 1981 aerial photograph.	Other - De-icing Activities

2012	Mapcast Mapping Services	The northwest parking lot and boat storage area has been expanded to the east. No other significant changes were observed.	The land south of the Site has been developed with residential building, commercial building and parking lot. No other significant changes were observed.	Other - De-icing Activities
2021	Mapcast Mapping Services	The northwest portion of the Site is vacant. No other significant changes were observed.	Surroundings properties appear unchanged from the 2012 aerial photograph.	None Identified.

¹As set out in Table 2 in Schedule D of O. Reg. 153/04.

4.3.2. TOPOGRAPHY, HYDROLOGY, GEOLOGY

The following maps, and/or information sources were reviewed in order to document the topography, geology and hydrogeology of the Site and the Phase One Study Area:

- ANSI
- Bedrock Geology
- Ontario Base Map (OBM)
- Physiography
- Soils
- Surficial Geology
- Topography
- Previous Reports

A summary of reviewed information is presented in Table 7 below:

TABLE 7: SUMMARY OF TOPOGRAPHY, HYDROLOGY AND GEOLOGY

SITE FEATURE	DESCRIPTION / DETAILS
REGIONAL TOPOGRAPHY	Local and surrounding area topography is generally flat with a slight slope down towards the west (towards Frenchman's Bay).
APPROX ELEVATION (masl)	Approximately 79 masl
PHYSIOGRAPHIC REGION	The Site and Phase One Study Area are located within the Iroquois Plain, which is characterized by clay plains.
OVERBURDEN SOIL STRATIGRAPHY	Previous intrusive investigations at the Site, identified soil stratigraphy of fill material, followed by clay and gravel, overlaying layers of clay and sand.
BEDROCK AND APPROXIMATE DEPTH	Previous investigations indicated bedrock, consisting of weathered shale with limestone interbeds, was encountered at depths of approximately 7.5 m bg.

Copies of reviewed information are provided in Appendix VII.

4.3.3. FILL MATERIALS

A review of the borehole logs in the Phase II ESA report prepared by Edward Wong Associates indicates a layer of fill material is present below the ground surface extending between 1.2 m to 2.5 m below grade (bg). The presence of fill materials of unknown quality is of potential environmental concern to the Site

4.3.4. WATER BODIES, AREAS OF NATURAL SIGNIFICANCE AND GROUNDWATER INFORMATION

Based on a review of information and records in the preceding sections, a summary of water bodies, areas of natural significance, if any, and groundwater information within the Phase One Study Area are summarized in Table 8 below:

TABLE 8: SUMMARY OF WATER BODIES, AREAS OF NATURAL SIGNIFICANCE, GROUNDWATER INFORMATION

FEATURE	WITHIN PHASE ONE PROPERTY	WITHIN PHASE ONE STUDY AREA	DESCRIPTION/ DETAILS
WATER BODY	NO	YES	The nearest surface water body is Frenchman's Bay which is located approximately 100 m west of the Site.
ANSI	NO	NO	Though an ANSI was not identified, significant wetland is present at the mouth of the Krosno Creek, located approximately 150 m southeast of the Site.
WELL-HEAD PROTECTION AREA	NO	NO	N/A
MUNICIPAL DRINKING WATER SYSTEM	YES	YES	Supplied by Region of Durham from Lake Ontario
WELL FOR CONSUMPTION/ AGRICULTURAL USE	NO	YES	Three water wells were identified within the Phase One Study Area

4.3.5. WELL RECORDS

Based on a review of information and records in the preceding sections, there were no well records available for the Site, however 13 well records and three well abandonment records were available from within the Phase One Study Area. The locations of the wells are provided in the ERIS report (Appendix IV). A summary of relevant water well records with sufficient information on the hydrogeological and geological characteristics of the Phase One Study Area are summarized in Table 9 below:

TABLE 9: SUMMARY OF SELECTED WATER WELL RECORDS

WELL ID/ TAG	YEAR	TYPE OF WELL	LOCATION	GENERAL STRATIGRAPHY	APPROXIMATE DEPTH TO WATER TABLE
7265178	2016	Monitoring Well	1280 Wharf Street 65 m west of the Site	Sand to 0.61 m bg Clay from 0.61 to 3.35 m bg	Data not available

WELL ID/ TAG	YEAR	TYPE OF WELL	LOCATION	GENERAL STRATIGRAPHY	APPROXIMATE DEPTH TO WATER TABLE
				Silt and sand from 3.35 to 6.1 m bg	
7265177	2016	Monitoring Well	1280 Wharf Street 65 m west of the Site	Sand to 0.61 m bg Clay from 0.61 to 3.35 m bg Silt and sand from 3.35 to 6.1 m bg	Data not available
7265179	2016	Monitoring Well	1280 Wharf Street 65 m west of the Site	Sand to 0.61 m bg Silt and sand from 0.61 to 6.1 m bg	Data not available
1907327	1985	Water Well	lot 23 concession 3	Fill Materials to 0.61 m bg Clay from 0.61 to 2.4 m bg Sand from 2.4 to 3.1 m bg Clay from 3.1 to 8.2 m bg	2.4 m bg
4601887	1963	Water Well	lot 23 concession 3	Clay to 4.0 m bg Sand from 4.0 to 6.1 m bg Clay from 3.1 to 8.2 m bg	4.0 m bg
7294341	2017	Test Well	619 Liverpool Road 100 m southeast of the Site	Silt to 2.7 m bg Clay from 2.7 to 4.6 m bg Silt from 4.6 to 6.1 m bg	5.2 m bg
4601886	1961	Water Well	lot 22 concession 3	Clay to 6.1 m bg Shale from 6.1 to 6.4 m bg	6.1 m bg
7159904	2011	Test Well	Wharf Street	Clay to 4.0 m bg Shale from 4.0 to 13.1 m bg	4.0 m bg

4.4 SITE OPERATING RECORDS

As the Site was determined not to constitute an Enhanced Investigation Property as defined in O. Reg. 153/04, a review of site operating records was not required by the regulation.

5.0 INTERVIEWS

5.1 SITE REPRESENTATIVE

A Liverpool LP representative with knowledge of the Site was interviewed by Terrapex. Relevant information obtained during the interview is summarized below.

Greg Silas, Vice President of Liverpool LP: Greg Silas completed an interview in person for this study on August 10, 2022 and provided the following information:

- Greg Silas has been involved with the Site since 2013.
- The current residence was likely constructed in the 1950s. Renovations were completed on the exterior of the building in 2013 by applying stucco finish over top of the brick exterior.
- The previous owner/tenant was a marketing firm and used the property as office space.
- A Designated Substance Survey was completed in 2013; no designated substances were observed to be present on the Site. However, the report was not available for review.
- The City of Pickering operates the parking lot portion of the Site as a public parking lot.
- As far as Greg Silas was aware, the Site has historically been used for residential and commercial purposes.

The statements and information provided by Greg Silas were consistent with information obtained from other sources as part of the Phase One ESA investigation. No additional relevant information pertaining to the Site was provided.

5.2 SURROUNDING PROPERTY REPRESENTATIVE

Representatives of the surrounding properties were not interviewed.

6.0 SITE RECONNAISSANCE

6.1 GENERAL REQUIREMENTS

The reconnaissance of the Site and the Phase One Study Area was conducted by Samantha Beatty of Terrapex, as follows:

TABLE 10: SITE RECONNAISSANCE PARTICULARS

DATE, TIME and DURATION	WEATHER CONDITIONS	GUIDE	OCCUPANT/ USE OF FACILITY	ENHANCED INVESTIGATION PROPERTY ¹	NAMES and QUALIFICATIONS of PERSONS CONDUCTING INVESTIGATION
August 10, 2022 8:00 am to 11:00 am	Sunny 20 °C	Greg Silas, Liverpool LP	Residential - Vacant Hobby Garage - Avis Public Parking Lot – City of Pickering	No	Ms. Samantha Beatty B.Sc., P. Geo.

¹ As per clause 32 (1) of O. Reg. 153/04.

Cursory observations of the surrounding properties within the Phase One Study Area made during the Site reconnaissance were limited to areas visible from the Site or from publicly accessible areas and vantage points. During the Site reconnaissance, Terrapex photographed the general Site layout, as well as any specific environmental concerns identified on the Site or on surrounding properties within the Phase One Study Area.

Specific limitations encountered during the Site reconnaissance are provided in Section 3.3.

The Site location plan is shown on Figure 1. The Site layout is shown on Figure 2. Selected photographs including general descriptions are provided in Appendix VIII.

6.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

6.2.1. SITE DESCRIPTION AND STRUCTURES

The Site is located at the southeast corner of the Liverpool Road and Annland Street in Pickering, Ontario. It is situated in a mixed use residential and commercial neighbourhood. The Site is irregular in shape and measures 6,231.74 m². The eastern portion of the Site (640 Liverpool Road) is developed with a two-storey residential building with a basement, a storage shed, a hobby garage, and a parking area. The western portion of the Site (609 Annland Street) is developed as a public parking lot.

Summary of observations from the Site reconnaissance presented in Table 11 below:

TABLE 11: SITE STRUCTURE OBSERVATIONS

SITE FEATURES	QUANTITY	AGE	DESCRIPTION	LOCATION
BUILDINGS	3	Unknown	a residential house, a detached hobby garage, a storage shed	Eastern portion of the Site
OTHER STRUCTURES	N/A	N/A	paved parking lot	N/A
BELOW GRADE STRUCTURES	1	Unknown	Basement, Sump pump	Residence
POTABLE/ NON-POTABLE WATER SOURCES	7	~1 year	Edward Wong previously installed three monitoring wells on-Site, which were verified during the Site visit. Additionally, Terrapex's previous geotechnical and hydrogeological investigations included the installation of four monitoring wells on-Site.	Various on-Site locations

Summary of observed above ground storage tanks (ASTs) and/or underground storage tanks (USTs) are presented in Table 12 below:

TABLE 12: TANK DETAILS

TANK	CONSTRUCTION	AGE	CONTENTS	VOLUME (L)	STATUS	LOCATION
AST	Steel	Unknown	Heating oil	~1,135 L	Not currently in use	Basement of residence
UST	Unknown	Unknown	Petroleum products	Unknown	Not currently in use	Exterior and west of the storage shed.

6.2.2. UNDERGROUND UTILITIES

Summary of utilities from inquires and site observations presented in Table 13 below:

TABLE 13: UTILITY DETAILS

UTILITY	PRESENCE ON SITE	APPROXIMATE LOCATION
ELECTRICAL	Yes	Overhead hydro lines into the residence and hobby garage
GAS	No	NA
SEWER	Yes	Underground piping to the residence
WATER	Yes	Underground piping to the residence

6.2.3. INTERIOR OF STRUCTURES

Details of structures observed are summarized Table 14 below.

TABLE 14: STRUCTURE DETAILS

ITEM	BUILDING 1	BUILDING 2	BUILDING 3
CONSTRUCTION DETAILS	Vacant two-storey residence with carpeted floors and wall-papered drywall walls. The basement had concrete floor and walls.	Single-storey hobby garage	Storage Shed
EXIT/ENTRY POINTS	Front entrance from the west side, and another entrance from the east side.	One entrance on the north side. Driveway access from Annland Street	One entrance on the south side – currently locked.

ITEM	BUILDING 1	BUILDING 2	BUILDING 3
HEATING SYSTEM	Oil-fired furnace	Electric	None
COOLING SYSTEM	None observed, historically, window-mounted air conditioning units.	None	None
DRAIN/PITS/SUMPS	One sump was observed in the residence basement.	None observed	None observed
UNIDENTIFIED SUBSTANCES	None observed	None observed	None observed
STAINS/CORROSION ON FLOORS	Staining was observed in front of the oil tank in the basement	Staining observed on the concrete floor of the hobby garage	None observed

Where applicable, the approximate locations of PCAs are shown on Figure 4.

6.2.4. EXTERIOR OBSERVATIONS

Summary of observations of the exterior of the Site are presented in Table 15 below:

TABLE 15: SITE DETAILS

ITEM	DETAILS	APPROXIMATE LOCATION
SEWAGE WORKS	Municipal Sewer	Through the middle portion of the Site
OIL/GAS or WATER WELLS	Seven monitoring wells were observed at the Site	Primarily near the residence and driveway area, but also in vegetated areas too. See Figure 2 for monitoring well locations.
GROUND SURFACE	Asphalt driveway, grass landscape, gravel cover	Northwest section of the Site is mixed asphalt and gravel covered and used as a City of Pickering parking lot.
RAILWAY LINES/ SPURS	None	N/A
STAINED SOIL/ VEGETATION/ PAVEMENT	None	N/A
STRESSED VEGETATION	None	N/A
POTENTIAL PCA ¹	28 - Gasoline and Associated Products Storage in Fixed Tanks	An AST in the basement of the residential building. An UST located adjacent to the storage shed Oil storage drums located northwest of the hobby garage
UNIDENTIFIED SUBSTANCES	None	N/A

¹As set out in Table 2 in Schedule D of O. Reg. 153/04.

6.2.5. ENHANCED INVESTIGATION PROPERTY

The Site is not considered an Enhanced Investigation Property.

6.3 PHASE ONE STUDY AREA, OTHER THAN PHASE ONE PROPERTY

Observations from the Site reconnaissance of the Phase One Study Area are listed below.

FEATURE/DETAILS	DESCRIPTION	ADDRESS	PROXIMITY
WATER BODY	Yes	Frenchman's Bay	100 m west of the Site
ANSI	Though an ANSI was not identified, significant wetland is present at the mouth of Krosno Creek	Krosno Creek	located approximately 150 m southeast of the Site.
MUNICIPAL DRINKING WATER SYSTEM	Supplied by City of Pickering from Lake Ontario	NA	NA
WELL FOR CONSUMPTION/ AGRICULTURAL USE	None observed	NA	NA
PCA¹	28 - Gasoline and Associated Products Storage in Fixed Tanks	1288 Wharf Street	15 m southwest of the Site
	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	1289 Wharf Street	60 m southwest of the Site

¹As set out in Table 2 in Schedule D of O. Reg. 153/04.

6.4 WRITTEN DESCRIPTION OF INVESTIGATION

The Site reconnaissance was conducted to identify, describe, and document specific items at the Site and at surrounding properties within the Phase One Study Area, in accordance with Schedule D of O. Reg. 153/04. Written descriptions detailing the observations made by Terrapex personnel during the Site reconnaissance are provided above in Sections 6.2 and 6.3, for the Site and the Phase One Study Area, respectively.

Discussions regarding the identification of PCAs on the Site and on surrounding properties with the Phase One Study Area are provided below in Section 7.2.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 CURRENT AND PAST USES

A summary of the current and past uses of the Phase One property, based on the available information, is provided in Table 16, below:

TABLE 16: CURRENT AND PAST USES OF THE PHASE ONE PROPERTY

YEAR	NAME OF OWNER	DESCRIPTION OF PROPERTY USE	PROPERTY USE ¹	OTHER OBSERVATIONS FROM AERIAL PHOTOGRAPHS, FIRE INSURANCE PLANS, ETC.
Prior to 1939	Unknown	Unknown	Agriculture or other use	1939 aerial - Site appears to be developed with a residential structure in the southeast portion of the Site. The remainder of the Site appears to be undeveloped and covered by trees and/or grass
1939 - 2013	Unknown, various	Residential and commercial	Residential use Commercial use	1946 aerial - No significant changes noted 1961 aerial - Site appears to be occupied with three structures on the central and southern portions of the Site. The north portion of the Site appears to have vegetative surface cover 2002 aerial - Three buildings (the residence, hobby farm and storage shed) appear to be present in a similar configuration as was observed during the Site visit. 2012 aerial - The northeast parking lot and boat storage area has been expanded to the east. Interview – The residence was previously used as an office for a marketing company. City directories – The Site was listed as residential from 1970 to 2000
2013 - Current	Liverpool LP	Vacant residential, with an active hobby garage.	Residential use Commercial use	2021 aerial - The northwest portion of the Site is now vacant. Site visit – confirmed that the residence is vacant and a hobby garage is operating on-Site.

¹as defined in O.Reg. 153/04

7.2 POTENTIALLY CONTAMINATING ACTIVITY

A potentially contaminating activity as defined in O. Reg. 153/04 is a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in the Phase One property and/or Phase One Study Area. Details regarding the PCAs that may be contributing to an area of potential environmental concern are provided below in Tables 17.1 and 17.2.

TABLE 17.1: POTENTIALLY CONTAMINATING ACTIVITIES ON, IN OR UNDER THE PHASE ONE PROPERTY

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 1	28 - Gasoline and Associated Products Storage in Fixed Tanks	Fuel oil tank located in basement of 640 Liverpool Road residence.	Site inspection	Yes	Low – observed on Site
PCA 2	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	The Hobby Garage is currently active and in use for personal vehicle maintenance The address is registered as a generator of waste oils and lubricants from 1988 to 2022.	Site inspection Interviews ERIS Report	Yes	Low – observed on Site
PCA 3	30 – Importation of Fill Material of Unknown Quality	Fill materials of unknown quality across the Site. Previous reports prepared by other consultants indicated fill materials across the Site during the Phase II investigation.	Previous reports	Yes	Low – identified during the geotechnical investigation
PCA 4	28 - Gasoline and Associated Products Storage in Fixed Tanks	An UST is located adjacent to the west of the storage shed on-Site	Site inspection Interviews ERIS report	Yes	Low – confirmed by tenant.
PCA 5	28 - Gasoline and Associated Products Storage in Fixed waste Tanks	Former oil ASTs and drum storage to the northwest of the Hobby Garage	Site inspection Interviews Previous reports	Yes	Low -the presence of ASTs and drum storage is well documented
PCA 6	Other – use of de-icing agents on gravel covered driveway and parking areas	Exterior gravel covered parking areas in the central and western portions of the Site	Site inspection Aerial Photographs Previous reports	Yes	Low – gravel covered areas were apparent

¹ As shown on Figure 4.

TABLE 17.2: POTENTIALLY CONTAMINATING ACTIVITIES WITHIN THE PHASE ONE STUDY AREA

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	ADDRESS/ LOCATION	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 7	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	1290 Wharf Street, approximately 40 m west of the Site	In 2014 and 2015, a construction company locate at the address was listed as a generator of waste oils, lubricants, light fuels and oil sludges.	ERIS report	No – due to being located down gradient from the Site	High – Site activities and housekeeping are not known
PCA 8	7 - Boat Manufacturing	641 Liverpool Road, approximately 25 m east of the Site	Stelray Boats listed as a boat builder 1986 with two employees	ERIS report	No – due to the property being residential, significant manufacturing processes are not anticipated	High – As the address is a residential property, production and housekeeping practices are not known
PCA 9	28 - Gasoline and Associated Products Storage in Fixed Tanks	1288 Wharf Street, approximately 25 m southwest of the Site	Fuel oil tank in basement of the residential building	Site inspection	No – the address is located down gradient and has been previously investigated, and has an RSC.	Low – AST was observed during the Site reconnaissance
PCA 10	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	1278 Wharf Street, approximately 55 m west of the Site.	Former use of the property as a boat launch, pier, and boat storage.	City Directories Aerial photographs Previous reports	No – The property is located downgradient of the Site.	Low – There are multiple sources of information
PCA 11A	19 - Electronic and Computer Equipment Manufacturing	1295 Wharf Street, approximately 40 m south of the Site	The property operated as Pickering Harbour Company Limited	ERIS	No – The property is located downgradient of the Site.	Low – the address is located down gradient
PCA 11B	44 - Port Activities, including Operation and Maintenance of Wharves and Docks		High Tech-Matic Controls Ltd. was listed as a			

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	ADDRESS/ LOCATION	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 11C	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners		manufacturer of various electrical equipment The property is identified as a generator of wastes.			
PCA 12	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	1289 Wharf Street, approximately 50 m southwest of the Site	The property currently and historically has operated as a wharf and marina	Aerial photographs Site inspection	No – the property is located downgradient of the Site	Low – port activities were confirmed during the Site inspection
PCA 13	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	684 Front Street, approximately 150 m northwest of the Site	The property currently and historically has operated as a wharf and marina	Aerial photographs Site inspection	No – due to the intervening distance	Low – port activities were confirmed during the Site inspection

¹ As shown on Figure 4.

² As set out in Table 2 in Schedule D of O. Reg. 153/04.

³ Area of potential environmental concern (APEC)

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

An area of potential environmental concern, as defined in O. Reg. 153/04, is the area on, in, or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One ESA including through, (a) identification of past or present uses on, in or under the Phase One property and (b) identification of potentially contaminating activity.

APECs are summarized in Table 18, and shown on Figure 5.

TABLE 18: AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

APEC ¹	LOCATION OF APEC ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY ²	LOCATION OF PCA (ON-SITE or OFF-SITE)	CONTAMINANTS OF POTENTIAL CONCERN ³	MEDIA POTENTIALLY IMPACTED (Ground water, Soil, and/or Sediment)
APEC 1	Western portion of the 640 Liverpool Road residence.	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 1)	BTEX PHCs PAHs	Soil Groundwater

APEC ¹	LOCATION OF APEC ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY ²	LOCATION OF PCA (ON-SITE or OFF-SITE)	CONTAMINANTS OF POTENTIAL CONCERN ³	MEDIA POTENTIALLY IMPACTED (Ground water, Soil, and/or Sediment)
APEC 2	Around the Hobby Garage	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	On-Site (PCA 2)	BTEX PHCs VOCs Metals PAHs Hydride-forming metals	Soil Groundwater
APEC 3	Entire Site	30 - Importation of Fill Material of Unknown Quality	On-Site (PCA 3)	Metals BTEX PHCs PAHs Hydride-forming metals ORPs (B, Hg, Cr (VI), CN-, EC, SAR)	Soil
APEC 4	Adjacent to the west of the storage shed on-Site	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 4)	BTEX PHCs PAHs	Soil Groundwater
APEC 5	Northwest of the Hobby Garage	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 5)	BTEX PHCs PAHs	Soil Groundwater
APEC 6	Gravel covered areas in the central and western portions of the Site	Other (O1) – Application of de-icing salts (not specifically defined in the regulation)	On-Site (PCA 6)	EC and SAR (Soil only) Na and Cl (Groundwater only)	Soil Groundwater

¹ Areas of potential environmental concern (APEC) means the area on, in or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One property, and (b) identification of potentially contaminating activity.

² As set out in Column A of Table 2 of Schedule D.

³ Contaminants of potential concern (COPC) according to the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", March 9, 2004, amended as of July 1, 2011:

BTEX: benzene, toluene, ethylbenzene, xylenes	Hg: mercury	As: arsenic	Cl: chloride
PHCs: petroleum hydrocarbons (F1-F4)	B (hws): boron, hot water soluble	Sb: antimony	EC: electrical conductivity
VOCs: volatile organic compounds	Cr (VI): chromium (hexavalent)	Se: selenium	SAR: sodium adsorption ratio
PAHs: polycyclic aromatic hydrocarbons	CN-: cyanide	Na: sodium	PCBs: polychlorinated biphenyls

A discussion and description of how any uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the conclusion is provided in Section 7.4, Phase One CSM.

7.4 PHASE ONE CONCEPTUAL SITE MODEL

The Phase One ESA Conceptual Site Model (CSM) developed based on the results of the Phase One ESA is provided in Appendix IX and summarized in Figures 1 through 5. The referenced figures show the Phase One property and Phase One Study Area including:

- any existing buildings and structures,
- water bodies located in whole or in part on the Phase One Study Area,
- any areas of natural significance located in whole or in part on the Phase One Study Area,
- any drinking water wells at the Phase One property,
- roads, including names, within the Phase One Study Area,
- uses of properties adjacent to the Phase One property,
- areas where any potentially contaminating activity has occurred, including tanks in such areas, and
- any areas of potential environmental concern.

8.0 CONCLUSIONS

8.1 WHETHER PHASE TWO ESA REQUIRED BEFORE RSC SUBMITTED

Based on the findings and results of the Phase One ESA, APECs have been identified at the Site; therefore, a Phase Two ESA is required in order to file an RSC for the Phase One Property, in accordance with the requirements of O. Reg. 153/04.

8.2 RSC BASED ON PHASE ONE ESA ALONE

An RSC cannot be filed for the Phase One Property based solely on this Phase One ESA.

8.3 SIGNATURES

The environmental assessment described herein was conducted in accordance with the terms of reference for this project, as agreed upon by Liverpool Limited Partnership and Terrapex Environmental Ltd.

The Phase One Environmental Site Assessment of the property located at 640 Liverpool Road and 609 Annland Street, Pickering, Ontario which included the review, evaluation, and interpretation of the information obtained from the records review, interviews, and Site reconnaissance has been conducted in accordance with Ontario Regulation 153/04 (Records of Site Condition – Part XV.1 of the Environmental Protection Act), made under the *Environmental Protection Act*, by or under the supervision of a Qualified Person. The qualifications of the assessors are included in Appendix X.

Terrapex has exercised due care, diligence, and judgement in the performance of this assessment; however, studies of this nature have inherent limitations. This report is intended to provide only a general assessment of the environmental conditions encountered at the Site. By necessity, the findings and observations regarding actual or potential contamination of the property are based solely on the extent of observations and information gathered during the assessment, and subsequent investigations of differing scope may reveal conflicting results. Findings and observations may also change with the passage of time. Where applicable, observations of nearby properties were limited to areas visible from the Site or from publicly accessible areas and vantage points.

Terrapex has relied in good faith on information and representations obtained from the Client and third parties and, except where specifically identified, has made no attempt to verify such information. Terrapex accepts no responsibility for any deficiency or inaccuracy in this report as a result of any misstatement, omission, misrepresentation, or fraudulent act of those providing information. Terrapex shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time of the study.

This report has been prepared for the sole use of Liverpool Limited Partnership, Terrapex Environmental Ltd. accepts no liability for claims arising from the use of this report, or from actions taken or decisions made as a result of this report, by parties other than Liverpool Limited Partnership.

Respectfully submitted,
TERRAPEX ENVIRONMENTAL LTD.



Wahida Nashreen, M.Sc., EIT
Environmental Scientist



Sara Sutherland, CET, EP
Project Manager



David R. Crawford, P.Geo., QP_{ESA}
Senior Reviewer



9.0 REFERENCES

Regulations and Guidelines

Ontario Regulation 153/04, *Records of Site Condition – Part XV.1 of the Environmental Protection Act*

Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act, April 15, 2011

Property Use Information:

Polk's York Region Ontario Criss Cross Directory, available for review through ERIS, various years, 1960 – 2000.

Site Plans:

Plan of Survey Showing Topography of Parts of Lots 6 and 7 and Lots 5, 8, 9, 19, 11, 12 and 16, Registered Plan M-89 (Geographic Township of Pickering), Now in the City of Pickering, Regional Municipality of Durham, by J.D. Barnes Limited, dated May 31, 2022

Plan of Survey of LOTS 8, 9, 10, 11, 12 and 16 AND PART OF LOT 5 REGISTERED PLAN M-89 (Geographic Township of Pickering), now in the City of Pickering, Regional Municipality of Durham prepared by J.D. Barnes Limited, dated November 19, 2015

Municipal Address Map, Part Lot 5 and Lots 8-12, Plan M-89 (1280, 1288, 1290, 1292, 1294 Wharf Street, & 607 Annland Street), by City of Pickering, City Development, dated October 12, 2017

Environmental Source Information:

Ontario Ministry of the Environment (MOE), Ministry of the Environment and Climate Change (MOECC) and Ministry of the Environment, Conservation and Parks (MECP) documents and databases:

- Inventory of Coal Gasification Plant Waste Sites in Ontario, through ERIS
- Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, through ERIS
- Waste Disposal Site Inventory, through ERIS
- MECP *Brownfields Environmental Site Registry* website

Federal government, provincial government, and private source database records available through ERIS Information Inc. (ERIS) for locations within 300 m of the Site.

Regulatory file information and documentation regarding environmental concerns related to the Site, and/or information pertaining to water bodies and areas of natural significance within the Phase One Study Area, available from:

- MECP Freedom of Information and Protection of Privacy Office
- Ontario Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Area on-line mapping
- Technical Standards & Safety Authority (TSSA) Fuels Safety Division

Official Plan Of The Regional Municipality Of Durham, Schedule 'B' - Map 'B2' High Aquifer Vulnerability And Wellhead Protection Areas

Physical Setting Sources:

Aerial photographs for the years 1939, 1946, 1961, 1969, 1975, 1981, 2002, 2012, and 2021 available from National Air Photo Library of Canada, Mapcast Mapping Services, and Previous ESA reports.

Topographic Map: National Topographic Systems (NTS), Energy, Mines and Resources Canada, (1:50,000), Atlas of Canada Toporama mapping, available from the Natural Resources Canada website: <http://atlas.nrcan.gc.ca/site/english/index.html>, updated 2010.

The Physiography of Southern Ontario, Third Edition, Ontario Geological Survey Special Volume 2 (1984), Chapman and Putnam, map provided by ERIS.

Ontario Geological Survey map entitled *Surficial Geology of southern Ontario*, map provided by ERIS.

Ontario Geological Survey map entitled *Bedrock Geology of Ontario*, map provided by ERIS.

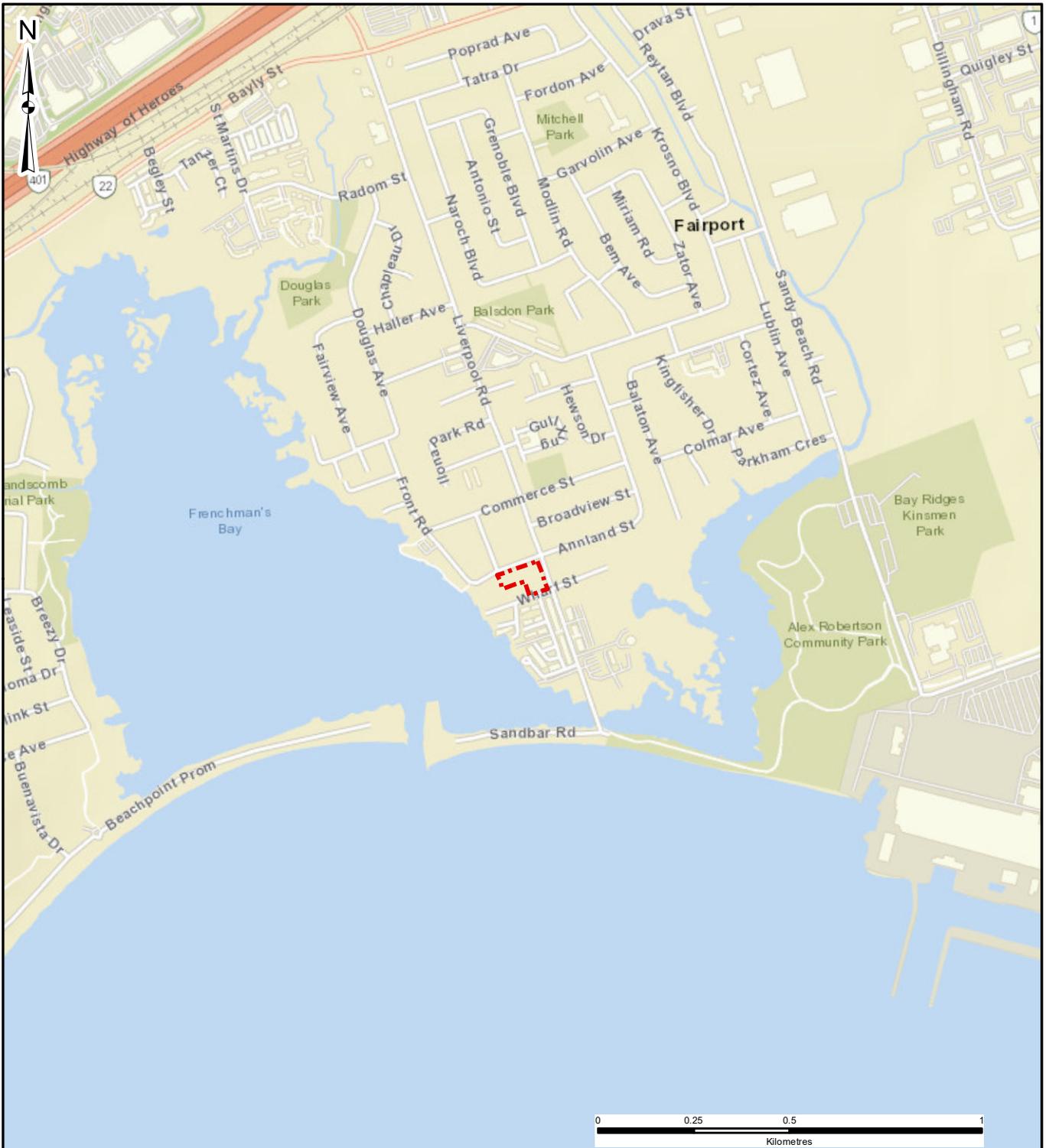
Ontario Ministry of Agriculture and Food, Ministry of Natural Resources, Soil Survey Complex (ON Soils), Soil Survey Complex (ON Soils), map provided by ERIS.

Well record information available from ERIS on the Water Well Information System databases and from the MECP Environmental Monitoring and Reporting Branch Water Well Information System, on-line mapping application

Interviews:

Interview on August 10, 2022 with Mr. Greg Silas, Vice President of Liverpool Limited Partnership, during Terrapex's Site reconnaissance

FIGURES



C:\Users\swilliams\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3400\CT3414.01 640 Liverpool Road, Pickering\MXD\CT3414.01 FIG1 SITE LOCATION.mxd

LEGEND

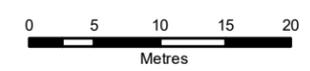
 SITE BOUNDARY

CLIENT: LIVERPOOL LIMITED PARTNERSHIP		
SITE LOCATION: 640 LIVERPOOL ROAD AND 609 ANNLAND STREET PICKERING, ONTARIO		
		
TITLE: SITE LOCATION		
DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	FIGURE: 1

DATA SOURCE: ESRI
MAP PROJECTION: NAD 1983 UTM Zone 17N



- LEGEND**
- SITE BOUNDARY
 - PARCEL
 - + MONITORING WELL (TERRAPEX)
 - ⊕ MONITORING WELL (EDWARD WONG)
 - UNDERGROUND STORAGE TANK
 - ABOVEGROUND STORAGE TANK
 - ⊗ FORMER ABOVEGROUND STORAGE TANK



DATA SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD AND 609 ANNLAND STREET
 PICKERING, ONTARIO



TITLE:
GENERAL SITE LAYOUT

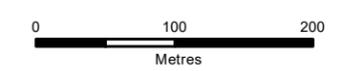
DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	FIGURE: 2

C:\Users\swilliams\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3400\CT3414_01_640 Liverpool Road - Pickering\MXD\CT3414_01_FIG2 GENERAL SITE LAYOUT.mxd



LEGEND

-  SITE BOUNDARY
-  PHASE ONE STUDY AREA
-  MECP WATER WELL RECORD



DATA SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD AND 609 ANNLAND STREET
 PICKERING, ONTARIO



TITLE:
**PHASE ONE STUDY AREA AND
 SURROUNDING LAND USES**

DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	FIGURE: 3



LEGEND

SITE BOUNDARY

PHASE ONE STUDY AREA

POTENTIALLY CONTAMINATING ACTIVITY TYPES

- ON-SITE PCA LEADING TO APEC
- OFF-SITE PCA NOT LEADING TO APEC

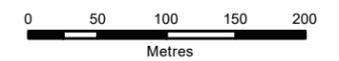
POTENTIALLY CONTAMINATING ACTIVITY TYPES

- 7. BOAT MANUFACTURING
- 19. ELECTRONIC AND COMPUTER EQUIPMENT MANUFACTURING
- 28. GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
- 30. IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
- 44. PORT ACTIVITIES, INCLUDING OPERATION AND MAINTENANCE OF WHARVES AND DOCKS
- 58. WASTE DISPOSAL AND WASTE MANAGEMENT, INCLUDING THERMAL TREATMENT, LANDFILLING AND TRANSFER OF WASTE, OTHER THAN USE OF BIOSOILS AS SOIL CONDITIONERS
- OT1. OTHER - USE OF DE-ICING AGENTS ON GRAVEL COVERED DRIVEWAY AND PARKING AREAS

NOTE:

- PCA ID (PCA TYPE)

REFER TO TABLE 17 IN THE REPORT FOR ADDITIONAL DETAILS.



DATA SOURCE: CITY OF TORONTO
 IMAGERY SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:

LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:

640 LIVERPOOL ROAD AND 609 ANN LAND STREET
 PICKERING, ONTARIO

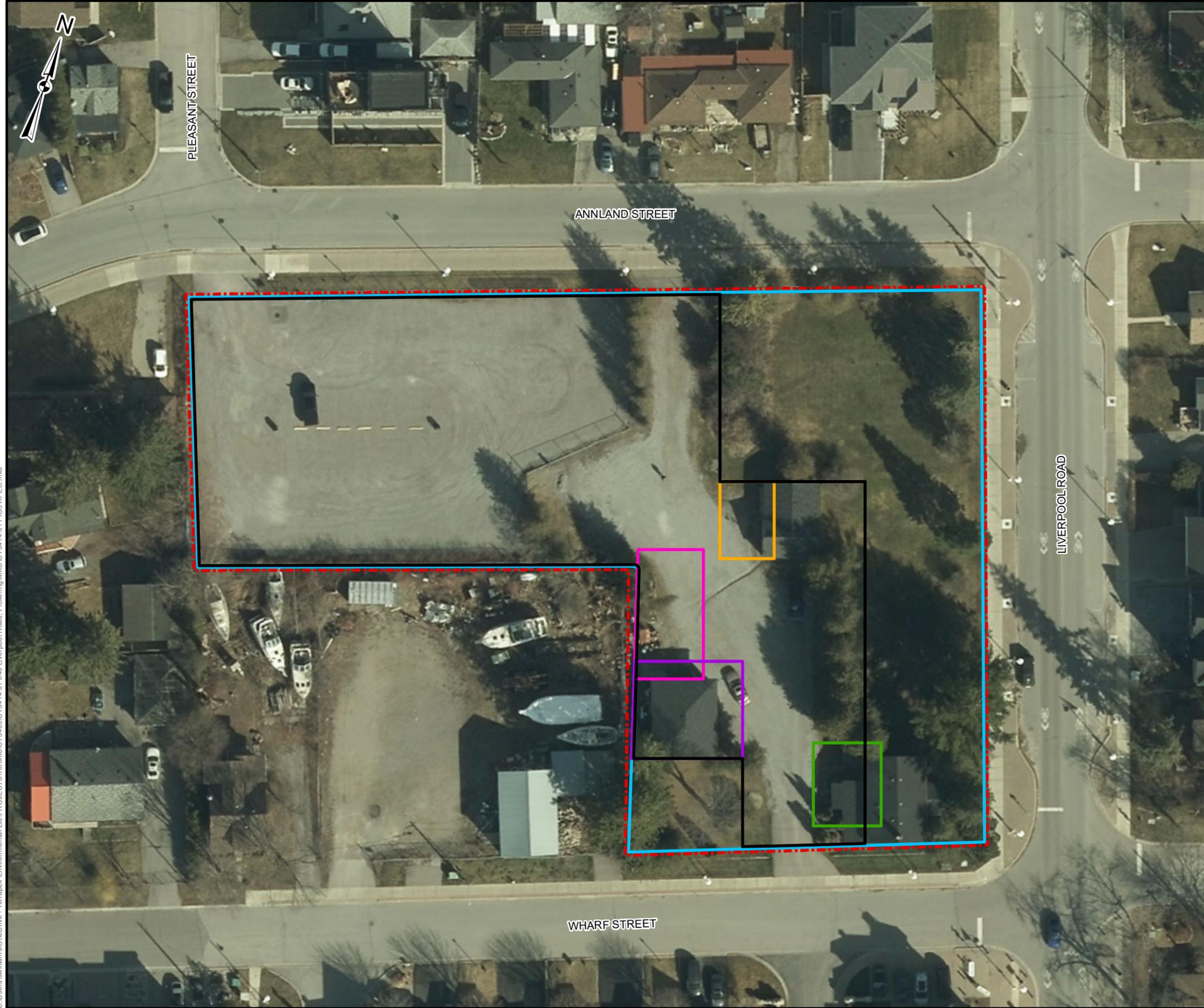


TITLE:

**CONCEPTUAL SITE MODEL -
 POTENTIALLY CONTAMINATING ACTIVITIES**

DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	FIGURE: 4

C:\Users\swilliams\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3400\CT3414_01_640 Liverpool Road_Pickering\MXD\CT3414_01_FIG5 APEC.mxd



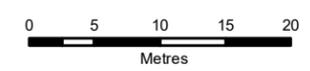
LEGEND

SITE BOUNDARY

AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

- APEC 1
- APEC 2
- APEC 3 (ENTIRE SITE)
- APEC 4
- APEC 5
- APEC 6

APEC	PCA ID	PCA TYPE	DESCRIPTION
1	1	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
2	2	58	WASTE DISPOSAL AND WASTE MANAGEMENT, INCLUDING THERMAL TREATMENT, LANDFILLING AND TRANSFER OF WASTE, OTHER THAN USE OF BIOSOILS AS SOIL CONDITIONERS
3	3	30	IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY
4	4	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
5	5	28	GASOLINE AND ASSOCIATED PRODUCTS STORAGE IN FIXED TANKS
6	6	0T1	APPLICATION OF DE-ICING SALTS (NOT SPECIFICALLY DEFINED IN THE REGULATION)



DATA SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD
 PICKERING, ONTARIO

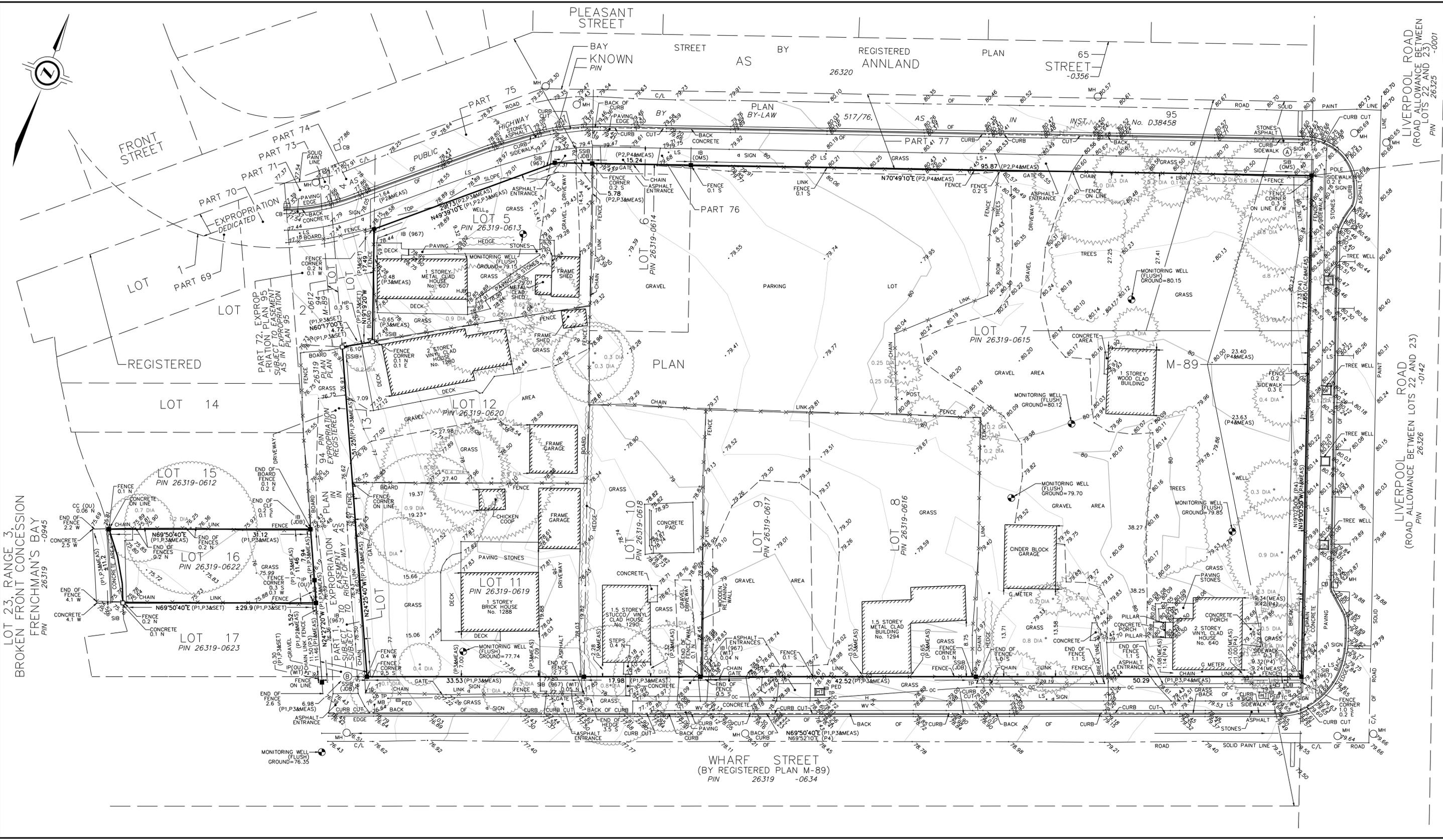


TITLE:
CONCEPTUAL SITE MODEL - AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
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REVISION: 00	DATE: NOVEMBER 2022	FIGURE: 5
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APPENDIX I
PLAN OF SURVEY



PLAN OF SURVEY SHOWING TOPOGRAPHY OF
 PART OF LOTS 6 AND 7 AND
 LOTS 5, 8, 9, 10, 11, 12 AND 16
 REGISTERED PLAN M-89
 (GEOGRAPHIC TOWNSHIP OF PICKERING)
 NOW IN THE
 CITY OF PICKERING
 REGIONAL MUNICIPALITY OF DURHAM
 SCALE 1 : 300

J.D. BARNES LIMITED
 © COPYRIGHT 2022

METRIC DISTANCES AND/OR COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

BENCHMARK
 ELEVATIONS HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF PICKERING BENCHMARK No. R-39, HAVING A PUBLISHED ELEVATION OF 82.555m. (CVG0-1928-1978)

NOTES
 BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0).
 DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999884.

FOR BEARING COMPARISONS, A COUNTER-CLOCKWISE ROTATION OF 1'21"10" WAS APPLIED TO P1, P2 AND P4 TO CONVERT TO GRID BEARINGS.

INTEGRATION DATA			
OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 17, NAD83 (CSRS) (2010.0). COORDINATES TO URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.			
POINT ID	EASTING	NORTHING	
ORP (A)	654 233.57	4 853 302.56	
ORP (B)	654 123.40	4 853 179.41	
COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.			
THE RESULTANT TIE BETWEEN ORP (A) AND ORP (B) IS 165.25m, N41°49'00"E.			

LEGEND	
■	DENOTES SURVEY MONUMENT FOUND
□	DENOTES SURVEY MONUMENT SET
SIB	DENOTES STANDARD IRON BAR
IB	DENOTES SHORT STANDARD IRON BAR
IP	DENOTES IRON PIPE
CC	DENOTES CUT CROSS
WT	DENOTES WITNESS
MEAS	DENOTES MEASURED
JDB	DENOTES J.D. BARNES LIMITED
OMS	DENOTES OMARI MMINYI SURVEYING LTD., O.L.S.
OU	DENOTES ORIGIN UNKNOWN
9B7	DENOTES W.N. WILDMAN, O.L.S.
P1	DENOTES REGISTERED PLAN M-89
P2	DENOTES EXPROPRIATION PLAN No. 95
P3	DENOTES PLAN OF SURVEY BY J.D. BARNES LIMITED, DATED NOVEMBER 19, 2015 (REF No. 15-25-097-00).
P4	DENOTES SURVEYOR'S REAL PROPERTY REPORT BY OMARI MMINYI SURVEYING LTD., O.L.S. DATED OCTOBER 1, 2021 (PROJECT No. 21-085-S).
DENOTES	DENOTES CALCULATED FROM PLANS P1 & P2
■	DENOTES CATCHBASIN
□	DENOTES TELEPHONE CHAMBER
□	DENOTES HYDRO JUNCTION BOX
□	DENOTES GAS TRANSFORMER ON CONCRETE PAD
○	DENOTES GAS METER
○	DENOTES MANHOLE
○	DENOTES HYDRO POLE
○	DENOTES LIGHT STANDARD
○	DENOTES TELEPHONE POLE
○	DENOTES TELEPHONE PEDESTAL
○	DENOTES FIRE HYDRANT
○	DENOTES WATER VALVE
○	DENOTES WELL
○	DENOTES MAILBOX
○	DENOTES OVERHEAD CABLES
○	DENOTES CONIFEROUS TREE
○	DENOTES DECIDUOUS TREE

ALL SURVEYED LIMITS HAVE BEEN CONFIRMED BY BOUNDARIES ACT PLAN 128

SURVEYOR'S CERTIFICATE
 I CERTIFY THAT:
 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
 2. THE SURVEY WAS COMPLETED ON MAY 5, 2022.

DATE _____ G.C. LAFRAMBOISE
 ONTARIO LAND SURVEYOR

J.D. BARNES SURVEYING
 LIMITED MAPPING
 GIS
 LAND INFORMATION SPECIALISTS
 110 SCOTIA COURT, UNIT 38, WHITBY, ON L1N 8Y7
 T: (905) 723-1212 F: (905) 723-4234 www.jdbarnes.com

DRAWN BY: M.R. CHECKED BY: G.C.L. REFERENCE NO.: 22-25-053-01
 FILE: G:\22-25-053\01\22-25-053-01.dgn DATED: 5/31/2022

PLOTTED: 6/6/2022

APPENDIX II

CHAIN OF TITLE – CURRENTLY UNAVAILABLE

APPENDIX III
DIRECTORY SEARCH

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



CITY
DIRECTORY

Project Property: *640 Liverpool Road, Pickering, Ontario*
Report Type: *City Directory*
Order No: *22071900397*
Information Source: *Polk's York Region Ontario Criss Cross Directory*
Date Completed: *July 27, 2022*

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

City Directory Information Source

Polk's Durham Region Ontario Criss Cross Directory

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 2000	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
607 Annland Street	-Address Not Listed
609 Annland Street	-Address Not Listed
1272 Wharf Street	-Address Not Listed
1274 Wharf Street	-Address Not Listed
1278 Wharf Street	-Northern Yacht Ltd -Residential (1 Tenant)
1280 Wharf Street	-Residential (1 Tenant)

1288 Wharf Street	-Residential (1 Tenant)
1290 Wharf Street	-Residential (1 Tenant)
1292 Wharf Street	-Address Not Listed
1294 Wharf Street	-Address Not Listed

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1995	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
607 Annland Street	-Address Not Listed
609 Annland Street	-Address Not Listed
1272 Wharf Street	-Address Not Listed
1274 Wharf Street	-Address Not Listed

1278 Wharf Street	-Northern Yacht Ltd -Residential (1 Tenant)
1280 Wharf Street	-Residential (1 Tenant)
1288 Wharf Street	-Residential (3 Tenants)
1290 Wharf Street	-Residential (2 Tenants)
1292 Wharf Street	-Address Not Listed
1294 Wharf Street	-Address Not Listed

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1990	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
607 Annland Street	-Residential (1 Tenant)

609 Annland Street	-Address Not Listed
1272 Wharf Street	-Address Not Listed
1274 Wharf Street	-Address Not Listed
1278 Wharf Street	-Residential (1 Tenant)
1280 Wharf Street	-Residential (1 Tenant)
1288 Wharf Street	-Residential (1 Tenant)
1290 Wharf Street	-Residential (2 Tenants)
1292 Wharf Street	-Address Not Listed
1294 Wharf Street	-Residential (1 Tenant)

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1985	
Site Listing:	-Residential (1 Tenant)

Adjacent Properties:	
607 Annland Street	-Residential (1 Tenant)
609 Annland Street	-Address Not Listed
1272 Wharf Street	-Address Not Listed
1274 Wharf Street	-Address Not Listed
1278 Wharf Street	-Address Not Listed
1280 Wharf Street	-Address Not Listed
1288 Wharf Street	-Residential (1 Tenant)
1290 Wharf Street	-Residential (2 Tenants)
1292 Wharf Street	-Address Not Listed
1294 Wharf Street	-Address Not Listed

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario

Year: 1979	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
607 Annland Street	-Residential (1 Tenant)
609 Annland Street	-Address Not Listed
1272 Wharf Street	-Address Not Listed
1274 Wharf Street	-Address Not Listed
1278 Wharf Street	-Address Not Listed
1280 Wharf Street	-Residential (2 Tenants)
1288 Wharf Street	-Residential (1 Tenant)
1290 Wharf Street	-Address Not Listed
1292 Wharf Street	-Address Not Listed

1294 Wharf Street	-Address Not Listed
--------------------------	---------------------

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1973/74	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
607 Annland Street	-Street Not Listed
609 Annland Street	-Street Not Listed
1272 Wharf Street	-Street Not Listed
1274 Wharf Street	-Street Not Listed
1278 Wharf Street	-Street Not Listed
1280 Wharf Street	-Street Not Listed
1288 Wharf Street	-Street Not Listed

1290 Wharf Street	-Street Not Listed
1292 Wharf Street	-Street Not Listed
1294 Wharf Street	-Street Not Listed

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1970/71	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
607 Annland Street	-Residential (1 Tenant)
609 Annland Street	-Address Not Listed
1272 Wharf Street	-Street Not Listed
1274 Wharf Street	-Street Not Listed
1278 Wharf Street	-Street Not Listed

1280 Wharf Street	-Street Not Listed
1288 Wharf Street	-Street Not Listed
1290 Wharf Street	-Street Not Listed
1292 Wharf Street	-Street Not Listed
1294 Wharf Street	-Street Not Listed

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1966	
Site Listing:	-Street Not Listed
Adjacent Properties:	
607 Annland Street	-Address Not Listed
609 Annland Street	-Address Not Listed
1272 Wharf Street	-Street Not Listed

1274 Wharf Street	-Street Not Listed
1278 Wharf Street	-Street Not Listed
1280 Wharf Street	-Street Not Listed
1288 Wharf Street	-Street Not Listed
1290 Wharf Street	-Street Not Listed
1292 Wharf Street	-Street Not Listed
1294 Wharf Street	-Street Not Listed

PROJECT NUMBER: 22071900397	
Site Address:	640 Liverpool Road, Pickering, Ontario
Year: 1960	
Site Listing:	-Street Not Listed
Adjacent Properties:	
607 Annland Street	-Street Not Listed

609 Annland Street	-Street Not Listed
1272 Wharf Street	-Street Not Listed
1274 Wharf Street	-Street Not Listed
1278 Wharf Street	-Street Not Listed
1280 Wharf Street	-Street Not Listed
1288 Wharf Street	-Street Not Listed
1290 Wharf Street	-Street Not Listed
1292 Wharf Street	-Street Not Listed
1294 Wharf Street	-Street Not Listed

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

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

APPENDIX IV
ERIS REPORT



DATABASE REPORT

Project Property: *640 Liverpool Road, Pickering
640 Liverpool Road, 1280, 1288, 1290,
1292, 1294 Wharf Street, 607 & 609
Annland Street
Pickering ON L1W 1R2*

Project No: *CT3414.01*

Report Type: *RSC Report (Urban)*

Order No: *22071900397*

Requested by: *Terrapex Environmental Ltd.*

Date Completed: *July 26, 2022*

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Executive Summary

Property Information:

Project Property: 640 Liverpool Road, Pickering
640 Liverpool Road, 1280, 1288, 1290, 1292, 1294 Wharf Street, 607 & 609 Annland Street Pickering ON L1W 1R2
Project No: CT3414.01

Order Information:

Order No: 22071900397
Date Requested: July 19, 2022
Requested by: Terrapex Environmental Ltd.
Report Type: RSC Report (Urban)

Historical/Products:

City Directory Search CD - Subject Site plus 10 Adjacent Properties
ERIS Xplorer [ERIS Xplorer](#)
Excel Add-On Excel Add-On
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Physical Setting Report (PSR) PSR
Topographic Map RSC Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	3	3
CA	<i>Certificates of Approval</i>	Y	0	5	5
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	3	7	10
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	8	9
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	1	4	5
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	1	1
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	19	37	56
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	1	0	1

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	2	2
PINC	<i>Pipeline Incidents</i>	Y	0	6	6
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	1	0	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	1	4	5
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	6	6
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	8	8
SPL	<i>Ontario Spills</i>	Y	0	5	5
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	3	13	16
Total:			30	111	141

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
1	EHS		1280 Wharf St Pickering ON L1W1A3	SW/0.0	0.00	38
2	WWIS		1280 WHARF STREET PICKERING ON <i>Well ID: 7265179</i>	E/0.0	0.00	38
3	WWIS		1280 WHARF STREET PICKERING ON <i>Well ID: 7265178</i>	ESE/0.0	0.00	41
4	WWIS		1280 WHARF STREET PICKERING ON <i>Well ID: 7265177</i>	ESE/0.0	0.00	44
5	GEN	RB Morgan Construction Ltd.	1290 Wharf Street Pickering ON L1W 1A3	SW/0.0	-1.28	47
5	GEN	RB Morgan Construction Ltd.	1290 Wharf Street Pickering ON L1W 1A3	SW/0.0	-1.28	48
6	PRT	KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD S PICKERING ON L1W 1R2	ESE/0.0	0.00	48
6	GEN	KEITH AVIS HAULAGE LTD.	640 LIVERPOOL ROAD SOUTH C/O 595 ANNLAND STREET PICKERING ON L1W 1A6	ESE/0.0	0.00	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
6	GEN	KEITH AVIS HAULAGE LTD.	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	49
6	GEN	KEITH AVIS HAULAGE LTD. 23-355	640 LIVERPOOL ROAD SOUTH C/O 595 ANNLAND STREET PICKERING ON L1W 1A6	ESE/0.0	0.00	49
6	GEN	KEITH AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	49
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	49
6	DTNK	KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING ON	ESE/0.0	0.00	50
6	DTNK	KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING ON	ESE/0.0	0.00	50
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	51
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	51
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	52
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	52

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON	ESE/0.0	0.00	52
6	DTNK	KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING L1W 1R2 ON CA ON	ESE/0.0	0.00	52
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	53
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	53
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	54
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	54
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	54
6	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ESE/0.0	0.00	54
7	RSC	2643970 ONTARIO INC.	1294 WHARF STREET, PICKERING, ON L1W 1A2 Pickering ON	SE/0.0	-0.47	55

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>8</u>	FST	KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING L1W 1R2 ON CA ON	ENE/0.0	0.00	<u>56</u>
<u>8</u>	GEN	JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	ENE/0.0	0.00	<u>56</u>
<u>9</u>	HINC		1288 WHARF STREET PICKERING ON L1W 1A3	SW/0.0	-1.95	<u>57</u>

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
10	CA	R.M. OF DURHAM	WHARF ST./LIVERPOOL RD. PICKERING TOWN ON	E/1.0	0.00	57
11	SCT	NORTHERN YACHT LIMITED	1278 WHARF ST PICKERING ON L1W 1A3	WSW/13.0	-2.99	57
12	RSC	2388116 ONTARIO INC.	1276 WHARF STREET, PICKERING, ON L1W 1A2 Pickering ON	WSW/13.2	-2.97	58
13	WWIS		ON Well ID: 7228311	SSW/21.4	-2.92	59
14	SCT	Stelray Boats	641 Liverpool Rd Pickering ON L1W 1R3	E/26.4	0.00	60
14	PINC		641 Liverpool Road, Pickering ON	E/26.4	0.00	60
15	PINC		649 Liverpool Road.Pickering ON	ENE/27.5	0.00	60
16	EHS		1283 Wharf St Pickering ON L1W1A2	SSW/27.9	-2.93	61
17	PINC	DXPERT	663 FRONT RD,,PICKERING,ON,L1W 1N9,CA ON	WNW/32.5	-1.06	61
17	SPL	Enbridge Gas Distribution Inc.	663 Front Road Pickering ON	WNW/32.5	-1.06	62
17	SPL	Enbridge Gas Distribution Inc.	663 Front Road Pickering ON	WNW/32.5	-1.06	62
17	PINC	PIPELINE HIT - 1/2"	663 FRONT RD,,PICKERING,ON,L1W 1N9,CA	WNW/32.5	-1.06	63

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			ON			
18	WWIS		1283 WHARF ST PICKERING ON <i>Well ID: 7261330</i>	S/33.2	-2.78	63
19	WWIS		lot 23 con 3 ON <i>Well ID: 1907327</i>	SSW/33.9	-3.32	65
20	EHS		631 Liverpool Road Pickering ON L1W 1R1	ESE/55.9	0.00	70
21	RST	WHARF STREET MARINA LTD	1289 WHARF ST PICKERING ON L1W 1A2	SSW/56.9	-3.29	70
21	FSTH	WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON L1W 1A2	SSW/56.9	-3.29	70
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON	SSW/56.9	-3.29	70
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON	SSW/56.9	-3.29	71
21	EHS		1289 Wharf St Pickering ON L1W 1A2	SSW/56.9	-3.29	72
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON L1W 1A2	SSW/56.9	-3.29	72
21	RST	WHARF STREET MARINA LTD	1289 WHARF ST PICKERING ON L1W1A2	SSW/56.9	-3.29	72
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	73
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	73

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	74
21	DTNK	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	74
21	SPL	s.21	1289 Wharf St Pickering ON L1W 1A2	SSW/56.9	-3.29	75
21	FST	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	75
21	FST	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	76
21	FST	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	76
21	FST	WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	SSW/56.9	-3.29	77
22	CA	PICKERING HARBOUR COMPANY LIMITED	1295 WHARF STREET PICKERING TOWN ON L1W 1A2	ESE/57.7	-0.32	77
22	GEN	PICKERING HARBOUR COMPANY LIMITED 30-751	1295 WHARF STREET PICKERING ON L1W 1A2	ESE/57.7	-0.32	78
22	GEN	PICKERING HARBOUR COMPANY LTD., THE	1295 WHARF STREET PICKERING ON L1W 1A2	ESE/57.7	-0.32	78
22	SCT	High Tech-Matic Controls Ltd.	1295 Wharf St Unit 46 Pickering ON L1W 1A2	ESE/57.7	-0.32	78
22	SCT	HTC Electric	1295 Wharf St Pickering ON L1W 1A2	ESE/57.7	-0.32	79

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	79
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	80
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON	ESE/57.7	-0.32	80
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	80
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	80
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 16A PICKERING ON L1W1A3	ESE/57.7	-0.32	81
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 16A PICKERING ON L1W1A3	ESE/57.7	-0.32	81
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	81
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 19 PICKERING ON L1W1A3	ESE/57.7	-0.32	81
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	82
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 19 PICKERING ON L1W1A3	ESE/57.7	-0.32	82
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	ESE/57.7	-0.32	82
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	82

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	ESE/57.7	-0.32	83
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	83
22	GEN	1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	ESE/57.7	-0.32	83
22	GEN	NEXTOF SKIN	1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	ESE/57.7	-0.32	84
23	PINC	PIPELINE HIT - 1"	631 LIVERPOOL ROAD,,PICKERING,ON, L1W 1R1,CA ON	ESE/80.8	0.00	84
23	SPL	Enbridge Gas Distribution Inc.	631 Liverpool Road Pickering ON	ESE/80.8	0.00	84
24	WWIS		673 FRONT RD. Pickering ON Well ID: 7172823	WNW/92.6	-1.07	85
25	WWIS		619 LIVERPOOL ROAD PICKERING ON Well ID: 1917068	ESE/99.7	0.00	87
26	PES	GREEN ACRES LAWN CARE	668 PLEASANT ST PICKERING ON L1W1P7	NW/103.3	0.21	89
27	SCT	ALPHA POWER PRODUCTS	680 FRONT RD PICKERING ON L1W 1N8	W/114.3	-3.34	89
27	GEN	SHAMROCK MARINE	680 FRONT ROAD PICKERING ON L1W 1N8	W/114.3	-3.34	89
28	WWIS		lot 22 con 3 ON Well ID: 4601886	NE/123.8	-0.44	89
29	WWIS		lot 23 con 3 ON Well ID: 4601887	SE/127.3	-1.16	92

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
30	WWIS		643 ANNLAND ST. PICKERING ON <i>Well ID: 7233481</i>	ENE/148.8	-3.27	95
31	WWIS		1279 Commerce St Pickering ON <i>Well ID: 7360425</i>	WNW/149.8	-1.12	98
32	SCT	Eavestrough Specialties Inc.	695 Liverpool Rd Pickering ON L1W 1R6	NNE/150.0	0.00	101
33	EHS		1279 and 1281 Commerce Street Pickering ON L1W 1C7	WNW/159.3	-0.91	101
34	PINC	ENBRIDGE GAS INC	1311 COMMERCE ST.,PICKERING,ON, L1W 1E1,CA ON	NE/187.0	0.00	101
35	RSC	ALLAN CAMERON	715 LIVERPOOL ROAD, PICKERING, ON L1W 1R8 Pickering ON	N/225.1	0.94	102
36	WWIS		591 LIVERPOOL RD. PICKERING ON <i>Well ID: 7294341</i>	SE/228.1	-3.91	103
37	INC		690 Front Road, Pickering ON	WNW/234.3	-3.79	106
38	RSC	Lee Gray and Jane Gray	692 FRONT RD, PICKERING, ON, L1W 1N8 PICKERING ON L1W 1N8	WNW/241.3	-2.82	106
39	PES	LAWN RANGERS - DON MILLS	1250 ILONA PARK ROAD PICKERING ON L1W 1E4	NW/241.9	1.00	107
40	RST	SWANS YACHT SALES	590 LIVERPOOL RD PICKERING ON L1W 1P9	SE/244.2	-4.00	107
40	RST	SWANS YACHT SALES	590 LIVERPOOL RD PICKERING ON L1W1P9	SE/244.2	-4.00	107
40	EHS		590 Liverpool Road Pickering ON L1W 1P9	SE/244.2	-4.00	108

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
41	WWIS		595 LIVERPOOL RD ON <i>Well ID: 7266985</i>	ESE/247.8	-4.00	108
42	CA	Liverpool Road Pumping Station	595 Liverpool Road South Pickering ON	ESE/248.4	-4.00	111
42	ECA	The Regional Municipality of Durham	595 Liverpool Road South Pickering ON L1N 1C4	ESE/248.4	-4.00	111
43	EHS		Liverpool Road Pickering ON	ESE/249.4	-4.00	112
44	WWIS		ON <i>Well ID: 7162778</i>	E/250.5	-4.00	112
45	BORE		ON	ESE/252.7	-4.00	113
46	RSC	Fairport Inc.	NO MUNICIPAL ADDRESS, PICKERING ON	WNW/270.8	-4.80	115
47	WWIS		WHARF ST PICKERING ON <i>Well ID: 7159904</i>	ENE/276.6	-2.93	115
48	EHS		747 Liverpool Road Pickering ON	NNE/289.2	1.91	118
49	BORE		ON	ESE/293.9	-4.00	118
50	BORE		ON	ESE/295.0	-4.00	120
51	CA	COOLWATER FARMS LTD.	591 LIVERPOOL RD. PICKERING TOWN ON L1W 1R1	SE/296.8	-4.00	121
51	SCT	COOLWATER FARMS LTD.	591 LIVERPOOL RD PICKERING ON L1W 1R1	SE/296.8	-4.00	121

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
51	CA	COOLWATER FARMS LTD.	591 LIVERPOOL RD. PICKERING TOWN ON L1W 1R1	SE/296.8	-4.00	122
51	GEN	COOLWATER FARMS LIMITED	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	122
51	GEN	COOLWATER/3444309 CANADA INC.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	122
51	GEN	COOLWATER	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	123
51	SCT	Hy-Plant Watering Systems Inc.	591 Liverpool Rd Pickering ON L1W 1R1	SE/296.8	-4.00	123
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	123
51	RST	FRENCHMAN'S BAY MARINA	591 LIVERPOOL RD PICKERING ON L1W 1R1	SE/296.8	-4.00	124
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	124
51	GEN	Frenchman+s Bay Marina	591 Liverpool Road Pickering ON L1W 1R1	SE/296.8	-4.00	124
51	EHS		Frenchman's Bay, 591 Liverpool Rd Pickering ON L1W 1R1	SE/296.8	-4.00	125
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	125
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	125
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	126

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
51	RST	FRENCHMAN'S BAY MARINA	591 LIVERPOOL RD PICKERING ON L1W1R1	SE/296.8	-4.00	126
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON	SE/296.8	-4.00	126
51	SPL	Ontario Power Generation Inc.	591 Liverpool Road Pickering ON	SE/296.8	-4.00	127
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	127
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	128
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	128
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	128
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	129
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	129
51	GEN	THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	SE/296.8	-4.00	130

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	252.7	<u>45</u>
	ON	293.9	<u>49</u>
	ON	295.0	<u>50</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 5 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
R.M. OF DURHAM	WHARF ST./LIVERPOOL RD. PICKERING TOWN ON	1.0	<u>10</u>
PICKERING HARBOUR COMPANY LIMITED	1295 WHARF STREET PICKERING TOWN ON L1W 1A2	57.7	<u>22</u>
Liverpool Road Pumping Station	595 Liverpool Road South Pickering ON	248.4	<u>42</u>
COOLWATER FARMS LTD.	591 LIVERPOOL RD. PICKERING TOWN ON L1W 1R1	296.8	<u>51</u>
COOLWATER FARMS LTD.	591 LIVERPOOL RD. PICKERING TOWN ON L1W 1R1	296.8	<u>51</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Feb 28, 2022 has found that there are 10 DTNK site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING L1W 1R2 ON CA ON	0.0	<u>6</u>
KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING ON	0.0	<u>6</u>
KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING ON	0.0	<u>6</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON	56.9	<u>21</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON	56.9	<u>21</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON L1W 1A2	56.9	<u>21</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	<u>21</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	<u>21</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	<u>21</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	21

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Apr 30, 2022 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Regional Municipality of Durham	595 Liverpool Road South Pickering ON L1N 1C4	248.4	42

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 9 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1280 Wharf St Pickering ON L1W1A3	0.0	1
	1283 Wharf St Pickering ON L1W1A2	27.9	16
	631 Liverpool Road Pickering ON L1W 1R1	55.9	20
	1289 Wharf St Pickering ON L1W 1A2	56.9	21
	1279 and 1281 Commerce Street Pickering ON L1W 1C7	159.3	33
	590 Liverpool Road Pickering ON L1W 1P9	244.2	40

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Liverpool Road Pickering ON	249.4	43
	747 Liverpool Road Pickering ON	289.2	48
	Frenchman's Bay, 591 Liverpool Rd Pickering ON L1W 1R1	296.8	51

FST - Fuel Storage Tank

A search of the FST database, dated Feb 28, 2022 has found that there are 5 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD PICKERING L1W 1R2 ON CA ON	0.0	8
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	21
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	21
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	21
WHARF ST MARINA LTD	1289 WHARF ST PICKERING L1W 1A2 ON CA ON	56.9	21

FSTH - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010* has found that there are 1 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WHARF ST MARINA LTD	1289 WHARF ST PICKERING ON L1W 1A2	56.9	<u>21</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 56 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
RB Morgan Construction Ltd.	1290 Wharf Street Pickering ON L1W 1A3	0.0	<u>5</u>
RB Morgan Construction Ltd.	1290 Wharf Street Pickering ON L1W 1A3	0.0	<u>5</u>
KEITH AVIS HAULAGE LTD.	640 LIVERPOOL ROAD SOUTH C/O 595 ANNLAND STREET PICKERING ON L1W 1A6	0.0	<u>6</u>
KEITH AVIS HAULAGE LTD.	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
KEITH AVIS HAULAGE LTD. 23-355	640 LIVERPOOL ROAD SOUTH C/O 595 ANNLAND STREET PICKERING ON L1W 1A6	0.0	<u>6</u>
KEITH AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>6</u>
JOHN AVIS HAULAGE LIMITED	640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	0.0	<u>8</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>

Site	Address	Distance (m)	Map Key
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 16A PICKERING ON L1W1A3	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 16A PICKERING ON L1W1A3	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 19 PICKERING ON L1W1A3	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 19 PICKERING ON L1W1A3	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	57.7	<u>22</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
NEXTOF SKIN	1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	57.7	<u>22</u>
PICKERING HARBOUR COMPANY LIMITED 30-751	1295 WHARF STREET PICKERING ON L1W 1A2	57.7	<u>22</u>
PICKERING HARBOUR COMPANY LTD., THE	1295 WHARF STREET PICKERING ON L1W 1A2	57.7	<u>22</u>
1239510 Ontario Incorporated	1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	57.7	<u>22</u>
SHAMROCK MARINE	680 FRONT ROAD PICKERING ON L1W 1N8	114.3	<u>27</u>
COOLWATER FARMS LIMITED	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	<u>51</u>
COOLWATER/3444309 CANADA INC.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	<u>51</u>
COOLWATER	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	<u>51</u>
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	<u>51</u>

Site	Address	Distance (m)	Map Key
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
Frenchman+s Bay Marina	591 Liverpool Road Pickering ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
THE PICKERING HARBOUR COMPANY LTD.	591 LIVERPOOL ROAD PICKERING ON L1W 1R1	296.8	51

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1288 WHARF STREET PICKERING ON L1W 1A3	0.0	9

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	690 Front Road, Pickering ON	234.3	37

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Apr 30, 2022 has found that there are 2 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GREEN ACRES LAWN CARE	668 PLEASANT ST PICKERING ON L1W1P7	103.3	26
LAWN RANGERS - DON MILLS	1250 ILONA PARK ROAD PICKERING ON L1W 1E4	241.9	39

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 6 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	641 Liverpool Road, Pickering ON	26.4	14
	649 Liverpool Road.Pickering ON	27.5	15
DXPERT	663 FRONT RD,,PICKERING,ON,L1W 1N9, CA ON	32.5	17
PIPELINE HIT - 1/2"	663 FRONT RD,,PICKERING,ON,L1W 1N9, CA ON	32.5	17
PIPELINE HIT - 1"	631 LIVERPOOL ROAD,,PICKERING,ON, L1W 1R1,CA ON	80.8	23
ENBRIDGE GAS INC	1311 COMMERCE ST,,PICKERING,ON,L1W 1E1,CA ON	187.0	34

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
KEITH AVIS HAULAGE LTD	640 LIVERPOOL RD S PICKERING ON L1W 1R2	0.0	6

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Jun 2022 has found that there are 5 RSC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2643970 ONTARIO INC.	1294 WHARF STREET, PICKERING, ON L1W 1A2 Pickering ON	0.0	7

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2388116 ONTARIO INC.	1276 WHARF STREET, PICKERING, ON L1W 1A2 Pickering ON	13.2	12
ALLAN CAMERON	715 LIVERPOOL ROAD, PICKERING, ON L1W 1R8 Pickering ON	225.1	35
Lee Gray and Jane Gray	692 FRONT RD, PICKERING, ON, L1W 1N8 PICKERING ON L1W 1N8	241.3	38
Fairport Inc.	NO MUNICIPAL ADDRESS, PICKERING ON	270.8	46

RST - Retail Fuel Storage Tanks

A search of the RST database, dated 1999-May 31, 2022 has found that there are 6 RST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WHARF STREET MARINA LTD	1289 WHARF ST PICKERING ON L1W1A2	56.9	21
WHARF STREET MARINA LTD	1289 WHARF ST PICKERING ON L1W 1A2	56.9	21
SWANS YACHT SALES	590 LIVERPOOL RD PICKERING ON L1W 1P9	244.2	40
SWANS YACHT SALES	590 LIVERPOOL RD PICKERING ON L1W1P9	244.2	40
FRENCHMAN'S BAY MARINA	591 LIVERPOOL RD PICKERING ON L1W1R1	296.8	51

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FRENCHMAN'S BAY MARINA	591 LIVERPOOL RD PICKERING ON L1W 1R1	296.8	51

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 8 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
NORTHERN YACHT LIMITED	1278 WHARF ST PICKERING ON L1W 1A3	13.0	11
Stelray Boats	641 Liverpool Rd Pickering ON L1W 1R3	26.4	14
High Tech-Matic Controls Ltd.	1295 Wharf St Unit 46 Pickering ON L1W 1A2	57.7	22
HTC Electric	1295 Wharf St Pickering ON L1W 1A2	57.7	22
ALPHA POWER PRODUCTS	680 FRONT RD PICKERING ON L1W 1N8	114.3	27
Eavestrough Specialties Inc.	695 Liverpool Rd Pickering ON L1W 1R6	150.0	32
Hy-Plant Watering Systems Inc.	591 Liverpool Rd Pickering ON L1W 1R1	296.8	51
COOLWATER FARMS LTD.	591 LIVERPOOL RD PICKERING ON L1W 1R1	296.8	51

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 5 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	663 Front Road Pickering ON	32.5	<u>17</u>
Enbridge Gas Distribution Inc.	663 Front Road Pickering ON	32.5	<u>17</u>
s.21	1289 Wharf St Pickering ON L1W 1A2	56.9	<u>21</u>
Enbridge Gas Distribution Inc.	631 Liverpool Road Pickering ON	80.8	<u>23</u>
Ontario Power Generation Inc.	591 Liverpool Road Pickering ON	296.8	<u>51</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Jan 31, 2022 has found that there are 16 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1280 WHARF STREET PICKERING ON <i>Well ID: 7265179</i>	0.0	<u>2</u>
	1280 WHARF STREET PICKERING ON <i>Well ID: 7265178</i>	0.0	<u>3</u>
	1280 WHARF STREET PICKERING ON <i>Well ID: 7265177</i>	0.0	<u>4</u>
	ON <i>Well ID: 7228311</i>	21.4	<u>13</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1283 WHARF ST PICKERING ON <i>Well ID: 7261330</i>	33.2	<u>18</u>
	lot 23 con 3 ON <i>Well ID: 1907327</i>	33.9	<u>19</u>
	673 FRONT RD. Pickering ON <i>Well ID: 7172823</i>	92.6	<u>24</u>
	619 LIVERPOOL ROAD PICKERING ON <i>Well ID: 1917068</i>	99.7	<u>25</u>
	lot 22 con 3 ON <i>Well ID: 4601886</i>	123.8	<u>28</u>
	lot 23 con 3 ON <i>Well ID: 4601887</i>	127.3	<u>29</u>
	643 ANNLAND ST. PICKERING ON <i>Well ID: 7233481</i>	148.8	<u>30</u>
	1279 Commerce St Pickering ON <i>Well ID: 7360425</i>	149.8	<u>31</u>
	591 LIVERPOOL RD. PICKERING ON <i>Well ID: 7294341</i>	228.1	<u>36</u>
	595 LIVERPOOL RD ON <i>Well ID: 7266985</i>	247.8	<u>41</u>
	ON <i>Well ID: 7162778</i>	250.5	<u>44</u>
	WHARF ST PICKERING ON	276.6	<u>47</u>

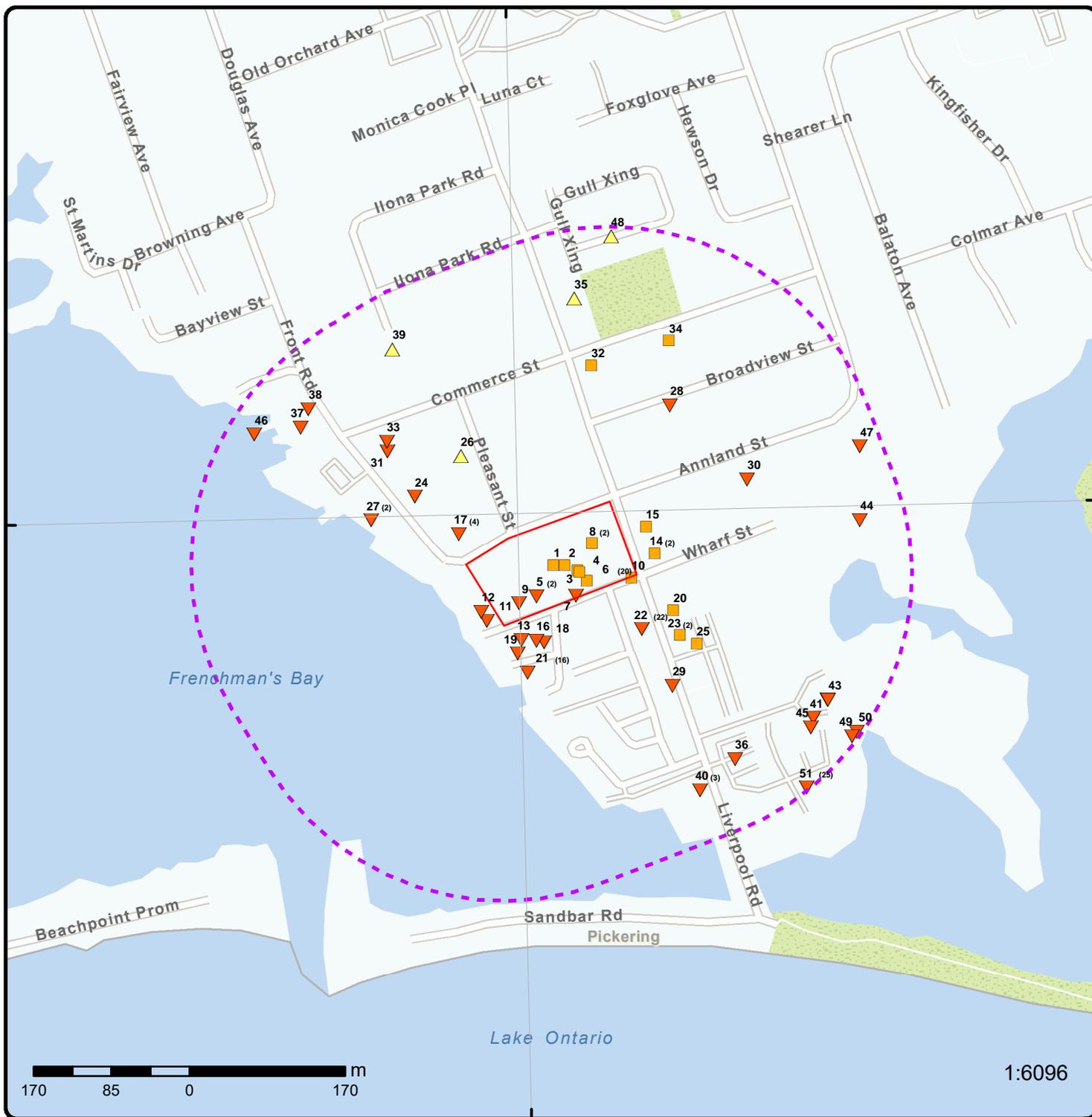
Site

Address

Distance (m)

Map Key

Well ID: 7159904



Map: 0.3 Kilometer Radius

Order Number: 22071900397

Address: 640 Liverpool Road, 1280, 1288, 1290, 1292, 1294 Wharf Street, 607 & 609 Annland Street, Pickering, ON



Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
Eris Sites with Same Elevation	Local Road	Military Base	Park (National)
Eris Sites with Lower Elevation	Service Road; Traffic Circle; Ramp	Aircraft Roads	Park (City/County)
Eris Sites with Unknown Elevation	Rail	Native Reservation	Hospital



Aerial Year: 2021

Order Number: 22071900397

Address: 640 Liverpool Road, 1280, 1288, 1290, 1292, 1294 Wharf Street, 607 &  Pic

Source: ESRI World Imagery

© ERIS Information Limited Partnership

79°6'W

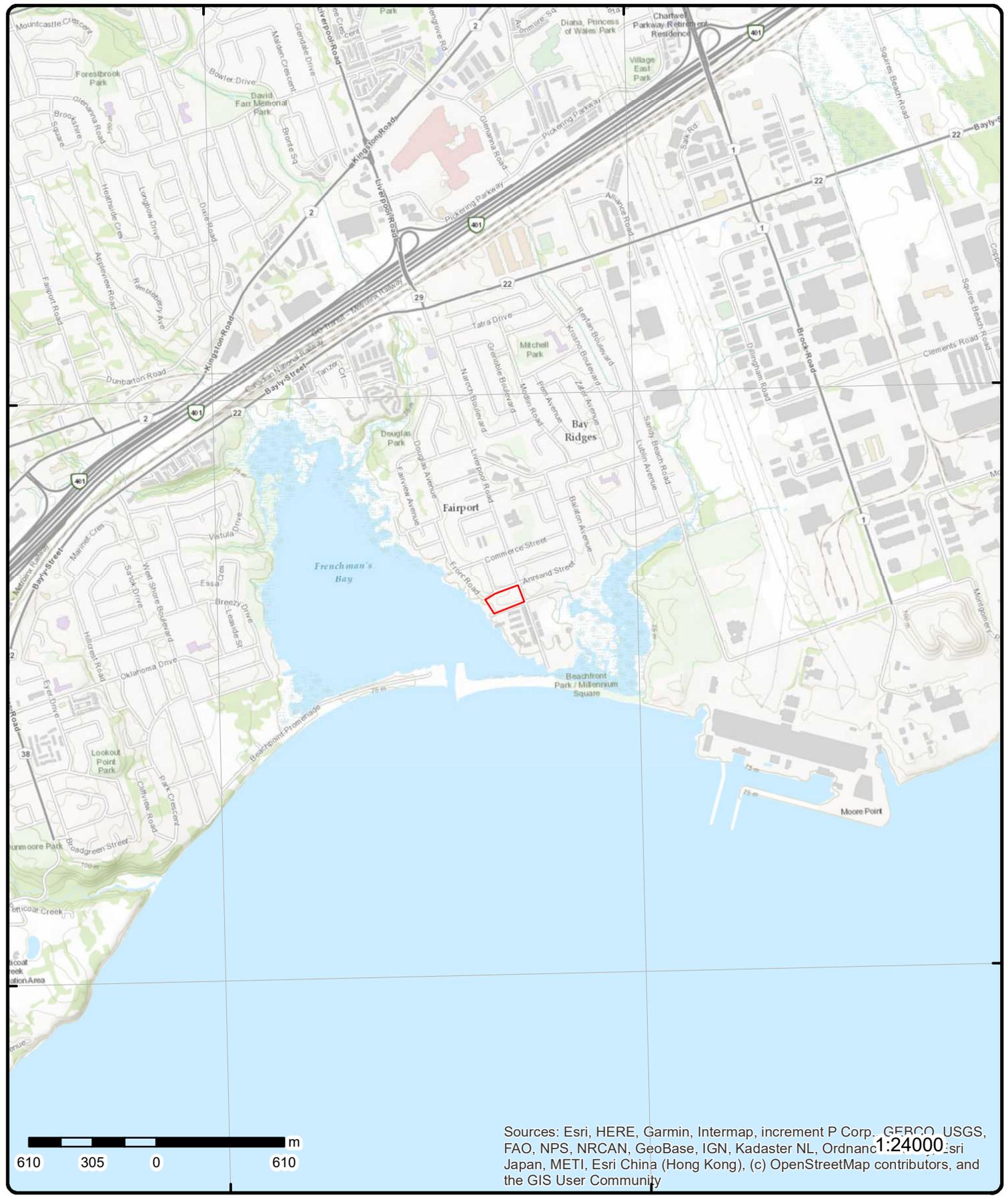
79°43'W

43°49'30"N

43°49'30"N

43°48'N

43°48'N



Topographic Map

Order Number: 22071900397

Address: 640 Liverpool Road, 1280, 1288, 1290, 1292, 1294 Wharf Street, 607 &



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

ON

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SW/0.0	79.8 / 0.00	1280 Wharf St Pickering ON L1W1A3	EHS
Order No: 20160114057 Status: C Report Type: Standard Report Report Date: 19-JAN-16 Date Received: 14-JAN-16 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.08294 Y: 43.816154			

<u>2</u>	1 of 1	E/0.0	79.8 / 0.00	1280 WHARF STREET PICKERING ON	WWIS
Well ID: 7265179 Construction Date: Use 1st: Monitoring and Test Hole Use 2nd: 0 Final Well Status: Monitoring and Test Hole Water Type: Casing Material: Audit No: Z233278 Tag: A185134 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: PICKERING TOWN Site Info: WKQ-009013 A0-A02		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 17-Jun-2016 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: County: DURHAM Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/05/20
Year Completed: 2016
Depth (m): 6.096
Latitude: 43.8161525297978
Longitude: -79.082786094264
Path:

Bore Hole Information

Bore Hole ID: 1006064678
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	654186.00
Code OB Desc:				North83:	4853240.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	20-May-2016 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1006121212
Layer: 2
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 2.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1006121213
Layer: 3
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 12.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1006121211
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006121229		
Layer:			3		
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006121227		
Layer:			1		
Plug From:			20.0		
Plug To:			9.0		
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006121228		
Layer:			2		
Plug From:			9.0		
Plug To:			0.0		
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:			1006121223		
Method Construction Code:			D		
Method Construction:			Direct Push		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			1006121209		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1006121219		
Layer:			1		
Material:			5		
Open Hole or Material:			PLASTIC		
Depth From:			0.0		
Depth To:			10.0		
Casing Diameter:			2.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Screen</u>					
Screen ID:			1006121220		
Layer:			1		
Slot:			.10		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.25			
<u>Water Details</u>					
Water ID:		1006121218			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006121215			
Diameter:		6.0			
Depth From:		0.0			
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1006064678			Tag No:	A185134
Depth M:	6.096			Contractor:	7241
Year Completed:	2016			Path:	
Well Completed Dt:	2016/05/20			Latitude:	43.8161525297978
Audit No:	Z233278			Longitude:	-79.082786094264

3	1 of 1	ESE/0.0	79.8 / 0.00	1280 WHARF STREET PICKERING ON	WWIS
Well ID:	7265178			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Monitoring and Test Hole			Date Received:	17-Jun-2016 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z233277			Contractor:	7241
Tag:	A184874			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:	WKQ-009013 A0-A02				
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		2016/05/20			
Year Completed:		2016			
Depth (m):		6.096			
Latitude:		43.8160956174193			
Longitude:		-79.0826138368544			
Path:					

Bore Hole Information

Bore Hole ID:	1006064675	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654200.00
Code OB Desc:		North83:	4853234.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	20-May-2016 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006121150
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1006121152
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	34
Mat3 Desc:	TILL
Formation Top Depth:	11.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1006121151			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		34			
Mat3 Desc:		TILL			
Formation Top Depth:		2.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006121161			
Layer:		2			
Plug From:		9.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006121162			
Layer:		3			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006121160			
Layer:		1			
Plug From:		20.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006121159			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006121149			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006121155			
Layer:		1			
Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Construction Record - Screen

Screen ID:	1006121156
Layer:	1
Slot:	.10
Screen Top Depth:	10.0
Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Water Details

Water ID:	1006121154
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006121153
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Links

Bore Hole ID:	1006064675	Tag No:	A184874
Depth M:	6.096	Contractor:	7241
Year Completed:	2016	Path:	
Well Completed Dt:	2016/05/20	Latitude:	43.8160956174193
Audit No:	Z233277	Longitude:	-79.0826138368544

4

1 of 1

ESE/0.0

79.8 / 0.00

1280 WHARF STREET
PICKERING ON

WWIS

Well ID:	7265177
Construction Date:	
Use 1st:	Monitoring and Test Hole
Use 2nd:	0
Final Well Status:	Monitoring and Test Hole
Water Type:	
Casing Material:	
Audit No:	Z233279
Tag:	A184909
Constructn Method:	
Elevation (m):	
Elevatn Reliabilty:	
Depth to Bedrock:	

Flowing (Y/N):	
Flow Rate:	
Data Entry Status:	
Data Src:	
Date Received:	17-Jun-2016 00:00:00
Selected Flag:	TRUE
Abandonment Rec:	
Contractor:	7241
Form Version:	7
Owner:	
County:	DURHAM
Lot:	
Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		PICKERING TOWN WKQ-0090013 A0-A02		Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		2016/05/20 2016 6.096 43.8160772027727 -79.082589557877			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		1006064672		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	
				17 654202.00 4853232.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		1006121119 1 6 BROWN 28 SAND 11 GRAVEL 0.0 2.0 ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1:		1006121120 2 6 BROWN 05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		34			
Mat3 Desc:		TILL			
Formation Top Depth:		2.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006121121			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		34			
Mat3 Desc:		TILL			
Formation Top Depth:		11.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006121131			
Layer:		3			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006121130			
Layer:		2			
Plug From:		9.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006121129			
Layer:		1			
Plug From:		20.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1006121128			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pipe Information

Pipe ID: 1006121118
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006121124
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006121125
Layer: 1
Slot: .10
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.25

Water Details

Water ID: 1006121123
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006121122
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID:	1006064672	Tag No:	A184909
Depth M:	6.096	Contractor:	7241
Year Completed:	2016	Path:	
Well Completed Dt:	2016/05/20	Latitude:	43.8160772027727
Audit No:	Z233279	Longitude:	-79.082589557877

[5](#)

1 of 2

SW/0.0

78.6 / -1.28

RB Morgan Construction Ltd.
1290 Wharf Street
Pickering ON L1W 1A3

GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON5220700 SIC Code: 232290 SIC Description: OTHER BUILDING STRUCTURE WORK Approval Years: 2015 PO Box No: Country: Canada					
Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contam. Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
Waste Class: 221 Waste Class Desc: LIGHT FUELS					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
<u>5</u>	2 of 2	SW/0.0	78.6 / -1.28	RB Morgan Construction Ltd. 1290 Wharf Street Pickering ON L1W 1A3	GEN
Generator No: ON5220700 SIC Code: 232290 SIC Description: OTHER BUILDING STRUCTURE WORK Approval Years: 2014 PO Box No: Country: Canada					
Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contam. Facility: No MHSW Facility: No					
Detail(s)					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 221 Waste Class Desc: LIGHT FUELS					
<u>6</u>	1 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD 640 LIVERPOOL RD S PICKERING ON L1W 1R2	PRT
Location ID: 11774 Type: private Expiry Date: Capacity (L): 13638.00 Licence #: 0001001095					
<u>6</u>	2 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD. 640 LIVERPOOL ROAD SOUTH C/O 595 ANNLAND STREET PICKERING ON L1W 1A6	GEN
Generator No: ON1098900 SIC Code: 0000 SIC Description: *** NOT DEFINED *** Approval Years: 88,89,90 PO Box No:					
Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	3 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD. 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:		ON1098900		Status:	
SIC Code:		4564		Co Admin:	
SIC Description:		BULK DRY TRUCKING		Choice of Contact:	
Approval Years:		92,93,97,98		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	4 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD. 23-355 640 LIVERPOOL ROAD SOUTH C/O 595 ANNLAND STREET PICKERING ON L1W 1A6	GEN
Generator No:		ON1098900		Status:	
SIC Code:		4564		Co Admin:	
SIC Description:		BULK DRY TRUCKING		Choice of Contact:	
Approval Years:		94,95,96		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	5 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:		ON1098900		Status:	
SIC Code:		4564		Co Admin:	
SIC Description:		BULK DRY TRUCKING		Choice of Contact:	
Approval Years:		99,00,01		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	6 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON1098900			Status:	
SIC Code:	484229			Co Admin:	
SIC Description:	Other Specialized Freight (except Used Goods) Trucking Local			Choice of Contact:	
Approval Years:	04,05,06,07,08			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	

Detail(s)

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

6	7 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD 640 LIVERPOOL RD PICKERING ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	9209485	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:	378180	Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:	Fuels Safety Private Fuel Outlet - Self Serve		
Original Source:	EXP		
Record Date:	Up to Mar 2012		

6	8 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD 640 LIVERPOOL RD PICKERING ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	10923017	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance ID:	52848			Facility Location:	
Instance Type:	FS Piping			Facility Type:	
Instance Creation Dt:				Fuel Type 2:	
Instance Install Dt:				Fuel Type 3:	
Item Description:				Panam Related:	
Manufacturer:				Panam Venue Nm:	
Model:				External Identifier:	
Serial No:				Item:	
ULC Standard:				Piping Steel:	
Quantity:				Piping Galvanized:	
Unit of Measure:				Tank Single Wall St:	
Overfill Prot Type:				Piping Underground:	
Creation Date:				Tank Underground:	
Next Periodic Str DT:				Source:	
TSSA Base Sched Cycle 2:					
TSSAMax Hazard Rank 1:					
TSSA Risk Based Periodic Yn:					
TSSA Volume of Directives:					
TSSA Periodic Exempt:					
TSSA Statutory Interval:					
TSSA Recd Insp Interva:					
TSSA Recd Tolerance:					
TSSA Program Area:					
TSSA Program Area 2:					
Description:		FS Piping			
Original Source:		EXP			
Record Date:		Up to Mar 2012			

6	9 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	
SIC Code:	484229			Co Admin:	
SIC Description:	Other Specialized Freight (except Used Goods) Trucking Local			Choice of Contact:	
Approval Years:	2009			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

6	10 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	
SIC Code:	484229			Co Admin:	
SIC Description:	Other Specialized Freight (except Used Goods) Trucking Local			Choice of Contact:	
Approval Years:	2010			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	11 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:		ON1098900		Status:	
SIC Code:		484229		Co Admin:	
SIC Description:		Other Specialized Freight (except Used Goods) Trucking Local		Choice of Contact:	
Approval Years:		2011		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	12 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:		ON1098900		Status:	
SIC Code:		484229		Co Admin:	
SIC Description:		Other Specialized Freight (except Used Goods) Trucking Local		Choice of Contact:	
Approval Years:		2012		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	13 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON	GEN
Generator No:		ON1098900		Status:	
SIC Code:		484229		Co Admin:	
SIC Description:		OTHER SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL		Choice of Contact:	
Approval Years:		2013		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	14 of 20	ESE/0.0	79.8 / 0.00	KEITH AVIS HAULAGE LTD 640 LIVERPOOL RD PICKERING L1W 1R2 ON CA ON	DTNK

**Delisted Expired Fuel Safety
Facilities**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No:	10923008			Expired Date:	
Status:	EXPIRED			Max Hazard Rank:	NULL
Instance ID:				Facility Location:	640 LIVERPOOL RD PICKERING L1W 1R2 ON CA
Instance Type:				Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	12/19/1989			Fuel Type 2:	NULL
Instance Install Dt:	12/19/1989			Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank			Panam Related:	NULL
Manufacturer:	NULL			Panam Venue Nm:	NULL
Model:	NULL			External Identifier:	NULL
Serial No:	NULL			Item:	
ULC Standard:	NULL			Piping Steel:	
Quantity:	1			Piping Galvanized:	
Unit of Measure:	EA			Tank Single Wall St:	
Overfill Prot Type:	NULL			Piping Underground:	
Creation Date:	7/5/2009 1:22:13 AM			Tank Underground:	
Next Periodic Str DT:	NULL			Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL				
TSSAMax Hazard Rank 1:	NULL				
TSSA Risk Based Periodic Yn:	NULL				
TSSA Volume of Directives:	NULL				
TSSA Periodic Exempt:	NULL				
TSSA Statutory Interval:	NULL				
TSSA Recd Insp Interva:	NULL				
TSSA Recd Tolerance:	NULL				
TSSA Program Area:	NULL				
TSSA Program Area 2:	NULL				
Description:	UNDERGROUND TANK				
Original Source:	EXP				
Record Date:	31-JUL-2020				

<u>6</u>	15 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	
SIC Code:	484229			Co Admin:	
SIC Description:	OTHER SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Phone No Admin:	No
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
Detail(s)					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				

<u>6</u>	16 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	
SIC Code:	484229			Co Admin:	
SIC Description:	OTHER SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL			Choice of Contact:	CO_OFFICIAL
Approval Years:	2015			Phone No Admin:	No
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
Detail(s)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	17 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	
SIC Code:	484229			Co Admin:	
SIC Description:	OTHER SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LOCAL			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
6	18 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
6	19 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Jul 2020			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
6	20 of 20	ESE/0.0	79.8 / 0.00	JOHN AVIS HAULAGE LIMITED 640 LIVERPOOL ROAD SOUTH PICKERING ON L1W 1R2	GEN
Generator No:	ON1098900			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Feb 2022			Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PO Box No: Country:	Canada			Contam. Facility: MHSW Facility:	
Detail(s)					
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants				

<u>7</u>	1 of 1	SE/0.0	79.4 / -0.47	2643970 ONTARIO INC. 1294 WHARF STREET, PICKERING, ON L1W 1A2 Pickering ON	RSC
RSC ID:	224841			Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:	Phase 1 and 2 RSC			Intended Prop Use:	Residential
Curr Property Use:	Commercial			Qual Person Name:	PETER ROBERTS
Ministry District:	York-Durham District Office			Stratified (Y/N):	
Filing Date:	2018/08/22			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect 1686:					
Asmt Roll No:	0102002525100000007, 0102002524800000003, 0102002524300000004, 0102002524900000001, 0102002525000000009, 0102002524700000005				
Prop ID No (PIN):	26319-0620 (LT), 26319-0616 (LT), 26319-0619 (LT), 26319-0617 (LT), 26319-0618 (LT), 26319-0613 (LT)				
Property Municipal Address:	607 ANNLAND, PICKERING, ON L1W 1A6, 1292 WHARF STREET, PICKERING, ON L1W 1A2, 1280 WHARF STREET, PICKERING, ON L1W 1A2, 1288 WHARF STREET, PICKERING, ON L1W 1A2, 1294 WHARF STREET, PICKERING, ON L1W 1A2, 1290 WHARF STREET, PICKERING, ON L1W 1A2				
Mailing Address:					
Latitude & Latitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100899&fileName=BROWNFIELDS-E.pdf				

Document(s) Detail

Document Heading:	Supporting Documents
Document Name:	APEC Table.pdf
Document Type:	Area(s) of Potential Environmental Concern
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100908&fileName=APEC+Table.pdf
Document Heading:	Supporting Documents
Document Name:	ON874902.pdf
Document Type:	Certificate of Status
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100905&fileName=ON874902.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Heading:		Supporting Documents			
Document Name:		DR1716896-41.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100906&fileName=DR1716896-41.pdf			
Document Heading:		Supporting Documents			
Document Name:		Phase Two CSM 1280 Wharf St.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100901&fileName=Phase+Two+CSM+1280+Wharf+St.pdf			
Document Heading:		Supporting Documents			
Document Name:		LawyerLetter.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=102749&fileName=LawyerLetter.pdf			
Document Heading:		Supporting Documents			
Document Name:		103341-001 Legal Survey.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100903&fileName=103341-001+Legal+Survey.pdf			
Document Heading:		Supporting Documents			
Document Name:		T of P n C Site Uses.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=100902&fileName=T+of+P+n+C+Site+Uses.pdf			

8 1 of 2 ENE/0.0 79.8 / 0.00 KEITH AVIS HAULAGE LTD
640 LIVERPOOL RD PICKERING L1W 1R2 ON CA FST
ON

Instance No:	10923008	Manufacturer:	
Status:		Serial No:	
Cont Name:		Ulc Standard:	
Instance Type:		Quantity:	
Item:		Unit of Measure:	
Item Description:	FS Liquid Fuel Tank	Fuel Type:	Diesel
Tank Type:	Liquid Fuel Single Wall UST	Fuel Type2:	NULL
Install Date:	12/19/1989	Fuel Type3:	NULL
Install Year:	NULL	Piping Steel:	
Years in Service:		Piping Galvanized:	
Model:	NULL	Tanks Single Wall St:	
Description:		Piping Underground:	
Capacity:	13638	No Underground:	
Tank Material:	Steel	Panam Related:	
Corrosion Protect:	Coating	Panam Venue:	
Overfill Protect:			
Facility Type:	FS Liquid Fuel Tank		
Parent Facility Type:			
Facility Location:			
Device Installed Location:	640 LIVERPOOL RD PICKERING L1W 1R2 ON CA		

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: KEITH AVIS HAULAGE LTD
Item: FS LIQUID FUEL TANK

8 2 of 2 ENE/0.0 79.8 / 0.00 JOHN AVIS HAULAGE LIMITED
640 LIVERPOOL ROAD SOUTH GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PICKERING ON L1W 1R2					
Generator No:	ON1098900			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
<u>9</u>	1 of 1	SW/0.0	77.9 / -1.95	1288 WHARF STREET PICKERING ON L1W 1A3	HINC
External File Num:	FS INC 0807-03902				
Fuel Occurrence Type:	Pipeline Strike				
Date of Occurrence:	7/11/2008				
Fuel Type Involved:	Natural Gas				
Status Desc:	Completed - Causal Analysis(End)				
Job Type Desc:	Incident/Near-Miss Occurrence (FS)				
Oper. Type Involved:	Construction Site (pipeline strike)				
Service Interruptions:	No				
Property Damage:	No				
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation				
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:Yes Training:No Management:Yes Human Factors:No				
Reported Details:					
Fuel Category:	Gaseous Fuel				
Occurrence Type:	Incident				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
County Name:	Durham				
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					
<u>10</u>	1 of 1	E/1.0	79.8 / 0.00	R.M. OF DURHAM WHARF ST./LIVERPOOL RD. PICKERING TOWN ON	CA
Certificate #:	7-0817-97-				
Application Year:	97				
Issue Date:	8/19/1997				
Approval Type:	Municipal water				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>11</u>	1 of 1	WSW/13.0	76.9 / -2.99	NORTHERN YACHT LIMITED 1278 WHARF ST	SC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PICKERING ON L1W 1A3					
Established:		1970			
Plant Size (ft²):					
Employment:		3			
--Details--					
Description:		PLASTICS PRODUCTS, N.E.C.			
SIC/NAICS Code:		3089			

12	1 of 1	WSW/13.2	76.9 / -2.97	2388116 ONTARIO INC. 1276 WHARF STREET, PICKERING, ON L1W 1A2 Pickering ON	RSC
RSC ID:	224741			Cert Date:	
RA No:				Cert Prop Use No:	
RSC Type:	Phase 1 RSC			Intended Prop Use:	Residential
Curr Property Use:	Agricultural/Other			Qual Person Name:	PETER ROBERTS
Ministry District:	York-Durham District Office			Stratified (Y/N):	
Filing Date:	2018/07/24			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	
Date Returned:				Accuracy Estimate:	
Restoration Type:				Telephone:	
Soil Type:				Fax:	
Criteria:				Email:	
CPU Issued Sect 1686:					
Asmt Roll No:	180102002525400				
Prop ID No (PIN):	26319-0622 (LT)				
Property Municipal Address:	1276 WHARF STREET, PICKERING, ON L1W 1A2				
Mailing Address:					
Latitude & Latitude:					
UTM Coordinates:					
Consultant:					
Legal Desc:					
Measurement Method:					
Applicable Standards:					
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=99398&fileName=BROWNFIELDS-E.pdf				
<u>Document(s) Detail</u>					
Document Heading:	Supporting Documents				
Document Name:	Phase One CSM 1276 Wharf St.pdf				
Document Type:	Phase 1 Conceptual Site Model				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=99399&fileName=Phase+One+CSM+1276+Wharf+St.pdf				
Document Heading:	Supporting Documents				
Document Name:	Survey.pdf				
Document Type:	A Current plan of Survey				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=101559&fileName=Survey.pdf				
Document Heading:	Supporting Documents				
Document Name:	T of PandC Site Uses - 1276 Wharf St.pdf				
Document Type:	Table of Current and Past Property Use				
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=99405&fileName=T+of+PandC+Site+Uses+--+1276+Wharf+St.pdf				
Document Heading:	Supporting Documents				
Document Name:	transfer 1276 and 1288 Wharf Street.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=99397&fileName=transfer+1276+and+1288+Wharf+Street.pdf			
Document Heading:		Supporting Documents			
Document Name:		ON443482.pdf			
Document Type:		Certificate of Status			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=99402&fileName=ON443482.pdf			
Document Heading:		Supporting Documents			
Document Name:		Lawyer Letter - 1276 Wharf St.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=99400&fileName=Lawyer+Letter+-+1276+Wharf+St.pdf			

13	1 of 1	SSW/21.4	76.9 / -2.92	ON	WWIS
Well ID:	7228311			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	25-Sep-2014 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	C26791			Contractor:	7215
Tag:	A163837			Form Version:	8
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2014/09/03
Year Completed:	2014
Depth (m):	
Latitude:	43.815424432404
Longitude:	-79.08339379908
Path:	

Bore Hole Information

Bore Hole ID:	1005137908	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654139.00
Code OB Desc:		North83:	4853158.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	03-Sep-2014 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
Links					
Bore Hole ID:	1005137908			Tag No:	A163837
Depth M:				Contractor:	7215
Year Completed:	2014			Path:	
Well Completed Dt:	2014/09/03			Latitude:	43.815424432404
Audit No:	C26791			Longitude:	-79.08339379908
14	1 of 2	E/26.4	79.8 / 0.00	Stelray Boats 641 Liverpool Rd Pickering ON L1W 1R3	SCT
Established:	1986				
Plant Size (ft²):					
Employment:	2				
--Details--					
Description:		All Other Plastic Product Manufacturing			
SIC/NAICS Code:		326198			
Description:		Boat Building			
SIC/NAICS Code:		336612			
14	2 of 2	E/26.4	79.8 / 0.00	641 Liverpool Road, Pickering ON	PINC
Incident Id:	2778854			Pipe Material:	Plastic
Incident No:	622206			Fuel Category:	Natural Gas
Incident Reported Dt:				Health Impact:	No
Type:	FS-Pipeline Incident			Environment Impact:	No
Status Code:	Pipeline Damage Reason Est			Property Damage:	Yes
Tank Status:	RC Established			Service Interrupt:	Yes
Task No:	3403763			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	No
Fuel Type:	Natural Gas			Pipeline System:	
Fuel Occurrence Tp:	Pipeline Strike			PSIG:	60
Date of Occurrence:	5/9/2011 0:00			Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/07/19			Regulator Location:	Outside
Depth:				Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:	Construction Site (including excavation)				
Pipeline Type:	Service / Riser Distribution Pipeline				
Regulator Type:	Service Regulator (up to 60 psi intake)				
Summary:	641 Liverpool Road, Pickering - 1/2" Pipeline Hit				
Reported By:	LaLande, Marcel - Enbridge				
Affiliation:	Emergency Services (Fire, Police, etc)				
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:	z				
15	1 of 1	ENE/27.5	79.8 / 0.00	649 Liverpool Road.Pickering ON	PINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Id:	2777062			Pipe Material:	Plastic
Incident No:	620416			Fuel Category:	Natural Gas
Incident Reported Dt:				Health Impact:	No
Type:	FS-Pipeline Incident			Environment Impact:	No
Status Code:	Pipeline Damage Reason Est			Property Damage:	Yes
Tank Status:	RC Established			Service Interrupt:	Yes
Task No:	3399231			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	No
Fuel Type:	Natural Gas			Pipeline System:	
Fuel Occurrence Tp:	Pipeline Strike			PSIG:	60
Date of Occurrence:	7/5/2011 0:00			Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/07/06			Regulator Location:	Outside
Depth:				Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:	Construction Site (including excavation)				
Pipeline Type:	Service / Riser Distribution Pipeline				
Regulator Type:	Service Regulator (up to 60 psi intake)				
Summary:	649 Liverpool Road.Pickering - 1/2" Pipeline Hit				
Reported By:	LaLande, Marcel - Enbridge				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:					
Damage Reason:	Excavation practices not sufficient				
Notes:	z				

16	1 of 1	SSW/27.9	76.9 / -2.93	1283 Wharf St Pickering ON L1W1A2	EHS
Order No:	20140110050			Nearest Intersection:	
Status:	C			Municipality:	Pickering
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	21-JAN-14			Search Radius (km):	.3
Date Received:	10-JAN-14			X:	-79.083189
Previous Site Name:				Y:	43.815415
Lot/Building Size:	907.49 square meters				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				

17	1 of 4	WNW/32.5	78.8 / -1.06	DXPERT 663 FRONT RD,,PICKERING,ON,L1W 1N9,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	1962160			Fuel Category:	
Incident Reported Dt:	10/20/2016			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	DXPERT				
Incident Address:	663 FRONT RD,,PICKERING,ON,L1W 1N9,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Occurrence Desc: Damage Reason: Notes:					
17	2 of 4	WNW/32.5	78.8 / -1.06	Enbridge Gas Distribution Inc. 663 Front Road Pickering ON	SPL
Ref No:	4570-AEVVGW			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	10/19/2016			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	663 Front Road
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Pickering
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	10/19/2016			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	Private Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA- 1/2" Plastic Line Strike, Made Safe, Pickering				
Contaminant Qty:	0 other - see incident description				

17	3 of 4	WNW/32.5	78.8 / -1.06	Enbridge Gas Distribution Inc. 663 Front Road Pickering ON	SPL
Ref No:	8720-AFHRR8			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/11/08			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	663 Front Road
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Pickering
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/11/08			Site Map Datum:	
Dt Document Closed:	2016/12/17			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	Residence<UNOFFICIAL>				
Site County/District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth:					
Incident Summary:		TSSA: 1/2" plastic service line damage, made safe			
Contaminant Qty:		0 other - see incident description			

17	4 of 4	WNW/32.5	78.8 / -1.06	PIPELINE HIT - 1/2" 663 FRONT RD,,PICKERING,ON,L1W 1N9,CA ON	PINC
Incident Id:					
Incident No:		1973180			Pipe Material:
Incident Reported Dt:		11/9/2016			Fuel Category:
Type:		FS-Pipeline Incident			Health Impact:
Status Code:					Environment Impact:
Tank Status:		Pipeline Damage Reason Est			Property Damage:
Task No:					Service Interrupt:
Spills Action Centre:					Enforce Policy:
Fuel Type:					Public Relation:
Fuel Occurrence Tp:					Pipeline System:
Date of Occurrence:					PSIG:
Occurrence Start Dt:					Attribute Category:
Depth:					Regulator Location:
Customer Acct Name:		PIPELINE HIT - 1/2"			Method Details:
Incident Address:		663 FRONT RD,,PICKERING,ON,L1W 1N9,CA			
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

18	1 of 1	S/33.2	77.1 / -2.78	1283 WHARF ST PICKERING ON	WWIS
Well ID:		7261330			Flowing (Y/N):
Construction Date:					Flow Rate:
Use 1st:					Data Entry Status:
Use 2nd:					Data Src:
Final Well Status:		Abandoned-Other			Date Received:
Water Type:					12-Apr-2016 00:00:00
Casing Material:					Selected Flag:
Audit No:		Z200923			TRUE
Tag:		A176387			Abandonment Rec:
Constructn Method:					Yes
Elevation (m):					Contractor:
Elevatn Reliability:					7219
Depth to Bedrock:					Form Version:
Well Depth:					7
Overburden/Bedrock:					Owner:
Pump Rate:					County:
Static Water Level:					DURHAM
Clear/Cloudy:					Lot:
Municipality:		PICKERING TOWN			Concession:
Site Info:					Concession Name:
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7261330.pdf			Easting NAD83:
					Northing NAD83:
					Zone:
					UTM Reliability:

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		2015/04/13			
Year Completed:		2015			
Depth (m):					
Latitude:		43.8153922236114			
Longitude:		-79.0830839779586			
Path:		726\7261330.pdf			

Bore Hole Information

Bore Hole ID:	1005929050	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654164.00
Code OB Desc:		North83:	4853155.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	13-Apr-2015 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006022131
Layer:	1
Plug From:	0.0
Plug To:	14.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006022130
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006022124
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006022128
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	14.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1006022129			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1006022127			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006022126			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1005929050			Tag No:	A176387
Depth M:				Contractor:	7219
Year Completed:	2015			Path:	726\7261330.pdf
Well Completed Dt:	2015/04/13			Latitude:	43.8153922236114
Audit No:	Z200923			Longitude:	-79.0830839779586
<u>19</u>	1 of 1	SSW/33.9	76.5 / -3.32	lot 23 con 3 ON	WWIS
Well ID:	1907327			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05-Jul-1985 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2214
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliabilty:				Lot:	023
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	RANGE
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/190\1907327.pdf			

Additional Detail(s) (Map)

Well Completed Date: 1985/05/14
Year Completed: 1985
Depth (m): 8.2296
Latitude: 43.8152903266874
Longitude: -79.0834503128344
Path: 190\1907327.pdf

Bore Hole Information

Bore Hole ID:	10075966	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654134.80
Code OB Desc:		North83:	4853143.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	14-May-1985 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931164871
Layer: 7
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 74
Mat3 Desc: LAYERED
Formation Top Depth: 22.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931164868
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 60
Mat3 Desc: CEMENTED
Formation Top Depth: 10.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931164865			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931164867			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931164869			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		14.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931164866			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		STONES			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		2.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931164870			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961907327			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10624536			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930133797			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		23.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930133798			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		27.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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Results of Well Yield Testing

Pump Test ID: 991907327
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 12.0
Recommended Pump Depth: 25.0
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934672759
Test Type: Recovery
Test Duration: 45
Test Level: 8.0
Test Level UOM: ft

Water Details

Water ID: 933517876
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 8.0
Water Found Depth UOM: ft

Water Details

Water ID: 933517878
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 22.0
Water Found Depth UOM: ft

Water Details

Water ID: 933517877
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 14.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10075966	Tag No:	
Depth M:	8.2296	Contractor:	2214
Year Completed:	1985	Path:	190\1907327.pdf
Well Completed Dt:	1985/05/14	Latitude:	43.8152903266874

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Longitude:	-79.0834503128344
20	1 of 1	ESE/55.9	79.8 / 0.00	631 Liverpool Road Pickering ON L1W 1R1	EHS
Order No:	20180712051	Nearest Intersection:			
Status:	C	Municipality:			
Report Type:	Standard Report	Client Prov/State:		ON	
Report Date:	18-JUL-18	Search Radius (km):		.25	
Date Received:	12-JUL-18	X:		-79.081326	
Previous Site Name:		Y:		43.815679	
Lot/Building Size:					
Additional Info Ordered:	Aerial Photos				
21	1 of 16	SSW/56.9	76.6 / -3.29	WHARF STREET MARINA LTD 1289 WHARF ST PICKERING ON L1W 1A2	RST
Headcode:	00824400				
Headcode Desc:	MARINAS				
Phone:					
List Name:					
Description:					
21	2 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING ON L1W 1A2	FSTH
License Issue Date:	3/1/2002				
Tank Status:	Licensed				
Tank Status As Of:	December 2008				
Operation Type:	Retail Fuel Outlet				
Facility Type:	Marina				
--Details--					
Status:	Active				
Year of Installation:	2006				
Corrosion Protection:					
Capacity:	15000				
Tank Fuel Type:	Liquid Fuel Double Wall UST - Gasoline				
Status:	Active				
Year of Installation:	2006				
Corrosion Protection:					
Capacity:	15000				
Tank Fuel Type:	Liquid Fuel Double Wall UST - Diesel				
21	3 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:	63847163	Expired Date:			
Status:	EXPIRED	Max Hazard Rank:			
Instance ID:	351853	Facility Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP Record Date: Up to Mar 2012					
21	4 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No: 11603734 Status: EXPIRED Instance ID: 93228 Instance Type: FS Piping Instance Creation Dt: Instance Install Dt: Item Description: Manufacturer: Model: Serial No: ULC Standard: Quantity: Unit of Measure: Overfill Prot Type: Creation Date: Next Periodic Str DT: TSSA Base Sched Cycle 2: TSSAMax Hazard Rank 1: TSSA Risk Based Periodic Yn: TSSA Volume of Directives: TSSA Periodic Exempt: TSSA Statutory Interval: TSSA Recd Insp Interva: TSSA Recd Tolerance: TSSA Program Area: TSSA Program Area 2: Description: FS Piping Original Source: EXP Record Date: Up to Mar 2012					
Expired Date: Max Hazard Rank: Facility Location: Facility Type: Fuel Type 2: Fuel Type 3: Panam Related: Panam Venue Nm: External Identifier: Item: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Source:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	5 of 16	SSW/56.9	76.6 / -3.29	1289 Wharf St Pickering ON L1W 1A2	EHS
Order No:	20130211008			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	15-FEB-13			Search Radius (km):	.25
Date Received:	11-FEB-13			X:	0
Previous Site Name:				Y:	0
Lot/Building Size:					
Additional Info Ordered:					

21	6 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING ON L1W 1A2	DTNK
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Delisted Expired Fuel Safety
Facilities

Instance No:	9528650	Expired Date:	7/31/2012 7:45
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:		Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSA Max Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:			
Original Source:	EXP		
Record Date:	Up to May 2013		

21	7 of 16	SSW/56.9	76.6 / -3.29	WHARF STREET MARINA LTD 1289 WHARF ST PICKERING ON L1W1A2	RST
Headcode:	00824400				
Headcode Desc:	MARINAS				
Phone:	9058393681				
List Name:	INFO-DIRECT(TM) BUSINESS FILE				
Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	8 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA ON	DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	11603722	Expired Date:	NULL
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	1289 WHARF ST PICKERING L1W 1A2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/11/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	
Creation Date:	7/5/2009 1:26:15 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSA Max Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	2009VBS		
Original Source:	EXP		
Record Date:	31-JUL-2020		

21	9 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA ON	DTNK
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Delisted Expired Fuel Safety Facilities

Instance No:	11603705	Expired Date:	NULL
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	1289 WHARF ST PICKERING L1W 1A2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	7/19/2000 8:15:15 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/11/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Creation Date:		7/5/2009 1:26:18 AM		Tank Underground:	
Next Periodic Str DT:		NULL		Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:		NULL			
TSSAMax Hazard Rank 1:		NULL			
TSSA Risk Based Periodic Yn:		NULL			
TSSA Volume of Directives:		NULL			
TSSA Periodic Exempt:		NULL			
TSSA Statutory Interval:		NULL			
TSSA Recd Insp Interva:		NULL			
TSSA Recd Tolerance:		NULL			
TSSA Program Area:		NULL			
TSSA Program Area 2:		NULL			
Description:		2009VBS			
Original Source:		EXP			
Record Date:		31-JUL-2020			

[21](#) 10 of 16 SSW/56.9 76.6 / -3.29 WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA ON DTNK

Delisted Expired Fuel Safety Facilities

Instance No:	46077077	Expired Date:	
Status:	EXPIRED	Max Hazard Rank:	NULL
Instance ID:		Facility Location:	1289 WHARF ST PICKERING L1W 1A2 ON CA
Instance Type:		Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	11/16/2006 4:31:25 PM	Fuel Type 2:	NULL
Instance Install Dt:	6/11/2009	Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank	Panam Related:	NULL
Manufacturer:	NULL	Panam Venue Nm:	NULL
Model:	NULL	External Identifier:	NULL
Serial No:	NULL	Item:	
ULC Standard:	NULL	Piping Steel:	
Quantity:	1	Piping Galvanized:	
Unit of Measure:	EA	Tank Single Wall St:	
Overfill Prot Type:	NULL	Piping Underground:	
Creation Date:	7/5/2009 2:58:10 AM	Tank Underground:	
Next Periodic Str DT:	NULL	Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL		
TSSAMax Hazard Rank 1:	NULL		
TSSA Risk Based Periodic Yn:	NULL		
TSSA Volume of Directives:	NULL		
TSSA Periodic Exempt:	NULL		
TSSA Statutory Interval:	NULL		
TSSA Recd Insp Interva:	NULL		
TSSA Recd Tolerance:	NULL		
TSSA Program Area:	NULL		
TSSA Program Area 2:	NULL		
Description:	2009VBS		
Original Source:	EXP		
Record Date:	31-JUL-2020		

[21](#) 11 of 16 SSW/56.9 76.6 / -3.29 WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA ON DTNK

Delisted Expired Fuel Safety Facilities

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No:	46077076			Expired Date:	
Status:	EXPIRED			Max Hazard Rank:	NULL
Instance ID:				Facility Location:	1289 WHARF ST PICKERING L1W 1A2 ON CA
Instance Type:				Facility Type:	FS LIQUID FUEL TANK
Instance Creation Dt:	11/16/2006 4:31:25 PM			Fuel Type 2:	NULL
Instance Install Dt:	6/11/2009			Fuel Type 3:	NULL
Item Description:	FS Liquid Fuel Tank			Panam Related:	NULL
Manufacturer:	NULL			Panam Venue Nm:	NULL
Model:	NULL			External Identifier:	NULL
Serial No:	NULL			Item:	
ULC Standard:	NULL			Piping Steel:	
Quantity:	1			Piping Galvanized:	
Unit of Measure:	EA			Tank Single Wall St:	
Overfill Prot Type:	NULL			Piping Underground:	
Creation Date:	7/5/2009 2:58:17 AM			Tank Underground:	
Next Periodic Str DT:	NULL			Source:	FS Liquid Fuel Tank
TSSA Base Sched Cycle 2:	NULL				
TSSAMax Hazard Rank 1:	NULL				
TSSA Risk Based Periodic Yn:	NULL				
TSSA Volume of Directives:	NULL				
TSSA Periodic Exempt:	NULL				
TSSA Statutory Interval:	NULL				
TSSA Recd Insp Interva:	NULL				
TSSA Recd Tolerance:	NULL				
TSSA Program Area:	NULL				
TSSA Program Area 2:	NULL				
Description:	2009VBS				
Original Source:	EXP				
Record Date:	31-JUL-2020				

[21](#) 12 of 16 SSW/56.9 76.6 / -3.29 s.21 1289 Wharf St Pickering ON L1W 1A2 SPL

Ref No:	7323-BDBR7R	Discharger Report:	
Site No:	5546-BDBS4U	Material Group:	
Incident Dt:	6/10/2019	Health/Env Conseq:	
Year:		Client Type:	Individual
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	1289 Wharf St
Contaminant Limit 1:		Site District Office:	York-Durham
Contam Limit Freq 1:		Site Postal Code:	L1W 1A2
Contaminant UN No 1:		Site Region:	Central
Environment Impact:		Site Municipality:	Pickering
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	NA
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	NA
MOE Reported Dt:	6/20/2019	Site Map Datum:	NA
Dt Document Closed:		SAC Action Class:	
Incident Reason:		Source Type:	
Site Name:	Port Restaurant		
Site County/District:	Regional Municipality of Durham		
Site Geo Ref Meth:	NA		
Incident Summary:	Port Restaurant		
Contaminant Qty:			

[21](#) 13 of 16 SSW/56.9 76.6 / -3.29 WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA FST

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

Instance No: 11603722
Status:
Cont Name:
Instance Type:
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Single Wall UST
Install Date: 6/11/2009
Install Year: 1993
Years in Service:
Model: NULL
Description:
Capacity: 13600
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 1289 WHARF ST PICKERING L1W 1A2 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: WHARF ST MARINA LTD
Item: FS LIQUID FUEL TANK

21	14 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA ON	FST
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Instance No: 46077077
Status:
Cont Name:
Instance Type:
Item:
Item Description: FS Liquid Fuel Tank
Tank Type: Liquid Fuel Double Wall UST
Install Date: 6/11/2009
Install Year: 2006
Years in Service:
Model: NULL
Description:
Capacity: 15000
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:
Facility Type: FS Liquid Fuel Tank
Parent Facility Type:
Facility Location:
Device Installed Location: 1289 WHARF ST PICKERING L1W 1A2 ON CA

Manufacturer:
Serial No:
Ulc Standard:
Quantity:
Unit of Measure:
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
No Underground:
Panam Related:
Panam Venue:

Liquid Fuel Tank Details

Overfill Protection:
Owner Account Name: WHARF ST MARINA LTD
Item: FS LIQUID FUEL TANK

21	15 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA	FST
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Instance No:	11603705			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Single Wall UST			Fuel Type2:	NULL
Install Date:	6/11/2009			Fuel Type3:	NULL
Install Year:	1993			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	13600			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	1289 WHARF ST PICKERING L1W 1A2 ON CA				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	WHARF ST MARINA LTD				
Item:	FS LIQUID FUEL TANK				
21	16 of 16	SSW/56.9	76.6 / -3.29	WHARF ST MARINA LTD 1289 WHARF ST PICKERING L1W 1A2 ON CA ON	FST
Instance No:	46077076			Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:				Unit of Measure:	
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Gasoline
Tank Type:	Liquid Fuel Double Wall UST			Fuel Type2:	NULL
Install Date:	6/11/2009			Fuel Type3:	NULL
Install Year:	2006			Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	15000			No Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	
Corrosion Protect:	Fiberglass			Panam Venue:	
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:					
Facility Location:					
Device Installed Location:	1289 WHARF ST PICKERING L1W 1A2 ON CA				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:					
Owner Account Name:	WHARF ST MARINA LTD				
Item:	FS LIQUID FUEL TANK				
22	1 of 22	ESE/57.7	79.5 / -0.32	PICKERING HARBOUR COMPANY LIMITED 1295 WHARF STREET	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PICKERING TOWN ON L1W 1A2					
Certificate #:		4-0178-89-906			
Application Year:		89			
Issue Date:		8/3/90			
Approval Type:		Industrial wastewater			
Status:		Received in 1989, Issued in 1990			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		DREDGING OPERATION			
Contaminants:					
Emission Control:					
22	2 of 22	ESE/57.7	79.5 / -0.32	PICKERING HARBOUR COMPANY LIMITED 30-751 1295 WHARF STREET PICKERING ON L1W 1A2	GEN
Generator No:		ON1451900		Status:	
SIC Code:		9654		Co Admin:	
SIC Description:		BOAT RENTALS/MARINAS		Choice of Contact:	
Approval Years:		92,93,94,95,96,97,98		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
22	3 of 22	ESE/57.7	79.5 / -0.32	PICKERING HARBOUR COMPANY LTD., THE 1295 WHARF STREET PICKERING ON L1W 1A2	GEN
Generator No:		ON1451900		Status:	
SIC Code:		9654		Co Admin:	
SIC Description:		BOAT RENTALS/MARINAS		Choice of Contact:	
Approval Years:		99,00,01,02,03,04		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
22	4 of 22	ESE/57.7	79.5 / -0.32	High Tech-Matic Controls Ltd. 1295 Wharf St Unit 46 Pickering ON L1W 1A2	SCT
Established:		01-OCT-83			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plant Size (ft²):		5000			
Employment:					
--Details--					
Description:		Electrical Contractors and Other Wiring Installation Contractors			
SIC/NAICS Code:		238210			
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
Description:		Computer, Computer Peripheral and Pre-Packaged Software Wholesaler-Distributors			
SIC/NAICS Code:		417310			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
Description:		Electronic Components, Navigational and Communications Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417320			
Description:		Electrical Contractors and Other Wiring Installation Contractors			
SIC/NAICS Code:		238210			
Description:		Other Scientific and Technical Consulting Services			
SIC/NAICS Code:		541690			
22	5 of 22	ESE/57.7	79.5 / -0.32	HTC Electric 1295 Wharf St Pickering ON L1W 1A2	SCT
Established:					
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Electrical Wiring and Construction Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416110			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
Description:		Plumbing, Heating and Air-Conditioning Contractors			
SIC/NAICS Code:		238220			
Description:		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors			
SIC/NAICS Code:		417230			
Description:		Electrical Contractors and Other Wiring Installation Contractors			
SIC/NAICS Code:		238210			
22	6 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:		ON7523211		Status:	
SIC Code:		621390		Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:		2011		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	7 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:	ON7523211			Status:	
SIC Code:	621390			Co Admin:	
SIC Description:	Offices of All Other Health Practitioners			Choice of Contact:	
Approval Years:	2012			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
22	8 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON	GEN
Generator No:	ON7523211			Status:	
SIC Code:	621390			Co Admin:	
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS			Choice of Contact:	
Approval Years:	2013			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
22	9 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:	ON7523211			Status:	
SIC Code:	621390			Co Admin:	Cheryl Watson
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2015			Phone No Admin:	416-656-8100 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
22	10 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:	ON7523211			Status:	
SIC Code:	621390			Co Admin:	Cheryl Watson
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Phone No Admin:	416-656-8100 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	11 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 16A PICKERING ON L1W1A3	GEN
Generator No:	ON2661460			Status:	
SIC Code:	812990			Co Admin:	Scott Agnew
SIC Description:	ALL OTHER PERSONAL SERVICES			Choice of Contact:	CO_ADMIN
Approval Years:	2015			Phone No Admin:	9055796669 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
22	12 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 16A PICKERING ON L1W1A3	GEN
Generator No:	ON2661460			Status:	
SIC Code:	812990			Co Admin:	Scott Agnew
SIC Description:	ALL OTHER PERSONAL SERVICES			Choice of Contact:	CO_ADMIN
Approval Years:	2014			Phone No Admin:	9055796669 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
22	13 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:	ON7523211			Status:	
SIC Code:	621390			Co Admin:	Cheryl Watson
SIC Description:	OFFICES OF ALL OTHER HEALTH PRACTITIONERS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	416-656-8100 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
22	14 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 19 PICKERING ON L1W1A3	GEN
Generator No:	ON2661460			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2017			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
22	15 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:	ON7523211			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
22	16 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 19 PICKERING ON L1W1A3	GEN
Generator No:	ON2661460			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
22	17 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	GEN
Generator No:	ON2661460			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Jul 2020			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
22	18 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No:	ON7523211			Status: Registered	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada				Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 P Pathological wastes			
22	19 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	GEN
Generator No: ON2661460 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada				Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 P Pathological wastes			
22	20 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No: ON7523211 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada				Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 P Pathological wastes			
22	21 of 22	ESE/57.7	79.5 / -0.32	1239510 Ontario Incorporated 1295 Wharf Street, Unit 11 Pickering ON L1W 1A2	GEN
Generator No: ON7523211 SIC Code: SIC Description: Approval Years: As of Feb 2022 PO Box No: Country: Canada				Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		312 P Pathological wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	22 of 22	ESE/57.7	79.5 / -0.32	NEXTOF SKIN 1295 WHARF ST UNIT 19 UNIT 19 PICKERING ON L1W1A3	GEN
Generator No:	ON2661460			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Feb 2022			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
23	1 of 2	ESE/80.8	79.8 / 0.00	PIPELINE HIT - 1" 631 LIVERPOOL ROAD,,PICKERING,ON,L1W 1R1,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	1897278			Fuel Category:	
Incident Reported Dt:	7/5/2016			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	PIPELINE HIT - 1"				
Incident Address:	631 LIVERPOOL ROAD,,PICKERING,ON,L1W 1R1,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
23	2 of 2	ESE/80.8	79.8 / 0.00	Enbridge Gas Distribution Inc. 631 Liverpool Road Pickering ON	SPL
Ref No:	4317-ABJTR9			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/07/04			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type: Miscellaneous Industrial	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address: 631 Liverpool Road	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality: Pickering	
Nature of Impact:				Site Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2016/07/04 Dt Document Closed: 2016/08/10				Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
Incident Reason: Operator/Human Error Site Name: New Construction - commercial site<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA - Enbridge, 1" plastic, IP line damaged, made safe Contaminant Qty: 0 other - see incident description				Source Type:	

24	1 of 1	WNW/92.6	78.8 / -1.07	673 FRONT RD. Pickering ON	WWIS
Well ID: 7172823 Construction Date: Use 1st: Use 2nd: Final Well Status: 0 Water Type: Casing Material: Audit No: Z131822 Tag: A107216 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: PICKERING TOWN Site Info:				Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 01-Dec-2011 00:00:00 Selected Flag: TRUE Abandonment Rec: Yes Contractor: 7219 Form Version: 7 Owner: County: DURHAM Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7172823.pdf			

Additional Detail(s) (Map)

Well Completed Date:	2011/04/08
Year Completed:	2011
Depth (m):	
Latitude:	43.8168524143515
Longitude:	-79.0847904953004
Path:	717\7172823.pdf

Bore Hole Information

Bore Hole ID:	1003615278	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654023.00
Code OB Desc:		North83:	4853314.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	08-Apr-2011 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004012354			
<i>Layer:</i>		1			
<i>Plug From:</i>		0.0			
<i>Plug To:</i>		1.8200000524520874			
<i>Plug Depth UOM:</i>		ft			
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004012356			
<i>Layer:</i>		3			
<i>Plug From:</i>		2.130000114440918			
<i>Plug To:</i>		4.260000228881836			
<i>Plug Depth UOM:</i>		ft			
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004012355			
<i>Layer:</i>		2			
<i>Plug From:</i>		1.8200000524520874			
<i>Plug To:</i>		2.130000114440918			
<i>Plug Depth UOM:</i>		ft			
<u><i>Annular Space/Abandonment Sealing Record</i></u>					
<i>Plug ID:</i>		1004012357			
<i>Layer:</i>		4			
<i>Plug From:</i>		4.260000228881836			
<i>Plug To:</i>		4.570000171661377			
<i>Plug Depth UOM:</i>		ft			
<u><i>Method of Construction & Well Use</i></u>					
<i>Method Construction ID:</i>		1004012353			
<i>Method Construction Code:</i>					
<i>Method Construction:</i>					
<i>Other Method Construction:</i>					
<u><i>Pipe Information</i></u>					
<i>Pipe ID:</i>		1004012347			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u><i>Construction Record - Casing</i></u>					
<i>Casing ID:</i>		1004012351			
<i>Layer:</i>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:		0.0			
Depth To:		4.570000171661377			
Casing Diameter:		4.0			
Casing Diameter UOM:		ft			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004012352			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1004012350			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004012349			
Diameter:		4.0			
Depth From:		0.0			
Depth To:		4.570000171661377			
Hole Depth UOM:		ft			
Hole Diameter UOM:		ft			
<u>Links</u>					
Bore Hole ID:		1003615278		Tag No:	A107216
Depth M:				Contractor:	7219
Year Completed:		2011		Path:	717\7172823.pdf
Well Completed Dt:		2011/04/08		Latitude:	43.8168524143515
Audit No:		Z131822		Longitude:	-79.0847904953004

25	1 of 1	ESE/99.7	79.8 / 0.00	619 LIVERPOOL ROAD PICKERING ON	WWIS
Well ID:		1917068		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Not Used		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Abandoned-Quality		Date Received:	
Water Type:				03-Jun-2004 00:00:00	
Casing Material:				Selected Flag:	
Audit No:		Z07484		TRUE	
Tag:				Abandonment Rec:	
Constructn Method:				Contractor:	
Elevation (m):				1663	
Elevatn Reliabilty:				Form Version:	
Depth to Bedrock:				3	
				Owner:	
				County:	
				DURHAM	
				Lot:	
				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		PICKERING TOWN		Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1917068.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2004/04/28			
Year Completed:		2004			
Depth (m):					
Latitude:		43.8153485922864			
Longitude:		-79.0810213207507			
Path:		191\1917068.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		11105225		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				654330.00	
Cluster Kind:				North83:	
Date Completed:		28-Apr-2004 00:00:00		4853154.00	
Remarks:				Org CS:	
Elevrc Desc:				UTM83	
Location Source Date:				UTMRC:	
Improvement Location Source:				5	
Improvement Location Method:				UTMRC Desc:	
Source Revision Comment:				margin of error : 100 m - 300 m	
Supplier Comment:				Location Method:	
				wwr	
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961917068			
Method Construction Code:		A			
Method Construction:		Digging			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11110131			
Casing No:		1			
Comment:					
Alt Name:					
<u>Links</u>					
Bore Hole ID:		11105225		Tag No:	
Depth M:				Contractor:	
Year Completed:		2004		1663	
Well Completed Dt:		2004/04/28		Path:	
Audit No:		Z07484		191\1917068.pdf	
				Latitude:	
				43.8153485922864	
				Longitude:	
				-79.0810213207507	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 1	NW/103.3	80.1 / 0.21	GREEN ACRES LAWN CARE 668 PLEASANT ST PICKERING ON L1W1P7	PES
Detail Licence No:		02-01-05467-0		Operator Box:	
Licence No:		05467		Operator Class:	
Status:				Operator No: 5467	
Approval Date:				Operator Type:	
Report Source:		Legacy Licenses (Excluding TS)		Oper Area Code: 905	
Licence Type:		Operator		Oper Phone No: 6865296	
Licence Type Code:		02		Operator Ext:	
Licence Class:		01		Operator Lot:	
Licence Control:		0		Oper Concession:	
Latitude:				Operator Region: 3	
Longitude:				Operator District:	
Lot:				Operator County: 19	
Concession:				Op Municipality:	
Region:		3		Post Office Box:	
District:				MOE District:	
County:		19		SWP Area Name:	
Trade Name:					
PDF URL:					
PDF Site Location:					
27	1 of 2	W/114.3	76.5 / -3.34	ALPHA POWER PRODUCTS 680 FRONT RD PICKERING ON L1W 1N8	SCT
Established:		1987			
Plant Size (ft²):		3000			
Employment:		3			
--Details--					
Description:		ELECTRONIC COMPONENTS, N.E.C.			
SIC/NAICS Code:		3679			
27	2 of 2	W/114.3	76.5 / -3.34	SHAMROCK MARINE 680 FRONT ROAD PICKERING ON L1W 1N8	GEN
Generator No:		ON2086900		Status:	
SIC Code:		9654		Co Admin:	
SIC Description:		BOAT RENTALS/MARINAS		Choice of Contact:	
Approval Years:		95,96,97,98,99,00,01		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
Detail(s)					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
28	1 of 1	NE/123.8	79.4 / -0.44	lot 22 con 3 ON	WWIS
Well ID:		4601886		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src: 1	
Final Well Status:		Water Supply		Date Received: 21-Nov-1961 00:00:00	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:		PICKERING TOWN		Selected Flag: TRUE Abandonment Rec: Contractor: 5412 Form Version: 1 Owner: County: DURHAM Lot: 022 Concession: 03 Concession Name: RANGE Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/460\4601886.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		1961/11/17 1961 6.4008 43.8176943601612 -79.0813092580763 460\4601886.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10293251			Elevation: Elevrc: Zone: 17 East83: 654300.80 North83: 4853414.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931946793 3 17 SHALE 20.0 21.0 ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931946791			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931946792			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		17			
Mat2 Desc:		SHALE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964601886			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10841821			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930485176			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		20.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pump Test ID: 994601886
Pump Set At:
Static Level: 13.0
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933764190
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10293251	Tag No:
Depth M: 6.4008	Contractor: 5412
Year Completed: 1961	Path: 460\4601886.pdf
Well Completed Dt: 1961/11/17	Latitude: 43.8176943601612
Audit No:	Longitude: -79.0813092580763

29	1 of 1	SE/127.3	78.7 / -1.16	lot 23 con 3 ON	WWIS
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Well ID: 4601887	Flowing (Y/N):
Construction Date:	Flow Rate:
Use 1st: Domestic	Data Entry Status:
Use 2nd: 0	Data Src: 1
Final Well Status: Water Supply	Date Received: 02-Jul-1963 00:00:00
Water Type:	Selected Flag: TRUE
Casing Material:	Abandonment Rec:
Audit No:	Contractor: 5412
Tag:	Form Version: 1
Constructn Method:	Owner:
Elevation (m):	County: DURHAM
Elevatn Reliabilty:	Lot: 023
Depth to Bedrock:	Concession: 03
Well Depth:	Concession Name: RANGE
Overburden/Bedrock:	Easting NAD83:
Pump Rate:	Northing NAD83:
Static Water Level:	Zone:
Clear/Cloudy:	UTM Reliability:
Municipality: PICKERING TOWN	
Site Info:	
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/460\4601887.pdf	

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well Completed Date: 1963/06/04
Year Completed: 1963
Depth (m): 6.096
Latitude: 43.814940118584
Longitude: -79.0813601761476
Path: 460\4601887.pdf

Bore Hole Information

Bore Hole ID:	10293252	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654303.80
Code OB Desc:		North83:	4853108.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	04-Jun-1963 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931946797
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931946796
Layer: 3
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 13.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931946795			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931946794			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		964601887			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10841822			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930485177			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		20.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		994601887			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:					
Recommended Pump Depth:		18.0			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID: 933764191
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 13.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10293252	Tag No:	
Depth M:	6.096	Contractor:	5412
Year Completed:	1963	Path:	460\4601887.pdf
Well Completed Dt:	1963/06/04	Latitude:	43.814940118584
Audit No:		Longitude:	-79.0813601761476

30	1 of 1	ENE/148.8	76.6 / -3.27	643 ANN LAND ST. PICKERING ON	WWIS
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Well ID:	7233481	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Abandoned-Other	Date Received:	12-Dec-2014 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	Yes
Audit No:	Z185331	Contractor:	4102
Tag:		Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	DURHAM
Elevatn Reliability:		Lot:	
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	PICKERING TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7233481.pdf

Additional Detail(s) (Map)

Well Completed Date: 2014/11/02

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:		2014			
Depth (m):					
Latitude:		43.8169478835621			
Longitude:		-79.0802861938763			
Path:		723\7233481.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1005256822			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	654385.00
Code OB Desc:				North83:	4853333.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	02-Nov-2014 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005451905				
Layer:	2				
Plug From:	50.0				
Plug To:	40.0				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005451906				
Layer:	3				
Plug From:	40.0				
Plug To:	0.0				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005451904				
Layer:	1				
Plug From:	81.0				
Plug To:	50.0				
Plug Depth UOM:	ft				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005451907				
Layer:	1				
Plug From:					
Plug To:					
Plug Depth UOM:	ft				
<u>Method of Construction & Well</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Use</u>					
<i>Method Construction ID:</i>		1005451903			
<i>Method Construction Code:</i>					
<i>Method Construction:</i>					
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1005451897			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005451901			
<i>Layer:</i>					
<i>Material:</i>					
<i>Open Hole or Material:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005451902			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>					
<u>Water Details</u>					
<i>Water ID:</i>		1005451900			
<i>Layer:</i>					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>					
<i>Water Found Depth UOM:</i>		ft			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1005451899			
<i>Diameter:</i>					
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Hole Depth UOM:</i>		ft			
<i>Hole Diameter UOM:</i>		inch			
<u>Links</u>					
<i>Bore Hole ID:</i>	1005256822			<i>Tag No:</i>	
<i>Depth M:</i>				<i>Contractor:</i>	4102
<i>Year Completed:</i>	2014			<i>Path:</i>	723\7233481.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Dt: Audit No:	2014/11/02 Z185331			Latitude: Longitude:	43.8169478835621 -79.0802861938763

31	1 of 1	WNW/149.8	78.7 / -1.12	1279 Commerce St Pickering ON	WWIS
Well ID:	7360425			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	12-Jun-2020 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z315288			Contractor:	6964
Tag:	A255965			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2020/03/01
Year Completed:	2020
Depth (m):	
Latitude:	43.8172996032262
Longitude:	-79.0851492307138
Path:	

Bore Hole Information

Bore Hole ID:	1008305695	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	653993.00
Code OB Desc:		North83:	4853363.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	01-Mar-2020 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	1008418869
Layer:	2
Color:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:			GREY		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Mat2 Desc:					
Mat3:			66		
Mat3 Desc:			DENSE		
Formation Top Depth:			15.0		
Formation End Depth:			20.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1008418868		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			12		
Mat2 Desc:			STONES		
Mat3:			66		
Mat3 Desc:			DENSE		
Formation Top Depth:			0.0		
Formation End Depth:			15.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1008418870		
Layer:			3		
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			20.0		
Formation End Depth:					
Formation End Depth UOM:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1008419154		
Layer:			2		
Plug From:			9.0		
Plug To:			20.0		
Plug Depth UOM:			ft		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1008419153		
Layer:			1		
Plug From:			0.0		
Plug To:			9.0		
Plug Depth UOM:			ft		

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

Method Construction ID: 1008419508
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1008418335
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008419689
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 10.0
Casing Diameter: 2.0399999618530273
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1008419736
Layer: 1
Slot: 10
Screen Top Depth: 10.0
Screen End Depth: 20.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.375

Results of Well Yield Testing

Pump Test ID: 1008420097
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:		1008419366 8.0 0.0 20.0 ft Inch			
Links					
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No:		1008305695 6.096 2020 2020/03/01 Z315288		Tag No: Contractor: Path: Latitude: Longitude:	A255965 6964 43.8172996032262 -79.0851492307138
32	1 of 1	NNE/150.0	79.8 / 0.00	Eavestrough Specialties Inc. 695 Liverpool Rd Pickering ON L1W 1R6	SCT
Established: Plant Size (ft²): Employment:		01-AUG-87 4200			
--Details--					
Description: SIC/NAICS Code:		Siding Contractors 238170			
Description: SIC/NAICS Code:		Copper Rolling, Drawing, Extruding and Alloying 331420			
Description: SIC/NAICS Code:		Other Ornamental and Architectural Metal Product Manufacturing 332329			
33	1 of 1	WNW/159.3	78.9 / -0.91	1279 and 1281 Commerce Street Pickering ON L1W 1C7	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20200629456 C Standard Report 03-JUL-20 29-JUN-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	 ON .25 -79.0851548 43.8173982
34	1 of 1	NE/187.0	79.8 / 0.00	ENBRIDGE GAS INC 1311 COMMERCE ST., PICKERING, ON, L1W 1E1, CA ON	PINC
Incident Id: Incident No: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp:		2956578 11/6/2020 FS-Pipeline Incident Pipeline Damage Reason Est		Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		ENBRIDGE GAS INC 1311 COMMERCE ST.,PICKERING,ON,L1W 1E1,CA		Attribute Category: Regulator Location: Method Details:	

35	1 of 1	N/225.1	80.8 / 0.94	ALLAN CAMERON 715 LIVERPOOL ROAD, PICKERING, ON L1W 1R8 Pickering ON	RSC
RSC ID: 225978 RA No: RSC Type: Phase 1 RSC Curr Property Use: Commercial Ministry District: York-Durham District Office Filing Date: 2019/08/29 Date Ack: Date Returned: Restoration Type: Soil Type: Criteria: CPU Issued Sect 1686: Asmt Roll No: 0102002351900000009 Prop ID No (PIN): 26325-0120 (LT) Property Municipal Address: 715 LIVERPOOL ROAD, PICKERING, ON L1W 1R8 Mailing Address: Latitude & Latitude: UTM Coordinates: Consultant: Legal Desc: Measurement Method: Applicable Standards: RSC PDF: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116842&fileName=BROWNFIELDS-E.pdf		Cert Date: Cert Prop Use No: Intended Prop Use: Residential Qual Person Name: EDWARD WONG Stratified (Y/N): Audit (Y/N): Entire Leg Prop. (Y/N): Accuracy Estimate: Telephone: Fax: Email:			

Document(s) Detail

Document Heading: Document Name: Document Type: Document Link:	Supporting Documents TransferDeed.pdf Copy of any deed(s), transfer(s) or other document(s) https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116847&fileName=TransferDeed.pdf
Document Heading: Document Name: Document Type: Document Link:	Supporting Documents survey plan.pdf A Current plan of Survey https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116849&fileName=survey+plan.pdf
Document Heading: Document Name: Document Type:	Supporting Documents Authorization.pdf Proof of the owner's authorization

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116845&fileName=Authorization.pdf			
Document Heading:		Supporting Documents			
Document Name:		LawyersLetter.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116848&fileName=LawyersLetter.pdf			
Document Heading:		Supporting Documents			
Document Name:		PhaseOne.pdf			
Document Type:		Phase 1 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=117981&fileName=PhaseOne.pdf			
Document Heading:		Supporting Documents			
Document Name:		TableofCandPUses.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=116844&fileName=TableofCandPUses.pdf			

36	1 of 1	SE/228.1	75.9 / -3.91	591 LIVERPOOL RD. PICKERING ON	WWIS
Well ID:	7294341			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Test Hole			Data Entry Status:	
Use 2nd:	Monitoring			Data Src:	
Final Well Status:	Test Hole			Date Received:	08-Sep-2017 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z254682			Contractor:	7247
Tag:	A217024			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7294341.pdf

Additional Detail(s) (Map)

Well Completed Date: 2017/02/04
Year Completed: 2017
Depth (m): 6.096
Latitude: 43.8142059825122
Longitude: -79.0805357028286
Path: 729\7294341.pdf

Bore Hole Information

Bore Hole ID: 1006721467
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:

Elevation:
Elevrc:
Zone: 17
East83: 654372.00
North83: 4853028.00
Org CS: UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	04-Feb-2017 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006885224
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 9.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006885223
Layer: 1
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 01
Mat3 Desc: FILL
Formation Top Depth: 0.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 1006885225
Layer: 3
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 28
Mat2 Desc: SAND
Mat3: 34
Mat3 Desc: TILL
Formation Top Depth: 15.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Sealing Record</u>					
Plug ID:		1006885233			
Layer:		1			
Plug From:		0.0			
Plug To:		9.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006885232			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006885222			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006885228			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006885229			
Layer:		1			
Slot:		10			
Screen Top Depth:		10.0			
Screen End Depth:		20.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.125			
<u>Water Details</u>					
Water ID:		1006885227			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		17.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006885226			
Diameter:		8.25			
Depth From:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		20.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
Links					
Bore Hole ID:	1006721467			Tag No:	A217024
Depth M:	6.096			Contractor:	7247
Year Completed:	2017			Path:	7297294341.pdf
Well Completed Dt:	2017/02/04			Latitude:	43.8142059825122
Audit No:	Z254682			Longitude:	-79.0805357028286

37	1 of 1	WNW/234.3	76.1 / -3.79	690 Front Road, Pickering ON	INC
Incident No:	843628			Any Health Impact:	No
Incident ID:				Any Enviro Impact:	No
Instance No:				Service Interrupted:	Yes
Status Code:				Was Prop Damaged:	Yes
Attribute Category:	FS-Perform L1 Incident Insp			Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:	2012/07/16 00:00:00			Indus App. Type:	
Time of Occurrence:	NULL			Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:	2012/07/16 00:00:00			Pipeline Type:	
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material:	
Fuels Occur Type:	Fire			Depth Ground Cover:	
Fuel Type Involved:	Propane			Regulator Location:	
Enforcement Policy:	NULL			Regulator Type:	
Prc Escalation Req:	NULL			Operation Pressure:	
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:	3906100			Equipment Type:	
Notes:				Equipment Model:	
Drainage System:				Serial No:	
Sub Surface Contam.:				Cylinder Capacity:	
Aff Prop Use Water:				Cylinder Cap Units:	
Contam. Migrated:				Cylinder Mat Type:	
Contact Natural Env:				Near Body of Water:	
Incident Location:	690 Front Road, Pickering - Fire				
Occurrence Narrative:	Assisting OFM and Pickering Fire Service				
Operation Type Involved:	Private Dwelling				
Item:					
Item Description:					
Device Installed Location:					

38	1 of 1	WNW/241.3	77.0 / -2.82	Lee Gray and Jane Gray 692 FRONT RD, PICKERING, ON, L1W 1N8 PICKERING ON L1W 1N8	RSC
RSC ID:	63517			Cert Date:	31-Mar-09
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Residential
Curr Property Use:	Residential			Qual Person Name:	
Ministry District:	PICKERING			Stratified (Y/N):	
Filing Date:	26-Jan-10			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Returned:				Accuracy Estimate:	2 to 5 meters
Restoration Type:				Telephone:	905-8310400
Soil Type:				Fax:	905-4208661
Criteria:				Email:	
CPU Issued Sect	No				
1686:					
Asmt Roll No:		1801020-02530600			
Prop ID No (PIN):		26319-0604 LT			
Property Municipal Address:		692 FRONT RD, PICKERING, ON, L1W 1N8			
Mailing Address:		695 LIVERPOOL RD, PICKERING, ON, L1W 1R6			
Latitude & Longitude:		43.81750000N 79.08638890W			
UTM Coordinates:		NAD83 17-653893-4853383 (converted from Latitude & Longitude)			
Consultant:					
Legal Desc:		PT Water LT 8 PL 65 PTS 1&2, 40R8654;Pickering			
Measurement Method:		Digitized from a map			
Applicable Standards:		ESA Phase 1			
RSC PDF:					

39	1 of 1	NW/241.9	80.8 / 1.00	LAWN RANGERS - DON MILLS 1250 ILONA PARK ROAD PICKERING ON L1W 1E4	PES
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Detail Licence No:		Operator Box:
Licence No:		Operator Class:
Status:		Operator No:
Approval Date:		Operator Type:
Report Source:		Oper Area Code:
Licence Type:	Operator	Oper Phone No:
Licence Type Code:		Operator Ext:
Licence Class:		Operator Lot:
Licence Control:		Oper Concession:
Latitude:		Operator Region:
Longitude:		Operator District:
Lot:		Operator County:
Concession:		Op Municipality:
Region:		Post Office Box:
District:		MOE District:
County:		SWP Area Name:
Trade Name:		
PDF URL:		
PDF Site Location:		

40	1 of 3	SE/244.2	75.8 / -4.00	SWANS YACHT SALES 590 LIVERPOOL RD PICKERING ON L1W 1P9	RST
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Headcode:	00824400
Headcode Desc:	MARINAS
Phone:	
List Name:	
Description:	

40	2 of 3	SE/244.2	75.8 / -4.00	SWANS YACHT SALES 590 LIVERPOOL RD PICKERING ON L1W1P9	RST
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Headcode:	00824400
Headcode Desc:	MARINAS
Phone:	9054202141
List Name:	
Description:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
40	3 of 3	SE/244.2	75.8 / -4.00	590 Liverpool Road Pickering ON L1W 1P9	EHS
Order No:	20181204042			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	11-DEC-18			Search Radius (km):	.25
Date Received:	04-DEC-18			X:	-79.08123
Previous Site Name:				Y:	43.813682
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
41	1 of 1	ESE/247.8	75.8 / -4.00	595 LIVERPOOL RD ON	WWIS
Well ID:	7266985			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	19-Jul-2016 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z229918			Contractor:	7215
Tag:	A201714			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7266985.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	2016/02/25				
Year Completed:	2016				
Depth (m):	4.4196				
Latitude:	43.8145931735796				
Longitude:	-79.0794664149351				
Path:	726\7266985.pdf				
Bore Hole Information					
Bore Hole ID:	1006148747			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	654457.00
Code OB Desc:				North83:	4853073.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	25-Feb-2016 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					

Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 1006167100
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 06
 Most Common Material: SILT
 Mat2: 05
 Mat2 Desc: CLAY
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 0.0
 Formation End Depth: 5.0
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1006167102
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 28
 Most Common Material: SAND
 Mat2: 06
 Mat2 Desc: SILT
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 11.0
 Formation End Depth: 14.5
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 1006167101
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 06
 Mat2 Desc: SILT
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 5.0
 Formation End Depth: 11.0
 Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 1006167109
 Layer: 1
 Plug From: 0.0

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Plug To:</i>		1.0			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006167110			
<i>Layer:</i>		2			
<i>Plug From:</i>		1.0			
<i>Plug To:</i>		3.5			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006167111			
<i>Layer:</i>		3			
<i>Plug From:</i>		3.5			
<i>Plug To:</i>		14.5			
<i>Plug Depth UOM:</i>		ft			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1006167108			
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1006167099			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1006167105			
<i>Layer:</i>		1			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>		0.0			
<i>Depth To:</i>		4.5			
<i>Casing Diameter:</i>		2.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1006167106			
<i>Layer:</i>		1			
<i>Slot:</i>		10			
<i>Screen Top Depth:</i>		4.5			
<i>Screen End Depth:</i>		14.5			
<i>Screen Material:</i>		4			
<i>Screen Depth UOM:</i>		ft			
<i>Screen Diameter UOM:</i>		inch			
<i>Screen Diameter:</i>		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1006167104			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006167103			
Diameter:		9.0			
Depth From:		0.0			
Depth To:		14.5			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1006148747			Tag No:	A201714
Depth M:	4.4196			Contractor:	7215
Year Completed:	2016			Path:	726\7266985.pdf
Well Completed Dt:	2016/02/25			Latitude:	43.8145931735796
Audit No:	Z229918			Longitude:	-79.0794664149351

42	1 of 2	ESE/248.4	75.8 / -4.00	Liverpool Road Pumping Station 595 Liverpool Road South Pickering ON	CA
Certificate #:	1-484-77-006				
Application Year:	01				
Issue Date:	10/10/01				
Approval Type:	Municipal & Private sewage				
Status:	Approved				
Application Type:	Notice				
Client Name:	The Corporation of the Regional Municipality of Durham				
Client Address:	105 Consumers Drive				
Client City:	Whitby				
Client Postal Code:	L1N 1C4				
Project Description:	Upgrade to existing Liverpool Road Sewage Pumping Station.				
Contaminants:					
Emission Control:					

42	2 of 2	ESE/248.4	75.8 / -4.00	The Regional Municipality of Durham 595 Liverpool Road South Pickering ON L1N 1C4	ECA
Approval No:	1-484-77-006			MOE District:	York-Durham
Approval Date:	2001-10-10			City:	
Status:	Approved			Longitude:	-79.07953
Record Type:	ECA			Latitude:	43.81484
Link Source:	IDS			Geometry X:	
SWP Area Name:	Toronto			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Business Name:	The Regional Municipality of Durham				
Address:	595 Liverpool Road South				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3245-52HNWW-14.pdf				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	ESE/249.4	75.8 / -4.00	Liverpool Road Pickering ON	EHS
Order No:	20160127074			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	03-FEB-16			Search Radius (km):	.25
Date Received:	27-JAN-16			X:	-79.079259
Previous Site Name:				Y:	43.814765
Lot/Building Size:					
Additional Info Ordered:					

44	1 of 1	E/250.5	75.8 / -4.00	ON	WWIS
Well ID:	7162778			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	05-May-2011 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	M08422			Contractor:	6607
Tag:	A110340			Form Version:	5
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7162778.pdf

Additional Detail(s) (Map)

Well Completed Date: 2011/01/28
Year Completed: 2011
Depth (m):
Latitude: 43.8165262434232
Longitude: -79.0787702879398
Path: 716\7162778.pdf

Bore Hole Information

Bore Hole ID:	1003506001	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654508.00
Code OB Desc:		North83:	4853289.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	28-Jan-2011 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

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

Links

Bore Hole ID:	1003506001	Tag No:	A110340
Depth M:		Contractor:	6607
Year Completed:	2011	Path:	7167162778.pdf
Well Completed Dt:	2011/01/28	Latitude:	43.8165262434232
Audit No:	M08422	Longitude:	-79.0787702879398

<u>45</u>	1 of 1	ESE/252.7	75.8 / -4.00	ON	BORE
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Borehole ID:	629773	Inclin FLG:	No
OGF ID:	215530180	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	SEP-1959	Municipality:	
Static Water Level:	0.0	Lot:	
Primary Water Use:	Not Used	Township:	
Sec. Water Use:		Latitude DD:	43.814502
Total Depth m:	5.2	Longitude DD:	-79.079497
Depth Ref:	Ground Surface	UTM Zone:	17
Depth Elev:		Easting:	654455
Drill Method:	Power auger	Northing:	4853063
Orig Ground Elev m:	75	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	76		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218454295	Mat Consistency:	Stiff
Top Depth:	.6	Material Moisture:	
Bottom Depth:	1.4	Material Texture:	
Material Color:	Green	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:	Silt	Geologic Group:	
Material 3:	Sand	Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY,SILT,SAND. GREEN,VERY STIFF, AGE POST-GLACIAL, WATER STABLE AT 245.8 FEET.		

Geology Stratum ID:	218454294	Mat Consistency:	
Top Depth:	0	Material Moisture:	Wet
Bottom Depth:	.6	Material Texture:	
Material Color:	Black	Non Geo Mat Type:	
Material 1:	Peat	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	Quaternary
Material 4:		Depositional Gen:	peat
Gsc Material Description:			
Stratum Description:	PEAT. BLACK,SURFACE,WET, AGE QUATERNARY.		

Geology Stratum ID:	218454299	Mat Consistency:	Dense
Top Depth:	3.9	Material Moisture:	
Bottom Depth:	5.2	Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:					
Material 1:	Till			Non Geo Mat Type:	
Material 2:				Geologic Formation:	
Material 3:				Geologic Group:	
Material 4:				Geologic Period:	
Gsc Material Description:				Depositional Gen:	glacial
Stratum Description:	TILL. VERY DENSE,AGE GLACIAL. 00020020000450810006904000129084 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218454297			Mat Consistency:	
Top Depth:	1.8			Material Moisture:	Wet
Bottom Depth:	2.1			Material Texture:	
Material Color:				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:					
Stratum Description:	SAND,GRAVEL. WET,AGE POST-GLACIAL.				
Geology Stratum ID:	218454296			Mat Consistency:	Dense
Top Depth:	1.4			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT,CLAY,SAND, GRAVEL. BROWN,VERY DENSE, AGE POST-GLACIAL.				
Geology Stratum ID:	218454298			Mat Consistency:	Dense
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	3.9			Material Texture:	
Material Color:	Green			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:	Boulders			Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	SILT,SAND,GRAVEL, BOULDERS. GREEN,GLACIAL,DENSE, AGE GLACIAL.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OSHAWA.txt RecordID: 053540 NTS_Sheet: 30M14A				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
46	1 of 1	WNW/270.8	75.0 / -4.80	Fairport Inc. NO MUNICIPAL ADDRESS, PICKERING ON	RSC
RSC ID:	64325			Cert Date:	31-Mar-09
RA No:				Cert Prop Use No:	No CPU
RSC Type:				Intended Prop Use:	Residential
Curr Property Use:	Residential			Qual Person Name:	Lee Gray
Ministry District:	PICKERING			Stratified (Y/N):	
Filing Date:	26-Jan-10			Audit (Y/N):	
Date Ack:				Entire Leg Prop. (Y/N):	Yes
Date Returned:				Accuracy Estimate:	2 to 5 meters
Restoration Type:				Telephone:	905-8310400
Soil Type:				Fax:	905-4208661
Criteria:				Email:	
CPU Issued Sect 1686:	No				
Asmt Roll No:					
Prop ID No (PIN):		26319-0694 LT,26319-0602 LT and 26319-0603			
Property Municipal Address:		NO MUNICIPAL ADDRESS,			
Mailing Address:		675 LIVERPOOL RD S, PICKERING, ON, L1W 1R6			
Latitude & Longitude:		43.81750000N 79.08694440W			
UTM Coordinates:		NAD83 17-653848-4853382 (converted from Latitude & Longitude)			
Consultant:					
Legal Desc:		PCL 47-2 SEC M90,Secondly an Undivided 1/5 Share or Interest in LT 8 PL M917(PICKERING),PICKERING PCL 9-1 SEC M917 ,LT 9 PL M917(PICKERING); ; PICKERING PT WATER LTS 8 & 9 PL65 AS IN CO 128 104 (SECONDLY);PICKERING			
Measurement Method:		Digitized from a satellite image			
Applicable Standards:		ESA Phase 1			
RSC PDF:					

47	1 of 1	ENE/276.6	76.9 / -2.93	WHARF ST PICKERING ON	WWIS
Well ID:	7159904			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	02-Mar-2011 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z114696			Contractor:	4102
Tag:	A042534			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	DURHAM
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	PICKERING TOWN				
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7159904.pdf			
Additional Detail(s) (Map)					
Well Completed Date:	2011/02/04				
Year Completed:	2011				
Depth (m):	13.1064				
Latitude:	43.8172461417263				
Longitude:	-79.0787471975045				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		715\7159904.pdf			

Bore Hole Information

Bore Hole ID:	1003481322	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	654508.00
Code OB Desc:		North83:	4853369.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	04-Feb-2011 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1003788786
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1003788787
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1003788796
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

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

Method Construction ID: 1003788794
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1003788785
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003788791
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 17.0
Casing Diameter: 6.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003788792
Layer: 1
Slot: 10
Screen Top Depth: 13.0
Screen End Depth: 43.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.25

Water Details

Water ID: 1003788790
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 13.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003788789
Diameter: 8.75
Depth From: 20.0
Depth To: 43.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID: 1003788788 Diameter: 10.25 Depth From: 0.0 Depth To: 20.0 Hole Depth UOM: ft Hole Diameter UOM: inch					
Links					
Bore Hole ID: 1003481322 Tag No: A042534 Depth M: 13.1064 Contractor: 4102 Year Completed: 2011 Path: 715\7159904.pdf Well Completed Dt: 2011/02/04 Latitude: 43.8172461417263 Audit No: Z114696 Longitude: -79.0787471975045					
48	1 of 1	NNE/289.2	81.8 / 1.91	747 Liverpool Road Pickering ON	EHS
Order No: 20151014018 Nearest Intersection: Status: C Municipality: Pickering Report Type: RSC Report (Urban) Client Prov/State: ON Report Date: 20-OCT-15 Search Radius (km): .3 Date Received: 14-OCT-15 X: -79.082054 Previous Site Name: Y: 43.819365 Lot/Building Size: Approximately 1.05 ha Additional Info Ordered: Title Searches					
49	1 of 1	ESE/293.9	75.8 / -4.00	ON	BORE
Borehole ID: 629775 Inclin FLG: No OGF ID: 215530182 SP Status: Initial Entry Status: Surv Elev: No Type: Borehole Piezometer: No Use: Geotechnical/Geological Investigation Primary Name: Completion Date: SEP-1959 Municipality: Static Water Level: Lot: Primary Water Use: Not Used Township: Sec. Water Use: Latitude DD: 43.814403 Total Depth m: 7.8 Longitude DD: -79.078941 Depth Ref: Ground Surface UTM Zone: 17 Depth Elev: Easting: 654500 Drill Method: Power auger Northing: 4853053 Orig Ground Elev m: 74.6 Location Accuracy: Elev Reliabil Note: Accuracy: Not Applicable DEM Ground Elev m: 74.5 Concession: Location D: Survey D: Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218454310 Mat Consistency: Dense Top Depth: 3.6 Material Moisture: Bottom Depth: 6.2 Material Texture: Material Color: Green Non Geo Mat Type: Material 1: Till Geologic Formation: Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen: glacial Gsc Material Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum Description:		TILL. GREEN, GLACIAL, DENSE.			
Geology Stratum ID:	218454307			Mat Consistency:	
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	2.1			Material Texture:	Fine
Material Color:	Green			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY, SAND-VERY FINE TO FINE. GREEN.			
Geology Stratum ID:	218454308			Mat Consistency:	Stiff
Top Depth:	2.1			Material Moisture:	
Bottom Depth:	2.5			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY, SILT. GREY, BROWN, STIFF.			
Geology Stratum ID:	218454311			Mat Consistency:	
Top Depth:	6.2			Material Moisture:	
Bottom Depth:	7.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK, LIMESTONE. G **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	218454306			Mat Consistency:	
Top Depth:	0			Material Moisture:	Wet
Bottom Depth:	1.5			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Peat			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	peat
Gsc Material Description:					
Stratum Description:		PEAT. BLACK, WET.			
Geology Stratum ID:	218454309			Mat Consistency:	Loose
Top Depth:	2.5			Material Moisture:	
Bottom Depth:	3.6			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Gravel			Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SILT, CLAY, SAND, GRAVEL. BROWN, LOOSE.			
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OSHAWA.txt RecordID: 053560 NTS_Sheet: 30M14A			
Confiden 1:		Logged by professional. Exact and complete description of material and properties.			
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

<u>50</u>	1 of 1	ESE/295.0	75.8 / -4.00	ON	BORE
Borehole ID:	629947			Inclin FLG:	No
OGF ID:	215530354			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	SEP-1959			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.814447
Total Depth m:	4.6			Longitude DD:	-79.078877
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	654505
Drill Method:	Power auger			Northing:	4853058
Orig Ground Elev m:	74.6			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	74.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218454938	Mat Consistency:	
Top Depth:	0	Material Moisture:	Wet
Bottom Depth:	1.1	Material Texture:	
Material Color:	Black	Non Geo Mat Type:	
Material 1:	Peat	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	Quaternary
Material 4:		Depositional Gen:	peat
Gsc Material Description:			
Stratum Description:	PEAT. BLACK,WET,AGE QUATERNARY.		
Geology Stratum ID:	218454941	Mat Consistency:	Dense
Top Depth:	3.2	Material Moisture:	
Bottom Depth:	4.6	Material Texture:	
Material Color:	Green	Non Geo Mat Type:	
Material 1:	Till	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	glacial
Gsc Material Description:			
Stratum Description:	TILL. GREEN,VERY DENSE,AGE GLACIAL. 000350080009002200106092 **Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	218454939	Mat Consistency:	Loose

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	2.7			Material Texture:	
Material Color:	Green			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT,SAND,GRAVEL. GREEN,LOOSE,AGE POST-GLACIAL.				
Geology Stratum ID:	218454940			Mat Consistency:	Dense
Top Depth:	2.7			Material Moisture:	
Bottom Depth:	3.2			Material Texture:	
Material Color:	Green			Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	glacial
Gsc Material Description:					
Stratum Description:	TILL. GREEN,DENSE,AGE GLACIAL.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OSHAWA.txt RecordID: 055280 NTS_Sheet: 30M14A				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
51	1 of 25	SE/296.8	75.8 / -4.00	COOLWATER FARMS LTD. 591 LIVERPOOL RD. PICKERING TOWN ON L1W 1R1	CA
Certificate #:	4-0042-88-				
Application Year:	88				
Issue Date:	7/28/1988				
Approval Type:	Industrial wastewater				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:	FISH FARM				
Contaminants:	Dissolved And/Or Suspended Solids, Phosphorus				
Emission Control:	No Controls				
51	2 of 25	SE/296.8	75.8 / -4.00	COOLWATER FARMS LTD. 591 LIVERPOOL RD	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PICKERING ON L1W 1R1					
Established:		1986			
Plant Size (ft²):		0			
Employment:		24			
--Details--					
Description:		ANIMAL AQUACULTURE			
SIC/NAICS Code:		273			
51	3 of 25	SE/296.8	75.8 / -4.00	COOLWATER FARMS LTD. 591 LIVERPOOL RD. PICKERING TOWN ON L1W 1R1	CA
Certificate #:		4-0065-85-866			
Application Year:		85			
Issue Date:		7/7/86			
Approval Type:		Industrial wastewater			
Status:		Received in 1985, Issued in 1986			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:		FISH HATCHERY			
Contaminants:		Nitrogen - Ammonia & Ammonium, Phosphorus, Dissolved And/Or Suspended Solids			
Emission Control:		Sedimentation/Clarificat.			
51	4 of 25	SE/296.8	75.8 / -4.00	COOLWATER FARMS LIMITED 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:		ON1766100		Status:	
SIC Code:		1021		Co Admin:	
SIC Description:		FISH PRODUCTS IND.		Choice of Contact:	
Approval Years:		93,94,95,96,97		Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
51	5 of 25	SE/296.8	75.8 / -4.00	COOLWATER/3444309 CANADA INC. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:		ON1766100		Status:	
SIC Code:		1021		Co Admin:	
SIC Description:		FISH PRODUCTS IND.		Choice of Contact:	
Approval Years:		98		Phone No Admin:	
PO Box No:				Contam. Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
51	6 of 25	SE/296.8	75.8 / -4.00	COOLWATER 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON1766100			Status:	
SIC Code:	1021			Co Admin:	
SIC Description:	FISH PRODUCTS IND.			Choice of Contact:	
Approval Years:	99,00,01			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
51	7 of 25	SE/296.8	75.8 / -4.00	Hy-Plant Watering Systems Inc. 591 Liverpool Rd Pickering ON L1W 1R1	SCT
Established:	1998				
Plant Size (ft²):					
Employment:					
--Details--					
Description:	All Other Plastic Product Manufacturing				
SIC/NAICS Code:	326198				
Description:	Pump and Compressor Manufacturing				
SIC/NAICS Code:	333910				
Description:	Doll, Toy and Game Manufacturing				
SIC/NAICS Code:	339930				
51	8 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status:	
SIC Code:	713930			Co Admin:	
SIC Description:	Marinas			Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: 04,05,06,07,08 PO Box No: Country:				Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 212					
Waste Class Desc: ALIPHATIC SOLVENTS					
Waste Class: 213					
Waste Class Desc: PETROLEUM DISTILLATES					
Waste Class: 221					
Waste Class Desc: LIGHT FUELS					
Waste Class: 252					
Waste Class Desc: WASTE OILS & LUBRICANTS					
51	9 of 25	SE/296.8	75.8 / -4.00	FRENCHMAN'S BAY MARINA 591 LIVERPOOL RD PICKERING ON L1W 1R1	RST
Headcode: 00824400					
Headcode Desc: MARINAS					
Phone:					
List Name:					
Description:					
51	10 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No: ON2249997				Status:	
SIC Code: 713930				Co Admin:	
SIC Description: Marinas				Choice of Contact:	
Approval Years: 2009				Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 212					
Waste Class Desc: ALIPHATIC SOLVENTS					
Waste Class: 213					
Waste Class Desc: PETROLEUM DISTILLATES					
Waste Class: 221					
Waste Class Desc: LIGHT FUELS					
Waste Class: 252					
Waste Class Desc: WASTE OILS & LUBRICANTS					
51	11 of 25	SE/296.8	75.8 / -4.00	Frenchman+s Bay Marina 591 Liverpool Road Pickering ON L1W 1R1	GEN
Generator No: ON4399157				Status:	
SIC Code: 713930				Co Admin:	
SIC Description: Marinas				Choice of Contact:	
Approval Years: 2009				Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PO Box No: Country:				Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
51	12 of 25	SE/296.8	75.8 / -4.00	Frenchman's Bay, 591 Liverpool Rd Pickering ON L1W 1R1	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20121106061 C Standard Select Report 15-NOV-12 06-NOV-12		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -79.07942 43.81331	
51	13 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON2249997 713930 Marinas 2010		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			
51	14 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:		ON2249997 713930 Marinas 2011		Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

51	15 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
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Generator No:	ON2249997	Status:
SIC Code:	713930	Co Admin:
SIC Description:	Marinas	Choice of Contact:
Approval Years:	2012	Phone No Admin:
PO Box No:		Contam. Facility:
Country:		MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

51	16 of 25	SE/296.8	75.8 / -4.00	FRENCHMAN'S BAY MARINA 591 LIVERPOOL RD PICKERING ON L1W1R1	RST
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Headcode:	00824400
Headcode Desc:	MARINAS
Phone:	9058395036
List Name:	INFO-DIRECT(TM) BUSINESS FILE
Description:	

51	17 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON	GEN
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Generator No:	ON2249997	Status:
SIC Code:	713930	Co Admin:
SIC Description:	MARINAS	Choice of Contact:
Approval Years:	2013	Phone No Admin:
PO Box No:		Contam. Facility:
Country:		MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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

51	18 of 25	SE/296.8	75.8 / -4.00	Ontario Power Generation Inc. 591 Liverpool Road Pickering ON	SPL
Ref No:	0384-A932M3			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2016/04/15			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	OIL (PETROLEUM BASED, NOT SPECIFIED)			Site Address:	591 Liverpool Road
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:				Site Municipality:	Pickering
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Surface Water			Northing:	4853308
MOE Response:	No			Easting:	653496
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2016/04/15			Site Map Datum:	
Dt Document Closed:	2016/06/22			SAC Action Class:	Primary Assessment of Spills
Incident Reason:	Unknown / N/A			Source Type:	
Site Name:	Frenchman's Bay <UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	OPG: Possible leak from diving boat to Frenchman's Bay				
Contaminant Qty:	0 other - see incident description				

51	19 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status:	
SIC Code:	713930			Co Admin:	
SIC Description:	MARINAS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Phone No Admin:	
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	221
Waste Class Desc:	LIGHT FUELS
Waste Class:	212

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		ALIPHATIC SOLVENTS			
51	20 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status:	
SIC Code:	713930			Co Admin:	
SIC Description:	MARINAS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2015			Phone No Admin:	
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
51	21 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status:	
SIC Code:	713930			Co Admin:	
SIC Description:	MARINAS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
51	22 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		252 T			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			

<u>51</u>	23 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Jul 2020			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

<u>Detail(s)</u>					
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		252 T			
Waste Class Desc:		Waste crankcase oils and lubricants			

<u>51</u>	24 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

<u>Detail(s)</u>					
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		252 T			
Waste Class Desc:		Waste crankcase oils and lubricants			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		221 I			
Waste Class Desc:		Light fuels			

<u>51</u>	25 of 25	SE/296.8	75.8 / -4.00	THE PICKERING HARBOUR COMPANY LTD. 591 LIVERPOOL ROAD PICKERING ON L1W 1R1	GEN
Generator No:	ON2249997			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Feb 2022			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

Detail(s)

Waste Class:	252 T
Waste Class Desc:	Waste crankcase oils and lubricants
Waste Class:	221 I
Waste Class Desc:	Light fuels
Waste Class:	213 I
Waste Class Desc:	Petroleum distillates
Waste Class:	212 L
Waste Class Desc:	Aliphatic solvents and residues

Unplottable Summary

Total: **33** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 22 Con 3	Pickering ON	
CA	Ontario Power Generation Inc.		Pickering ON	
CA	Ontario Power Generation Inc.		Pickering ON	
CA	Ontario Power Generation Inc.		Pickering ON	
CA	R.M. OF DURHAM	LIVERPOOL RD	PICKERING TOWN ON	
CA	R.M. OF DURHAM	FRONT ROAD	PICKERING TOWN ON	
CA	R.M. OF DURHAM	LIVERPOOL RD.	PICKERING TOWN ON	
CA	JESUIT FATHERS OF UPPER CANADA	LIVERPOOL RD.	PICKERING TOWN ON	
CA	Liverpool Road Townhouse Development	Part of Lot 22, Range 3	Pickering ON	
EBR	Ontario Power Generation Inc.	Pickering Nuclear Power Plant CITY OF PICKERING	ON	
EBR	The Pickering Harbour Company Ltd.	Part of Lot 24, Range 3, BFC, Plan 40R-2022 Pickering Ontario Pickering	ON	
GEN	Trans Northern Pipeline	Lot 23 Concession 3	Pickering ON	L4B 3P6
GEN	Jesuits of Upper Canada	Liverpool Road	Pickering ON	L1X 1V4
GEN	Jesuits of Upper Canada	Liverpool Road	Pickering ON	L1X 1V4
NCPL	ONTARIO POWER GENERATION INC. - PICKERING		PICKERING ON	
NCPL	ONTARIO POWER GENERATION INC. - PICKERING		PICKERING ON	

NCPL	Ontario Power Generation Inc. - Pickering Nuclear Generating Station		Pickering ON	
NCPL	Ontario Power Generation Inc. - Pickering Nuclear Generating Station		Pickering ON	
NCPL	ONTARIO POWER GENERATION INC. - PICKERING		PICKERING ON	
NCPL	Ontario Power Generation Inc. - Pickering Nuclear Generating Station		Pickering ON	
NCPL	ONTARIO POWER GENERATION INC. - PICKERING		PICKERING ON	
PRT	MOORE HAVEN WHARF INC	WHARF ST CON 1 BLOCK A	PICKERING ON	
SCT	Stelray Boats		Pickering ON	
SPL	Ontario Power Generation Inc.		Pickering ON	
SPL	Ontario Power Generation Inc.	Pickering A and B Nuclear Generating Station	Pickering ON	
SPL	Ontario Power Generation Inc.	Pickering A and B Nuclear Generating Station	Pickering ON	
SPL	Ontario Power Generation Inc.	Pickering A and B Nuclear Generating Station	Pickering ON	
SPL	Toronto and Region Conservation Authority<UNOFFICIAL>	foot of Liverpool Rd @ Frenchman's Bay	Pickering ON	
SPL	Canadian National Railway Company	CN Rail Tracks (East of Liverpool Road)	Pickering ON	
SPL	BRY RON CONTRACTING LIMITED	FRONT/COMMERCE MOTOR VEHICLE (OPERATING FLUID)	PICKERING TOWN ON	
SPL	Ontario Power Generation Inc.		Pickering ON	
SPL	Ontario Power Generation Inc.		Pickering ON	L1V 2R5
WWIS		lot 24	ON	

Unplottable Report

Site: Lot 22 Con 3 Pickering ON

Database:
AAGR

Type: Pit
Region/County: Durham
Township: Pickering
Concession: 3
Lot: 22
Size (ha):
Landuse: landfill
Comments:

Site: Ontario Power Generation Inc.
Pickering ON

Database:
CA

Certificate #: 4881-5MHQ9F
Application Year: 2006
Issue Date: 4/19/2006
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Ontario Power Generation Inc.
Pickering ON

Database:
CA

Certificate #: 4881-5MHQ9F
Application Year: 2008
Issue Date: 6/10/2008
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Ontario Power Generation Inc.
Pickering ON

Database:
CA

Certificate #: 4881-5MHQ9F
Application Year: 2009
Issue Date: 8/14/2009
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:

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

Site: R.M. OF DURHAM
LIVERPOOL RD PICKERING TOWN ON

Database:
CA

Certificate #: 7-0887-87-
Application Year: 87
Issue Date: 7/7/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF DURHAM
FRONT ROAD PICKERING TOWN ON

Database:
CA

Certificate #: 3-0986-88-
Application Year: 88
Issue Date: 6/24/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: R.M. OF DURHAM
LIVERPOOL RD. PICKERING TOWN ON

Database:
CA

Certificate #: 7-0387-88-
Application Year: 88
Issue Date: 4/11/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: JESUIT FATHERS OF UPPER CANADA
LIVERPOOL RD. PICKERING TOWN ON

Database:
CA

Certificate #: 7-0987-85-006
Application Year: 85
Issue Date: 11/5/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Liverpool Road Townhouse Development
Part of Lot 22, Range 3 Pickering ON*

Database:
[CA](#)

Certificate #: 6053-5BWK89
Application Year: 02
Issue Date: 7/15/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 974582 Ontario Ltd.
Client Address: 7 Briancliff Drive
Client City: Toronto
Client Postal Code:
Project Description: This application is for the construction of sanitary sewer on Liverpool Road for Glenbrook Homes.
Contaminants:
Emission Control:

Site: *Ontario Power Generation Inc.
Pickering Nuclear Power Plant CITY OF PICKERING ON*

Database:
[EBR](#)

EBR Registry No: IA9E0912
Ministry Ref No: CR99003
Notice Type: Instrument Exception
Notice Stage:
Notice Date: October 06, 1999
Proposal Date:
Year:
Instrument Type: (EPA s. 10) - Approval of a program preventing, reducing, or controlling discharge
Off Instrument Name:
Posted By:
Company Name: Ontario Power Generation Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address:
Comment Period:
URL:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

Pickering Nuclear Power Plant CITY OF PICKERING

Site: *The Pickering Harbour Company Ltd.
Part of Lot 24, Range 3, BFC, Plan 40R-2022 Pickering Ontario Pickering ON*

Database:
[EBR](#)

EBR Registry No: IA03E0376
Ministry Ref No: 1415-5KQMCT
Notice Type: Instrument Decision
Notice Stage:

Decision Posted:
Exception Posted:
Section:
Act 1:

Notice Date: May 29, 2003
Proposal Date: March 18, 2003
Year: 2003
Instrument Type: (EPA s. 27) - Approval for a waste disposal site.
Off Instrument Name:
Posted By:
Company Name: The Pickering Harbour Company Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1295 Wharf Street, Pickering Ontario, L1W 1A2
Comment Period:
URL:

Act 2:
Site Location Map:

Site Location Details:

Part of Lot 24, Range 3, BFC, Plan 40R-2022 Pickering Ontario Pickering

Site: *Trans Northern Pipeline* **Database:**
GEN
Lot 23 Concession 3 Pickering ON L4B 3P6

Generator No: ON8623147
SIC Code: 486910
SIC Description: Pipeline Transportation of Refined Petroleum Products
Approval Years: 04
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Site: *Jesuits of Upper Canada* **Database:**
GEN
Liverpool Road Pickering ON L1X 1V4

Generator No: ON4806843
SIC Code: 623999
SIC Description: All Other Residential Care Facilities
Approval Years: 2010
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: *Jesuits of Upper Canada* **Database:**
GEN
Liverpool Road Pickering ON L1X 1V4

Generator No: ON4806843
SIC Code: 623999
SIC Description: All Other Residential Care Facilities
Approval Years: 2011
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Site: *ONTARIO POWER GENERATION INC. - PICKERING* **Database:**
NCPL
PICKERING ON

Year: 1999

Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: Clean Water Reg.
Contaminant: Acute Lethality - daphnia
Status Report:

Site: **ONTARIO POWER GENERATION INC. - PICKERING PICKERING ON**

Database:
NCPL

Year: 1999
Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: Clean Water Reg.
Contaminant: Acute Lethality - trout
Status Report:

Site: **Ontario Power Generation Inc. - Pickering Nuclear Generating Station Pickering ON**

Database:
NCPL

Year: 2002
Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: C of A
Contaminant: Morpholine
Status Report:

Details

Incident Date:
Exceedance Start Date:
Exceedance End Date:
Limit/Unit/Freq:
Quantity Min/Max:
Facility Action: ceased operations
Ministry Action: Assessment complete - no further action required

Site: **Ontario Power Generation Inc. - Pickering Nuclear Generating Station Pickering ON**

Database:
NCPL

Year: 2002
Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: C of A
Contaminant: flow
Status Report:

Details

Incident Date:
Exceedance Start Date:
Exceedance End Date:
Limit/Unit/Freq:
Quantity Min/Max:

Facility Action: operational process modification
Ministry Action: Assessment complete - no further action required

Site: **ONTARIO POWER GENERATION INC. - PICKERING
PICKERING ON**

Database:
NCPL

Year: 1999
Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: Clean Water Reg.
Contaminant: Total Suspended Solids
Status Report:

Site: **Ontario Power Generation Inc. - Pickering Nuclear Generating Station
Pickering ON**

Database:
NCPL

Year: 2002
Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: C of A
Contaminant: chlorine
Status Report:

Details

Incident Date:
Exceedance Start Date:
Exceedance End Date:
Limit/Unit/Freq:
Quantity Min/Max:
Facility Action: equipment repair
Ministry Action: Under Investigation, Assessment complete - no further action required

Site: **ONTARIO POWER GENERATION INC. - PICKERING
PICKERING ON**

Database:
NCPL

Year: 1999
Site Name:
Facility Owner:
Discharge Type: Wastewater
Sector: Electric Power
District Area: York-Durham
Type of Concern: Clean Water Reg.
Contaminant: pH
Status Report:

Site: **MOORE HAVEN WHARF INC
WHARF ST CON 1 BLOCK A PICKERING ON**

Database:
PRT

Location ID: 11751
Type: retail
Expiry Date: 1995-05-31
Capacity (L): 0
Licence #: 0019741001

Site: **Stelray Boats
Pickering ON**

Database:
SCT

Established: 1986
Plant Size (ft²):
Employment:

--Details--

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

Description: Boat Building
SIC/NAICS Code: 336612

Site: Ontario Power Generation Inc.
Pickering ON

Database:
SPL

Ref No:	3305-87N9Z4	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Discharge Or Bypass To A Watercourse	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	44	Nearest Watercourse:	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	7/24/2010	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Watercourse Spills
Incident Reason:		Source Type:	
Site Name:	Pickering A and B Nuclear Generating Station		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Pickering A: 100 L sewage to Lake Ontario, pump fail		
Contaminant Qty:	100 L		

Site: Ontario Power Generation Inc.
Pickering A and B Nuclear Generating Station Pickering ON

Database:
SPL

Ref No:	6686-6Y6QSK	Discharger Report:	
Site No:		Material Group:	Gases/Particulate
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	Electric Power Generation (MISA)
Incident Event:		Agency Involved:	
Contaminant Code:	38	Nearest Watercourse:	
Contaminant Name:	Freon R-11 (CFC)	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Pickering
Nature of Impact:	Air Pollution	Site Lot:	
Receiving Medium:	Air	Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:	No Field Response	Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/6/2007	Site Map Datum:	
Dt Document Closed:	11/17/2007	SAC Action Class:	
Incident Reason:		Source Type:	
Site Name:	Pickering A and B Nuclear Generating Station		
Site County/District:			

Site Geo Ref Meth:
Incident Summary: OPG Pickering: 131kg of R11 to atms
Contaminant Qty: 131 kg

Site: Ontario Power Generation Inc.
Pickering A and B Nuclear Generating Station Pickering ON

Database:
SPL

Ref No: 0872-73YMXD
Site No:
Incident Dt:
Year:
Incident Cause: Discharge or Emission to Air
Incident Event:
Contaminant Code: 38
Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Air Pollution
Receiving Medium: Air
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/8/2007
Dt Document Closed: 11/3/2007
Incident Reason:
Site Name: Pickering A and B Nuclear Generating Station
Site County/District:
Site Geo Ref Meth:
Incident Summary: Pickering A Nuclear: 110 Kg R123 to atm
Contaminant Qty: 110 kg

Discharger Report:
Material Group: Gases/Particulate
Health/Env Conseq:
Client Type:
Sector Type: Electric Power Generation (MISA)
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Pickering
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Ontario Power Generation Inc.
Pickering A and B Nuclear Generating Station Pickering ON

Database:
SPL

Ref No: 4535-7DY6CL
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Contaminant Code: 41
Contaminant Name: WATER, HEAVY (D2-O)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact:
Nature of Impact:
Receiving Medium:
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/22/2008
Dt Document Closed:
Incident Reason:
Site Name: Pickering A and B Nuclear Generating Station
Site County/District:
Site Geo Ref Meth:
Incident Summary: Pickering NGS: 100mL D2O to sand covered asphalt from drum
Contaminant Qty: 100 mL

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Electric Power Generation (MISA)
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: York-Durham
Site Postal Code:
Site Region:
Site Municipality: Pickering
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Radioactive Spills (non-nuclear generating station releases)
Source Type:

Site: Toronto and Region Conservation Authority<UNOFFICIAL>

Database:
SPL

foot of Liverpool Rd @ Frenchman's Bay Pickering ON

Ref No: 4860-7E43HV
Site No:
Incident Dt:
Year:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Other Impact(s); Soil Contamination; Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: Priority Field Response (ERP Callout)
Dt MOE Arvl on Scn: 4/26/2008
MOE Reported Dt: 4/26/2008
Dt Document Closed:
Incident Reason: Spill
Site Name: SE corner of Frenchman's Bay and under Liverpool Rd Bridge<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Frenchman's Bay - diesel on water - unknown source
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type: Unknown
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: York-Durham
Site Postal Code:
Site Region:
Site Municipality: Pickering
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Great Lakes and their Interconnecting Channels Spills
Source Type:

Site: Canadian National Railway Company
CN Rail Tracks (East of Liverpool Road) Pickering ON

Database:
SPL

Ref No: 6300-842RE5
Site No:
Incident Dt:
Year:
Incident Cause: Derailment
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium:
Receiving Env:
MOE Response: Priority Field Response (ERP Callout)
Dt MOE Arvl on Scn: 3/30/2010
MOE Reported Dt: 3/30/2010
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: CN Rail Tracks (East of Liverpool Road), Pickering
Site County/District:
Site Geo Ref Meth:
Incident Summary: CN- train derailment- 2700L diesel to gravel
Contaminant Qty: 2700 L

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

Site: BRY RON CONTRACTING LIMITED
FRONT/COMMERCE MOTOR VEHICLE (OPERATING FLUID) PICKERING TOWN ON

Database:
SPL

Ref No: 69990
Site No:
Incident Dt: 5/2/1992
Year:
Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:

Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Surface Water Pollution
Receiving Medium: LAND / WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/2/1992
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: BRY RON CONTRACTING: DIESEL FUEL SPILLED FROM VEHICLE
Contaminant Qty:

Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 10403
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: Ontario Power Generation Inc.
 Pickering ON

Database:
 SPL

Ref No: 2136-888VNG
Site No:
Incident Dt:
Year:
Incident Cause:
Incident Event:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/11/2010
Dt Document Closed: 8/14/2010

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Northing: NA
Easting: NA
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Great Lakes and their Interconnecting Channels Spills
Source Type:

Incident Reason:
Site Name: Pickering A and B Nuclear Generating Station
Site County/District:
Site Geo Ref Meth:
Incident Summary: Hydro Pickering "A"-2 L Diesel to Lake Ontario; no recovery
Contaminant Qty: 2 L

Site: Ontario Power Generation Inc.
 Pickering ON L1V 2R5

Database:
 SPL

Ref No: 6163-8LAL3W
Site No:
Incident Dt: 9/1/2011
Year:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Contaminant Code: 15
Contaminant Name: OIL (PETROLEUM BASED, NOT SPECIFIED)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Other
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:

Environment Impact:	Not Anticipated	Site Municipality:	Pickering
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:	No Field Response	Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/1/2011	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Watercourse Spills
Incident Reason:	Spill	Source Type:	
Site Name:	Pickering A and B Nuclear Generating Station		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Pickering Nuclear: oil spill to Lake Ontario, stopped		
Contaminant Qty:	60 L		

Site:
lot 24 ON

Database:
WWIS

Well ID:	1915709	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Abandoned-Other	Date Received:	23-Apr-2002 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	238818	Contractor:	4743
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	DURHAM
Elevatn Reliabilty:		Lot:	024
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	PICKERING TOWN		
Site Info:			

Bore Hole Information

Bore Hole ID:	10524371	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09-Apr-2002 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	961915709
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID: 11072941
Casing No: 1
Comment:
Alt Name:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-May 31, 2022

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks:

Provincial CFOT

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, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Apr 2022

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Jun 2022

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jun 30, 2022

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Feb 28, 2022

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011- Apr 30, 2022

Environmental Registry:

Provincial [EBR](#)

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

Government Publication Date: 1994 - Jun 30, 2022

Environmental Compliance Approval:

Provincial [ECA](#)

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

Government Publication Date: Oct 2011- Apr 30, 2022

Environmental Effects Monitoring:

Federal [EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private [EHS](#)

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

Government Publication Date: 1999-Mar 31, 2022

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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, 2021

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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 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.

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Apr 2022

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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 system may be refused product delivery.

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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, 2022

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Feb 28, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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 is 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, 2022

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: 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 include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 21, 2022

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2022

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

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

Government Publication Date: Dec 31, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-May 31, 2022

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994 - Jun 30, 2022

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 2011- Apr 30, 2022

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Jun 30, 2022

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jun 2022

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private [TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

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

Government Publication Date: 1970 - Dec 2020

Variations for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011- Apr 30, 2022

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: Jan 31, 2022

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX V
GOVERNMENT AND REGULATORY INFORMATION

Ministry of the Environment,
Conservation and Parks

Corporate Management Division

Ministère de l'Environnement, de la
Protection de la nature et des Parcs

Division de la gestion ministérielle

September 13, 2022

Sara Sutherland
Terrapex Environmental Ltd.

Dear Sara Sutherland
RE: Request #: EPI-2022-2000001164
Requestor provided Client Reference: CT3414.01
Site address: 640 Liverpool Road, Pickering || 607 - 609 Annland Street (Odd),
Pickering

This letter confirms that, after conducting a thorough search of its source system applications, the ministry has identified potential records related to your property request. Our search indicates that the ministry may hold the following records:

- Waste Generator number/classes
- Correspondence, Abatement, Occurrence reports
- Incident Reporting

If you would like to proceed to submit a Freedom of Information request to the ministry, please visit [FOI eForm](#).

If you have any questions regarding the matter, please contact the ministry at eproperty@ontario.ca.

Sincerely,

Environmental Property Information (EPI) Program

Disclaimer

This search result is provided for informational purposes only and is not intended to provide specific advice or recommendations. The Ministry of the Environment, Conservation and Parks (MECP) cannot and does not guarantee that the information provided is current, accurate, complete, or free of errors. Any reliance upon this information is solely at the risk of the user.



**Ministry of the Environment,
Conservation and Parks**

Corporate Management Division

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**

Division de la gestion ministérielle

Le 13 septembre 2022

Sara Sutherland
Terrapex Environmental Ltd.

Madame,
Monsieur, Sara Sutherland
Objet : No de demande : EPI-2022-2000001164
Le demandeur a fourni une référence client: CT3414.01
Adresse du site: 640 Liverpool Road, Pickering || 607 - 609 Annland Street (Impair),
Pickering

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ses applications de système source, le ministère a circonscrit des dossiers potentiels reliés à votre demande concernant des biens immobiliers. Notre recherche indique que les dossiers suivants peuvent être en possession du ministère:

- Waste Generator number/classes
- Correspondence, Abatement, Occurrence reports
- Incident Reporting

Si vous souhaitez présenter une demande d'accès à l'information au ministère, nous vous invitons à visiter le [Formulaire électronique FOI](#).

Si vous avez des questions concernant votre demande, nous vous invitons à communiquer avec le ministère à l'adresse électronique suivante : eproperty@ontario.ca.

Veillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

Avertissement

Ce résultat de recherche est fourni uniquement à titre informatif et n'a aucunement pour but de donner des conseils particuliers ou des recommandations. Le ministère de l'Environnement de

la Protection de la nature et des Parcs (MEPP) ne peut pas garantir que les renseignements fournis sont à jour, exacts, complets et exempts d'erreurs. L'utilisateur qui se fie à ces renseignements le fait à ses seuls risques.

**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075



November 16, 2022

Sara Sutherland
Terrapex Environmental Ltd
90 Scarsdale Rd
Toronto, Ontario M3B 2R7
s.sutherland@terrapex.com

Dear Sara Sutherland:

**RE: MECP FOI A-2022-07788, Your Reference #: CT3414.01 – Record
Release Letter**

This letter is further to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 640 Liverpool Road, 607 and 609 Annland Street (Historically Known as 1280, 1288, 1290, 1292, 1294 Wharf Street), Pickering.

Attached is a copy of the records.

If you have any questions, please contact Nicole Pitton at 1-807-933-0928 or Nicole.Pitton@ontario.ca.

Yours truly,

A handwritten signature in cursive script that reads "Nicole Pitton".

For

Ryan Gunn
Manager (A), Access and Privacy Office

Attachment



Generator Details

Registration/Notification Number

ON1098900

Legal Company Name

Primary Name:	JOHN AVIS HAULAGE LIMITED	Division Name:	NA
---------------	---------------------------	----------------	----

Company Operating Name

Primary Name:	JOHN AVIS HAULAGE LIMITED	Division Name:	NA
---------------	---------------------------	----------------	----

Mailing Address

Division Building:	NA	Post Box Number:	NA
Address Line 1:	640 LIVERPOOL ROAD SOUTH	Address Line 2:	NA
Town/City:	PICKERING	Postal Code / Zip Code:	L1W 1R2
County: (if inside Ontario)	DURHAM (R. M.)	Province/State (if inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (if outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	NA	Post Box Number:	NA
Address Line 1:	640 LIVERPOOL ROAD SOUTH		
Address Line 2:	NA		
Town/City:	PICKERING	Postal Code / Zip Code:	L1W 1R2
County: (if inside Ontario)	DURHAM (R. M.)	Province / State (if inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (if outside Canada / US)	NA
Country:	Canada		

Company Official

000001



Search

Go

Company Name: **JOHN AVIS HAULAGE LIMITED**
Company Number: **ON1098900 (Generator)**

Active Waste Classes

Active Waste Class Listing

[Add New Waste Class](#) | [Inactive waste classes](#)

Active Off-site Waste Classes

Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status	UnRegister Waste Class
252 - L	View details	N/A					Liquid	Off-Site	Active	<input type="checkbox"/>

Unregister Selected Classes

Back



Search

Go

Company Name: **JOHN AVIS HAULAGE LIMITED**
Company Number: **ON1098900 (Generator)**

Inactive Waste Classes

Inactive Waste Class Listing

[Add New Waste Class](#) [Active waste classes](#)

Inactive Off-site Waste Classes

Waste Class	Physical State	Off-Site	Status	Activate	
252 - T	Liquid	Off-Site	Inactive	<input type="radio"/>	View Details <input type="button" value="Activate"/>



Generator Details

Registration/Notification Number

ON5220700

Legal Company Name

Primary Name:	RB Morgan Construction Ltd.	Division Name:	NA
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Company Operating Name

Primary Name:	RB Morgan Construction Ltd.	Division Name:	NA
---------------	-----------------------------	----------------	----

Mailing Address

Division Building:	NA	Post Box Number:	NA
Address Line 1:	1289 Wharf Street	Address Line 2:	NA
Town/City:	Pickering	Postal Code / Zip Code:	L1W 1A3
County: (if inside Ontario)	DURHAM (R. M.)	Province/State (if inside Canada/US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (if outside Canada / US)	NA
Country:	Canada		

Site Location

This should be the street address of the site that is being registered. You are required to register each site that generates hazardous waste separately.

Division Building:	Construction Storage	Post Box Number:	NA
Address Line 1:	1290 Wharf Street		
Address Line 2:	NA		
Town/City:	Pickering	Postal Code / Zip Code:	L1W 1A3
County: (if inside Ontario)	DURHAM (R. M.)	Province / State (if inside Canada / US)	ONTARIO
County: (if outside Ontario)	NA	Province / State (if outside Canada / US)	NA
Country:	Canada		

Company Official

000004



Search

Go

Company Name: **RB Morgan Construction Ltd.**
Company Number: **ON5220700 (Generator)**

Active Waste Classes

Active Waste Class Listing

[Add New Waste Class](#) | [Inactive waste classes](#)

Active Off-site Waste Classes

Waste Class	View Details	Hazardous Waste Number (per waste stream)	Reg. 347 Schedules	Disposal Method	Part 2B required	Part 2B complete	Physical State	Off-Site	Status	UnRegister Waste Class
221 - I	View details	D001	5, 13	Land Disposal	Y	Y	Liquid	Off-Site	Active	<input type="checkbox"/>
251 - L	View Details	N/A					Liquid	Off-Site	Active	<input type="checkbox"/>
252 - L	View Details	N/A					Liquid	Off-Site	Active	<input type="checkbox"/>

Unregister Selected Classes

Back



INCIDENT REPORT

Reference Number:	3002-BEBLET	Module Type:	Legislation Non-Compliance
Status:	Closed	File Storage Number:	SIYD-PI-WH-100 - 1290 WHARF STREET (RALPH MORGAN)
Program:	Waste - Solid/Non-hazardous	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

First Name:	Last Name:

s.21

Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2 Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W

1A2
Telephone: (905)839-7678
Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details

1290 Wharf St.<UNOFFICIAL>
Address: Lot: , Part: , Morgan property - 1290 Wharf St., Pickering, City, Regional Municipality of Durham
District Office: York-Durham

Incident Summary:

possible asbestos mismanagement

Initial Incident Description (as reported):

Created: Steve Batten (York Durham District Office) - 2019/07/22 11:42:04 AM

Caller reports that approx. 3 months ago the owner of the site (Mr. Morgan) had a building gutted with all internal materials removed. Caller believes there was asbestos present and is concerned about local impacts. 1st contractor refused the the work. Second contractor gutted the building - workers not properly protected if asbestos present. Does not know the name of the contractor or the waste disposal company. Caller was refered to MOL who may have more info on site if asbestos was present. Also refered caller to municipality regarding any plans or permits which may have info re asbestos at site and contractor. Explained to caller MECP role with asbestos is the waste - bagging, identification, transport and disposal.

SAC Action Class:

Non-Standard Procedure:

No

Incident Description:

Last update: Kathleen Klinck (York Durham District Office) - 2019/09/09 01:52 PM

Incident Description Continuation:

Kathleen Klinck (York Durham District Office) - 2019/09/09 created; 2019/09/09 last update :
2019/07/22

***** This complaint is from a [REDACTED] regarding staining on the street and on the client's properties that have been addressed. Apparently, according to Ralph Morgan, there are ongoing disputes and an upcoming OMB hearing regarding [REDACTED] planned development of lands on Wharf Street which the [REDACTED]

15:23 Area EO K. Klinck contacted property owner Ralph Morgan. There was a flood at the property and the insurance company hired a company that did asbestos checks. Some of the walls contained asbestos. The company is not covered for asbestos. He is waiting for payment. He will get a company to deal with the asbestos before the house is either renovated or torn down.

13:44 and 16:39 K. Klinck emailed the caller (files attached), informing him of findings and referred him to appropriate agency should he have concerns (Ministry of Labour).

No further abatement action is required. Closure of this report is recommended.

s.21

Incident Update:

Was there an MOE field response?	No
Were there samples collected / analyzed at any time?	No
Known or Suspected Health / Environmental Consequence at the Time of Incident	
Health / Environmental Consequence:	0 - No Impact

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
No	

Attachments:	
Attachments Names:	1290 Wharf Street - Emails re Disposal of Asbestos Waste Complaint.msg
Links & Comments:	

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report? (legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
--	---

Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList
------	--------------	---------------------------------	------	------------

Waste / EGR Information

Waste / EGR Information entries:

Document Related Information

Cross Reference:	(doc link)	Task Link:	0420-BEBLPY 
Originating Document:		Created by:	Steve Batten
Date Created:	2019/07/22	Date Completed:	2019/11/27
Office Receiving Incident Report:	York Durham District Office	Incident Info Received By:	Steve Batten
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

Supervisor:

Name:	Kristen Sones
Work Unit:	
District/Area Office:	
Date:	2019/11/27
Signature:	

Schick, Michelle (MECP)

From: Klinck, Kathleen (MECP)
Sent: July 22, 2019 4:28 PM
To: JEFF O'DONNELL
Cc: Batten, Steve (MECP)
Subject: RE: The Port Restaurant - Pickering, Disposal of Asbestos Waste

Hello Jeff,

Sorry, there was a typo in the previous e-mail I sent to you, so I corrected it to avoid confusion.

The homeowner's insurance company for 1290 Wharf Street retained the services of a company to do work at the house following a flood. The owner confirmed the company checked for asbestos and confirmed that there is asbestos on some of the walls, which they did not touch, as they do not do asbestos removal. The homeowner informed me that the asbestos will be handled properly when the house is either renovated or torn down.

As I informed you immediately following my inspection of the gravelled lot, the restaurant parking lot and the road between the two, although staining was observed, there was no evidence of oily material in the storm sewer catch basins that I inspected and no evidence of oily runoff. As I observed no discharge into any waters or any place that may impair the quality of the water of any waters or water body, the Ontario Water Resources Act would not apply.

I have informed the owner of the properties of the clean-up requirements for the staining caused by previously spilled oily material. The owner of the properties undertook a clean-up of the staining on the road after consulting with a City official to ensure that the clean-up would be effective with no impact to storm sewers. He anticipates that clean-up of the staining on the surface of his own properties will be completed by the end of the week.

In addition to the Ministry of Labour which you may want to contact with respect to the asbestos, you may wish to contact the other agencies you mentioned directly to determine what other legislation if any may apply. I believe the MPP for Pickering-Uxbridge is the Honourable Peter Bethlenfalvy.

Kathleen Klinck

Senior Environmental Officer
York-Durham District Office
Central Region
Ministry of the Environment, Conservation and Parks
New Number: 905-424-1846

s.21**From:** [REDACTED]
Sent: July 22, 2019 2:23 PM
To: Klinck, Kathleen (MECP) <Kathleen.Klinck@ontario.ca>
Cc: Batten, Steve (MECP) <Steve.Batten@ontario.ca>
Subject: Re: The Port Restaurant - Pickering, Disposal of Asbestos Waste

Thank you both for looking into this but the problem was not with the Port Restaurant but with the empty house across the street at 1290 Wharf Street. It has been completely stripped of drywall and insulation.

Is the Port Restaurant going to clean up the fuel spill in his parking lot and the empty boat yard across the road at 1294? 1294 should be tested and dug up. The amount of fluid that leaked into the ground has visually saturated 2-3 locations in that lot.

Is the spill at 1294 Wharf Street not covered under the following acts, legislation?

Fisheries Act
Fisheries Protection And Pollution Prevention.

Ontario Water Resources Act.

Ontario Regulation 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000

We are very concerned because as stated before we have seen the run off of fluids from 1294 Wharf Street go directly into Frenchman's Bay on 3 separate occasions during heavy rain.

Who is responsible to enforce the Acts and who should I contact to elevate this problem? TRCA, MPP's ?

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CLASS VIII — PETROLEUM SPILLS

8. (1) A Class VIII spill is a spill of gasoline or an associated product, as those terms are defined in Ontario Regulation 217/01 (Liquid Fuels) made under the *Technical Standards and Safety Act, 2000*, at a location defined in that regulation as a bulk plant, marina, private outlet or retail outlet,

(a) of not more than 100 litres in areas restricted from public access; or

(b) of not more than 25 litres in areas with public access.
O. Reg. 675/98, s. 8 (1); O. Reg. 225/07, s. 3.

(2) A Class VIII spill is exempt from clauses 92 (1) (a) and (b) and subsections 92 (3) and (4) of the Act if,

(a) the spill does not enter and is not likely to enter any waters, as defined in the *Ontario Water Resources Act*, directly or through drainage structures;

(b) the spill does not cause and is not likely to cause any adverse effects, other than those that are readily remediated through cleanup and restoration of paved, gravelled or sodded surfaces; and

(c) arrangements for the remediation referred to in clause (b)

Regards

Jeff

On Jul 22, 2019, at 1:44 PM, Klinck, Kathleen (MECP) <Kathleen.Klinck@ontario.ca> wrote:

Hello Jeff,

Thank you for your call this morning regarding your concerns about possible asbestos removal and disposal resulting from demo/reno activities at The Port Restaurant three months ago.

No site visit was involved as the demo activities of concern were three months ago and the waste materials would already have been removed. I spoke with the owner of the restaurant this morning and he informed me that no asbestos was used in the construction of the restaurant and therefore no asbestos was removed from the restaurant for disposal.

I understand our duty officer Steve Batten advised you to contact the Ontario Ministry of Labour with respect to your concerns about asbestos which you believe may have been contained in the building. If you or the Ministry of Labour has any further information to offer with respect to improper asbestos waste disposal, I may be reached at the number below or by email.

Thank you for your call.

Kathleen Klinck

Senior Environmental Officer
York-Durham District Office
Central Region
Ministry of the Environment, Conservation and Parks
New Number: 905-424-1846



INCIDENT REPORT

Reference Number:	3857-BDVNV5	Module Type:	Pollution Incident Report (PIR)
Status:	Closed	File Storage Number:	SIYD-PI-WH-100 - 1289 AND 1294 WHARF STREET (RALPH MORGAN/PORT RESTAURANT)
Program:	Water - Ground & Surface	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

Name of Company:

MAILING ADDRESS			
Civic Address:		Unit Identifier:	
Delivery Designator:		Delivery Identifier:	
Municipality/ Unorganized Twp:	County/District:	Province/State:	Postal Code:
		Ontario	
Postal Station:		Country:	Canada
Telephone Number:	Extension:	Other Number:	Email Address:

Date Reported to MOE:	2019/07/08	Time Reported to MOE:	13:47
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Date of Incident:	2019/07/08	Time of Incident:	
Incident Date Confirmation:	Estimated		

Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2 Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W 1A2 Telephone: (905)839-7678

Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details
Ralph Morgan Address: 1294 Wharf St Boat Storage Lot and Morgan General Contractors Office Trailer, Pickering, City, Regional Municipality of Durham District Office: York-Durham LIO GeoReference: Zone: 17, UTM Easting: 654192.82, UTM Northing: 4853226.9, Latitude: 43.816033, Longitude: -79.08270 Site #: 5462-BF8JCM

Incident Summary:
HOTLINE: ongoing runoff issue impacts to Frenchman's Bay

Initial Incident Description (as reported):
Created: Mark C Harris (Spills Action Centre) - 2019/07/08 01:47:22 PM
1345h HOTLINE: caller complaining of ongoing runoff issue from gravel lot: 3-4 large stains in gravel parking lot that runs off into Frenchman's Bay, Pickering. Caller states he has observed the runoff from this site on three occasions. Location: 1294 Wharf Street, Pickering. Caller states the owner of the Port Restaurant (1289 Wharf Street) opposite this location is the owner of this lot and the equipment that is leaking. Ongoing issue for years. Caller stated local officer had already been to site, but he did not believe she went onto the gravel lot itself to assess.

SAC Action Class:	Pollution Incident Reports (PIRs) and "Other" calls
Non-Standard Procedure:	No

Incident Description:
Last update: Kathleen Klinck (York Durham District Office) - 2019/09/09 03:48 PM
.

Incident Description Continuation:
Kathleen Klinck (York Durham District Office) - 2019/09/09 created; 2019/09/09 last update : Clean-up of the site is complete. See IR 7323-BDBR7R for details.
Closure of this report is recommended.

Incident Update:

Was there an MOE field response?	Yes
Site Visit (other than inspection or ERP Response):	Yes
Inspection:	Yes

ERP Response:			
Date of Arrival at Site:	2019/06/26	Time of Arrival at Site:	12:40
Were there samples collected / analyzed at any time?	No		
Known or Suspected Health / Environmental Consequence at the Time of Incident			
Health / Environmental Consequence:	2 - Minor Environment		

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
Yes	

Contaminants Table

Contaminant Name	Description	Code	UN#	Limit	Quantity	[units]	[freq]

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report? (legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
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Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList
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Waste / EGR Information

Waste / EGR Information entries:

Document Related Information

Cross Reference:	7837-BDWJFA 7323-BDBR7R (doc link)	Task Link:	5568-BDVP2S 
Originating Document:		Created by:	Mark C Harris
Date Created:	2019/07/08	Date Completed:	2019/11/27
Office Receiving Incident Report:	Spills Action Centre	Incident Info Received By:	Mark C Harris
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

Supervisor:

Name:	Kristen Sones
Work Unit:	
District/Area Office:	
Date:	2019/11/27
Signature:	



INCIDENT REPORT

Reference Number:	7837-BDWJFA	Module Type:	Pollution Incident Report (PIR)
Status:	Closed	File Storage Number:	SIYD-PI-WH-100 - 1289 AND 1294 WHARF STREET (RALPH MORGAN/PORT RESTAURANT)
Program:	Waste - Hazardous & Liquid industrial	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

First Name:	Last Name:
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[Redacted area]

Date Reported to MOE:	2019/07/09	Time Reported to MOE:	10:00
Date of Incident:	2019/06/10	Time of Incident:	
Incident Date Confirmation:	Actual		

Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant

Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2
Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W 1A2
Telephone: (905)839-7678
Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details
Port Restaurant Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, L1W 1A2 District Office: York-Durham LIO GeoReference: Zone: 17, UTM Easting: 654161.11, UTM Northing: 4853123.1, Latitude: 43.815106, Longitude: -79.08312 Site #: 5546-BDBS4U + + + + Ralph Morgan Address: 1294 Wharf St Boat Storage Lot and Morgan General Contractors Office Trailer, Pickering, City, Regional Municipality of Durham District Office: York-Durham LIO GeoReference: Zone: 17, UTM Easting: 654192.82, UTM Northing: 4853226.9, Latitude: 43.816033, Longitude: -79.08270 Site #: 5462-BF8JCM

Incident Summary:
Pickering hydraulic fluid spill

Initial Incident Description (as reported):
Created: Julianne Dominski (Spills Action Centre) - 2019/07/09 10:00:24 AM
TIPS Email rec'd Good afternoon Please look into the following issues from the above properties as we have had fluid leaking into Frenchman's Bay on 3-4 separate occasions when we have heavy rain. June 10th - Heavy rain and fluid seen coming from the gravel lot at 1294 Wharf Street onto Wharf street and into Frenchman's Bay. June 12th - Picture of a large puddle of fluid under a loader at 1294 Wharf Street. Loader still dripping fluid and saturating the ground. June 13th - Heavy rain and fluid seen coming from the gravel lot at 1294 Wharf Street onto Wharf street and into Frenchman's Bay. June 15th - Leaking Loader did 4-6 trips back and forth across Wharf Street while still leaking. Very obvious. They knew it was severely leaking and kept using it causing leaks in the lot of 1294 Wharf, across Wharf street and into the paved parking lot of the Port Restaurant at 1289 Wharf Street. June 20th - Heavy rain and fluid seen coming from the gravel lot at 1294 Wharf Street onto Wharf street and into Frenchman's Bay. June 29th - Pictures of the spill in the Port Restaurant parking lot.

This has been an ongoing issue and it is obvious the owner was in control of the fluid and neglected to repair it or contain it while still using and driving the machine from the gravel lot across Wharf street into the parking lot of 1289 Wharf on numerous occasions.

The gravel lot at 1294 must be tested as the staining has been going on for years and when we get heavy rain you can physically see the sheen from the fluid running down Wharf street into Frenchman's Bay.

Could this be related to another spill that happened around the shoreline of Frenchman's Bay around June 28th? I don't know the exact date.

Attached are some pictures.

10:06 SACJd to City of Pickering Works left message requesting call back

10:47 SACjd to City of Pickering briefed Cheryl

1102h City of Pickering [Mike] to SAC[mch requesting further details on IR. City believes MECP should be addressing the owner of the property, as the City has had difficulty dealing with this individual in the past. Mike notes he will attend site now and assess the area and report back with findings.

11:36 Email received from the City of Pickering (see attached for full email)

As a follow up to the above noted spill incident and my conversation with S.A.C. staff,

A site review conducted 10 min ago at 1294 Wharf St yields :

no continue contamination source visible although previous discharge staining contained within the private lands is noted.

No impact to the municipal storm sewer network (via roadside Catchbasin) as the small discharge seems to be localized and contained to a small area on private property.

As the property is fenced, gated locked & unattended entry was not possible although the attached photos confirming the above were taken roadside.

Please advise if further city assistance is needed as I understand that Ajax MOE insp. - Kathleen (copied on this message) is in contact with the owners and addressing the issue.

I consider the event closed unless otherwise advised.

Thx.

Mike

[image1.jpeg]

[image2.jpeg]

Sent from my iPhone

Mike Pelzowski, CET

Coordinator, Roads & Infrastructure Maintenance Contracts Engineering Services City of Pickering

905.420.4660 ext. 2064

Mobile 905.767.6154

12:24 Mike Pelzowski (City of Pickering) confirming that SAC received the email

SAC Action Class:	Pollution Hotline Calls
Non-Standard Procedure:	No

Incident Description:

Last update: Julianne Dominski (Spills Action Centre) - 2019/07/09 10:03 AM

-

Incident Description Continuation:

Kathleen Klinck (York Durham District Office) - 2019/09/09 created; 2019/09/09 last update :
The spill was cleaned up. See related incident report 7323-BDBR7R for details.
No further action is required. Closure of this report is recommended.

Incident Update:

Was there an MOE field response?	Yes		
Site Visit (other than inspection or ERP Response):	Yes		
Inspection:	Yes		
ERP Response:			
Date of Arrival at Site:	2019/06/26	Time of Arrival at Site:	12:40
Were there samples collected / analyzed at any time?	No		
Known or Suspected Health / Environmental Consequence at the Time of Incident			
Health / Environmental Consequence:	2 - Minor Environment		

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
Yes	

Attachments:	
Attachments Names:	Diesel or hydraulic fluid spill and ground saturation at 1295 and 1289 Wharf Street Pickering.msg; Spill Incident 7837-bdwjfa.msg
Links & Comments:	

Contaminants Table

Contaminant Name	Description	Code	UN#	Limit	Quantity	[units]	[freq]
HYDRAULIC OIL		15	n/a				

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?

(legislation, certificate of approval, order, or guideline)

No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?

Yes No

Voluntary / Mandatory Compliance Items

Type	Parent RefNo	Work Summary (may be truncated)	Date	AttainList
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Waste / EGR Information

Waste / EGR Information entries:

Document Related Information

Cross Reference:	7323-BDBR7R 3857-BDVNV5 (doc link)	Task Link:	5411-BDWJHQ 
Originating Document:		Created by:	Julianne Dominski
Date Created:	2019/07/09	Date Completed:	2019/11/27
Office Receiving Incident Report:	Spills Action Centre	Incident Info Received By:	Julianne Dominski
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

Supervisor:

Name:	Kristen Sones
Work Unit:	
District/Area Office:	
Date:	2019/11/27
Signature:	

COMMENT / MEMORANDUM TO FILE

Memo Details

Date:	2019/07/09	
Module	Incident Reporting	Main Document Reference Number: 7837-BDWJFA
Client:		
Site(s):		
Subject:	Email update from District	
Created by:	Julianne Dominski	
File Storage Number:		

<p>Document Links and Comments:</p>	<p>From: Klinck, Kathleen (MECP) Sent: July-09-19 3:36 PM To: Pelzowski, Mike <mpelzowski@pickering.ca>; SAC, MOE (MECP) <MOE.SAC.moe@ontario.ca> Cc: Booker, Scott <sbooker@pickering.ca>; Hagg, Chyrel <chagg@pickering.ca> Subject: RE: Spill Incident 7837-bdwjfa</p> <p>Thanks Mike,</p> <p>I hadn't been aware that another complaint came in from this caller today. The caller contacted our duty officer again yesterday, after I provided my inspection findings to him via e-mail, which were consistent with your findings. I notified the property owner that we had received a complaint, my inspection findings and clean-up requirements, and to ensure the material does not enter any catch basins in the process. The property owner will be cleaning up the stains and he also indicated he would repair the lift prior to using it again in October. Apparently, it only leaks while it is operating.</p> <p>As a side note, the caller had initially mentioned that there was a past dispute between townhouse owners and the owner of the affected properties over the cost of fencing.</p> <p>Kathleen Klinck</p> <p>Senior Environmental Officer York-Durham District Central Region Ministry of the Environment, Conservation and Parks</p>
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	905-424-1846
Attachment Names:	

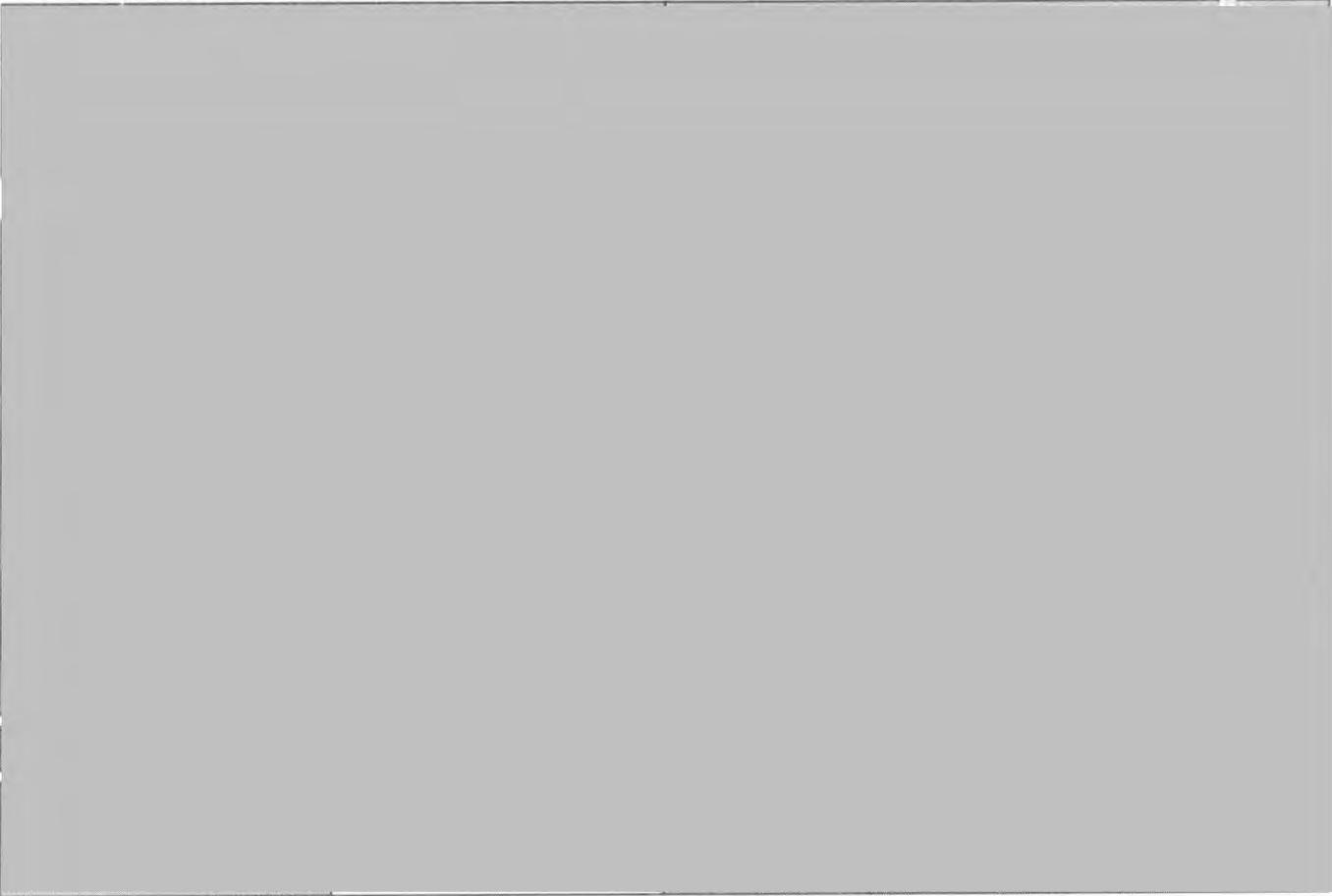


INCIDENT REPORT

Reference Number:	7323-BDBR7R	Module Type:	Pollution Incident Report (PIR)
Status:	Recommended	File Storage Number:	SIYD-PI-WH-100 - 1289 AND 1294 WHARF STREET (RALPH MORGAN/PORT RESTAURANT)
Program:	Cross program	Activity:	Pollution Incident Reports

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Caller or PO Reporting/Receiving Information



Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant

Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2
Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W 1A2
Telephone: (905)839-7678
Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details

Port Restaurant
Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, L1W 1A2
District Office: York-Durham
LIO GeoReference: Zone: 17, UTM Easting: 654161.11, UTM Northing: 4853123.1, Latitude: 43.815106, Longitude: -79.08312
Site #: 5546-BDBS4U
+ + + +
Ralph Morgan
Address: 1294 Wharf St Boat Storage Lot and Morgan General Contractors Office Trailer, Pickering, City, Regional Municipality of Durham
District Office: York-Durham
LIO GeoReference: Zone: 17, UTM Easting: 654192.82, UTM Northing: 4853226.9, Latitude: 43.816033, Longitude: -79.08270
Site #: 5462-BF8JCM

Incident Summary:

Port Restaurant

Initial Incident Description (as reported):

Created: Kathleen Klinck (York Durham District Office) - 2019/06/20 03:46:38 PM

Area EO K. Klinck retrieved phone message from 2019/06/19 at 15:23:
Caller is requesting the status of follow-up of [REDACTED] concerning 1295 Wharf Street and 1289 Wharf Street at the Port Restaurant. Last week a second spill occurred of diesel all over the road and the lot, parking lot and catchbasins. There was no contact information provided. The phone number is [REDACTED]
K. Klinck checked emails and IDS and was unable to find any record of the above complaint.
13:02 K. Klinck spoke with the duty officer from last week, Phil Dunn. He hasn't entered the call in IDS yet. It is an ongoing problem. Ralph Morgan is the restaurant owner. The spill was notice two or three weeks ago, according to Phil's notes from the 10th.

SAC Action Class:

Non-Standard Procedure:

No

Incident Description:

Last update: Kathleen Klinck (York Durham District Office) - 2019/09/09 03:40:08 PM

14:42 K. Klinck contacted the caller and obtained [REDACTED] name. There is a loader on-site at the empty lot where they store boats. The restaurant owner picks up boats and shuttles them across the street. It loader was used a few weeks ago and then last weekend. The material was on the pavement and the caller complained. The owner walked by the diesel puddle and then it soaked into the ground. [REDACTED] saw a heen from [REDACTED] lot in Frenchman's Bay. The oil is all over the dirt at the storage lot at 1294 Wharf Street (not 1295, as originally reported). There is a stain where the loader is parked on the lot. There is probably a puddle under the loader. There is staining on the lot and it goes across Wharf Street onto the paved restaurant lot and into the water. 1295 is where the townhouses are and is not affected. K. Klinck asked whether there is oil in the catch basin. The caller said the equipment travels over the catch basin, but he can't say whether any got in there. It is in the restaurant parking lot. The caller mentioned a fence repair that cost

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thousands at the condo, which the restaurant owner did not help pay. Ralph Morgan is the owner of the restaurant. He owns a numbered company and a lot of properties. The restaurant is closed for renovations. [REDACTED]

15:02 K. Klinck texted email address to the caller so that [REDACTED] may send photos.

2019/06/24

While duty officer. K. Klinck retrieved a message from the caller, requesting an update. Unfortunately, I was [REDACTED] and was unable to follow up as of yet. I have to attend a meeting tomorrow and will follow up on

2019/06/26.

2019/06/26

12:40 K. Klinck arrived at 1294 Wharf Street. Gravel lot with a grey metal building at the SE corner and a small construction trailer with signage "Morgan General Contractors Office, Miller 1-905-277-1438, 1-800-668-0414 at the NW corner of the property. There are four boats, a tractor, a boat trailer and two snowmobiles. There is some staining at the SE portion of the property, near the metal building and in a grassed area next to the steps to the metal building are approximately thirty pails with lids, some of which seem to contain material. Some of the pails are labelled "drywall primer". In the same area, there are also various paint cans with lids labelled "The Port". No spillage was noted. There are no sewers on-site or on the street in proximity to the property and no indication of runoff of any material from the property.

K. Klinck proceeded to 1289 Wharf Street (The Port Restaurant). A trail of black drip stains were noted in the parking lot from the entrance to the water's edge. the trail of staining passes over a storm sewer in the restaurant parking lot, to the NE of the restaurant building. I observed white chalk coloured staining on the storm sewer grate. I observed the water inside the storm sewer catch basin and no discolouration, sheen or odour was evident. I spoke with an electrician who was working on site. He did not have any knowledge of what caused the white staining on the storm sewer catch basin grate. He said that Ralph is not here and is in and out throughout the day. I left my business card and asked if he could let Ralph know that I was there and requested that he call me. I checked the storm sewer catch basin in the "complementary" parking area to the NE of the first storm sewer. No sheen or odour was noticeable. There was no free product noticeable at any of the affected areas, just staining.

2019/07/03

08:27 K. Klinck contacted Ralph. I informed him that a complaint was received and I had inspected to the two properties. I informed him that the staining on the road and in the parking lot needs to be cleaned up and the leak on the equipment needs to be fixed. He said he realizes the leak from his loader caused staining and he had tried to find a place to fix the leak, but hadn't been able to find one. He will look into getting it fixed. We discussed the pails and cans on the gravel property and he said he would be moving them. Ralph stated that there had been a Phase I and II ESA on the property. He said that some workers had poured some water that was used to clean up grout into the storm sewer in the restaurant parking lot and he told them not to pour anything into the storm sewer. I informed him that if anything gets into the storm sewer in the future, it must be cleaned out and no material should be allowed to enter the storm sewers during clean-up. Ralph was asked to notify me once the work is complete.

09:44 K. Klinck responded to the complainant's email from 2019/07/02 which requested an update and stated that the pavement must be dug up and put back to normal. I provided an update on my findings and the action to be taken and indicated that the ministry does not require that the paved road be dug up and replaced.

11:57 K. Klinck returned Ralph's call from a moment ago. He spoke with a City of Pickering engineer about which contractors they would use for clean-up of the road. They will come down and clean up or instruct him on how to do it. He might have to remove the cylinders to fix the leak. He is busy with the restaurant renovations. I advised Ralph to ensure that the leak is contained in the meantime. He indicated that the equipment only leaks when under compression. There was a pile of junk on the lot that he cleaned up, which might have left the staining. If he sees any oil saturation, he will clean it up. He plans on developing the lot.

2019/07/09

10:33 In response to a voicemail message, K. Klinck provided neighbour Drew Craig with an update regarding follow-up to the staining on the road (emails attached).

2019/07/18

K. Klinck emailed a letter to Ralph Morgan, outlining events, applicable legislation and the requirements of any update by 2019/07/19.

2019/07/19

13:31 Ralph Morgan emailed K. Klinck on progress of clean-up.

2019/09/04

K. Klinck drove by site and confirmed that the road and Port Restaurant parking lot have been cleaned up. No staining was visible in the boat storage yard, although there were some cars parked in the yard.

2019/09/05

14:01 K. Klinck emailed Ralph Morgan, noting that the road and Port parking lot have been cleaned up and requesting an update on action taken to clean up the boat storage yard.

2019/09/06

13:14 Ralph Morgan email to K. Klinck confirms that the stained area in the boat yard has been scraped up.

Clean-up is complete. No further abatement action is necessary. Closure of this report is recommended.

See Related Incident Reports 3857-BDVNV5 and 7837-BDWJFA, also addressed in this incident report.

Incident Description Continuation:

Not Available

Incident Update:

Not Available

Was there an MOE field response?	Yes
Site Visit (other than inspection or ERP Response):	Yes
Inspection:	Yes
ERP Response:	
Date of Arrival at Site:	2019/06/26
Time of Arrival at Site:	12:40
Were there samples collected / analyzed at any time?	No
Health / Environmental Consequences at the Time of Incident	
Health / Environmental Consequences:	2 - Minor Environment

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
No	

Attachments:	
	1290 Wharf Street - Jeff O'Donnell Emails re Disposal of Asbestos Waste Complaint.msg; Drew

Attachments Names:	Craig Emails re Wharf Street.msg; Jeff O'Donnell Emails re Wharf Street Complaints.msg; Klinck Letter to Ralph Morgan re Wharf Street.002.pdf; Klinck Photo Metal Building at 1294 Wharf Street.jpg; Klinck Photo Pails and Cans next to Metal Building at 1294 Wharf Street.jpg; Klinck Photo Staining next to Metal Building at 1294 Wharf Street.jpg; Klinck Photo Storm Sewer in The Port Restaurant Parking Lot NE of Building.jpg; Klinck Photo The Port Restaurant Parking Lot; north of Building.jpg; Klinck Photo Wharf Street View from 1294 Wharf Street to The Port Restaurant.jpg; Klinck Photo Wharf Street View from The Port Restaurant to 1294 Wharf Street.jpg; Ralph Morgan email update in response to Klinck letter.msg; Wharf Street Klinck Email Update July 3; 2019.msg; Wharf Street.msg
Links & Comments:	

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?
(legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Voluntary / Mandatory Abatement Items	
<p>Type: VA Parent Ref. No.: 7323-BDBR7R Comp. Date: 07/05/2019 Attained Date: 2019/08/28 Work Summary: Clean up staining.</p> <p>Type: VA Parent Ref. No.: 7323-BDBR7R Comp. Date: 07/03/2019 Attained Date: 2019/07/03 Work Summary: Ensure leak is contained until such time as it is repaired.</p>	

Offence(s)

Suspected Violation(s)/Offence(s):	

Waste / EGR Information

Waste / EGR Information entries:
Not Available

Document Related Information

Cross Reference:	3857-BDVNV5 7837-BDWJFA (doc link)	Task Link:	6450-BDBS76 
Originating Document:		Created by:	Kathleen Klinck
Date Created:	2019/06/20	Date Completed:	
Office Receiving Incident Report:	York Durham District Office	Incident Info Received By:	Kathleen Klinck
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

District/Area Supervisor:

Name:	Routed in IDS to KS
Work Unit:	for sig.
District/Area Office:	
Date:	
Signature:	



INCIDENT REPORT

Reference Number:	3857-BDVNV5	Module Type:	Pollution Incident Report (PIR)
Status:	Recommended	File Storage Number:	SIYD-PI-WH-100 - 1289 AND 1294 WHARF STREET (RALPH MORGAN/PORT RESTAURANT)
Program:	Water - Ground & Surface	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

Name of Company:

MAILING ADDRESS			
Civic Address:		Unit Identifier:	
Delivery Designator:		Delivery Identifier:	
Municipality/ Unorganized Twp:	County/District:	Province/State:	Postal Code:
(1)		Ontario	
Postal Station:		Country:	Canada
Telephone Number:	Extension:	Other Number:	Email Address:
Date Reported to MOE:	2019/07/08	Time Reported to MOE:	13:47
Date of Incident:	2019/07/08	Time of Incident:	
Incident Date Confirmation:	Estimated		

Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2 Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W 1A2 Telephone: (905)839-7678

Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details

Ralph Morgan
Address: 1294 Wharf St Boat Storage Lot and Morgan General Contractors Office Trailer, Pickering, City,
Regional Municipality of Durham
District Office: York-Durham
LIO GeoReference: Zone: 17, UTM Easting: 654192.82, UTM Northing: 4853226.9, Latitude: 43.816033,
Longitude: -79.08270
Site #: 5462-BF8JCM

Incident Summary:

HOTLINE: ongoing runoff issue impacts to Frenchman's Bay

Initial Incident Description (as reported):

Created: Mark C Harris (Spills Action Centre) - 2019/07/08 01:47:22 PM

1345h HOTLINE: caller complaining of ongoing runoff issue from gravel lot: 3-4 large stains in gravel parking lot that runs off into Frenchman's Bay, Pickering. Caller states [redacted] has observed the runoff from this site on three occasions. Location: 1294 Wharf Street, Pickering. Caller states the owner of the Port Restaurant (1289 Wharf Street) opposite this location is the owner of this lot and the equipment that is leaking. Ongoing issue for years. Caller stated local officer had already been to site, but [redacted] did not believe she went onto the gravel lot itself to assess.

s.21

SAC Action Class:	Pollution Incident Reports (PIRs) and "Other" calls
Non-Standard Procedure:	No

Incident Description:

Last update: Kathleen Klinck (York Durham District Office) - 2019/09/09 03:48:06 PM

Incident Description Continuation:

Kathleen Klinck - 2019/09/09 created; 2019/09/09 last update - York Durham District Office
Clean-up of the site is complete. See IR 7323-BDBR7R for details.

Closure of this report is recommended.

Incident Update:

Not Available

Was there an MOE field response?	Yes
Site Visit (other than inspection or ERP Response):	Yes

Inspection:	Yes		
ERP Response:			
Date of Arrival at Site:	2019/06/26	Time of Arrival at Site:	12:40
Were there samples collected / analyzed at any time?	No		
Health / Environmental Consequences at the Time of Incident			
Health / Environmental Consequences:	2 - Minor Environment		

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
Yes	

Contaminants Table

Contaminant Name	Description	Code	UN#	Limit	Quantity	[units]	[freq]

Environmental Compliance Reporting (ECR)

<p>Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?</p> <p>(legislation, certificate of approval, order, or guideline)</p> <p>No</p>
--

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Voluntary / Mandatory Abatement Items	
Not Available	

Waste / EGR Information

Waste / EGR Information entries:

Not Available

Document Related Information

Cross Reference:	7837-BDWJFA 7323-BDBR7R (doc link)	Task Link:	5568-BDVP2S 
Originating Document:		Created by:	Mark C Harris
Date Created:	2019/07/08	Date Completed:	
Office Receiving Incident Report:	Spills Action Centre	Incident Info Received By:	Mark C Harris
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

District/Area Supervisor:

Name:	<i>Routed in IOS to KS for sig.</i>
Work Unit:	
District/Area Office:	
Date:	
Signature:	



INCIDENT REPORT

Reference Number:	7837-BDWJFA	Module Type:	Pollution Incident Report (PIR)
Status:	Recommended	File Storage Number:	SIYD-PI-WH-100 - 1289 AND 1294 WHARF STREET (RALPH MORGAN/PORT RESTAURANT)
Program:	Waste - Hazardous & Liquid industrial	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

First Name:	Last Name:

s.21

Client(s)

Client Details

Ralph Morgan, Business/Facility Name: Port Restaurant
Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2
Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W 1A2
Telephone: (905)839-7678
Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details

Port Restaurant
Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, L1W 1A2
District Office: York-Durham
LIO GeoReference: Zone: 17, UTM Easting: 654161.11, UTM Northing: 4853123.1, Latitude: 43.815106,
Longitude: -79.08312
Site #: 5546-BDBS4U
+ + + +
Ralph Morgan
Address: 1294 Wharf St Boat Storage Lot and Morgan General Contractors Office Trailer, Pickering, City,
Regional Municipality of Durham
District Office: York-Durham
LIO GeoReference: Zone: 17, UTM Easting: 654192.82, UTM Northing: 4853226.9, Latitude: 43.816033,
Longitude: -79.08270
Site #: 5462-BF8JCM

Incident Summary:

Pickering hydraulic fluid spill

Initial Incident Description (as reported):

Created: Julianne Dominski (Spills Action Centre) - 2019/07/09 10:00:24 AM

TIPS Email rec'd

Good afternoon

Please look into the following issues from the above properties as we have had fluid leaking into Frenchman's Bay on 3-4 separate occasions when we have heavy rain.

June 10th - Heavy rain and fluid seen coming from the gravel lot at 1294 Wharf Street onto Wharf street and into Frenchman's Bay.

June 12th - Picture of a large puddle of fluid under a loader at 1294 Wharf Street. Loader still dripping fluid and saturating the ground.

June 13th - Heavy rain and fluid seen coming from the gravel lot at 1294 Wharf Street onto Wharf street and into Frenchman's Bay.

June 15th - Leaking Loader did 4-6 trips back and forth across Wharf Street while still leaking. Very obvious. They knew it was severely leaking and kept using it causing leaks in the lot of 1294 Wharf, across Wharf street and into the paved parking lot of the Port Restaurant at 1289 Wharf Street.

June 20th - Heavy rain and fluid seen coming from the gravel lot at 1294 Wharf Street onto Wharf street and into Frenchman's Bay.

June 29th - Pictures of the spill in the Port Restaurant parking lot.

This has been an ongoing issue and it is obvious the owner was in control of the fluid and neglected to repair it or contain it

while still using and driving the machine from the gravel lot across Wharf street into the parking lot of 1289 Wharf on numerous occasions.
The gravel lot at 1294 must be tested as the staining has been going on for years and when we get heavy rain you can physically see the sheen from the fluid running down Wharf street into Frenchman's Bay.

Could this be related to another spill that happened around the shoreline of Frenchman's Bay around June 28th? I don't know the exact date.

Attached are some pictures.

10:06 SACJd to City of Pickering Works left message requesting call back
10:47 SACjd to City of Pickering briefed Cheryl

1102h City of Pickering [Mike] to SAC|mch requesting further details on IR. City believes MECP should be addressing the owner of the property, as the City has had difficulty dealing with this individual in the past. Mike notes he will attend site now and assess the area and report back with findings.

11:36 Email received from the City of Pickering (see attached for full email)

As a follow up to the above noted spill incident and my conversation with S.A.C. staff,

A site review conducted 10 min ago at 1294 Wharf St yields :

no continue contamination source visible although previous discharge staining contained within the private lands is noted.

No impact to the municipal storm sewer network (via roadside Catchbasin) as the small discharge seems to be localized and contained to a small area on private property.

As the property is fenced, gated locked & unattended entry was not possible although the attached photos confirming the above were taken roadside.

Please advise if further city assistance is needed as I understand that Ajax MOE insp. - Kathleen (copied on this message) is in contact with the owners and addressing the issue.

I consider the event closed unless otherwise advised.

Thx.

Mike
[image1.jpeg]
[image2.jpeg]

Sent from my iPhone

Mike Pelzowski, CET
Coordinator, Roads & Infrastructure Maintenance Contracts Engineering Services City of Pickering
905.420.4660 ext. 2064
Mobile 905.767.6154

12:24 Mike Pelzowski (City of Pickering) confirming that SAC received the email

SAC Action Class:	Pollution Hotline Calls
Non-Standard Procedure:	No

Incident Description:
Last update: Julianne Dominski (Spills Action Centre) - 2019/07/09 10:03:09 AM
-

Incident Description Continuation:
Kathleen Klinck - 2019/09/09 created; 2019/09/09 last update - York Durham District Office The spill was cleaned up. See related incident report 7323-BDBR7R for details. No further action is required. Closure of this report is recommended.

Incident Update:
Not Available

Was there an MOE field response?	Yes		
Site Visit (other than inspection or ERP Response):	Yes		
Inspection:	Yes		
ERP Response:			
Date of Arrival at Site:	2019/06/26	Time of Arrival at Site:	12:40
Were there samples collected / analyzed at any time?	No		
Health / Environmental Consequences at the Time of Incident			
Health / Environmental Consequences:	2 - Minor Environment		

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
Yes	

Attachments:	
Attachments Names:	Diesel or hydraulic fluid spill and ground saturation at 1295 and 1289 Wharf Street Pickering..msg; Spill Incident 7837-bdwjfa.msg
Links & Comments:	

Contaminants Table

Contaminant Name	Description	Code	UN#	Limit	Quantity	[units]	[freq]
HYDRAULIC OIL		15	n/a				

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?

(legislation, certificate of approval, order, or guideline)

No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?

Yes No

Voluntary / Mandatory Abatement Items

Not Available

Waste / EGR Information

Waste / EGR Information entries:

Not Available

Document Related Information

Cross Reference:	7323-BDBR7R 3857-BDVNV5 (doc link)	Task Link:	5411-BDWJHQ 
Originating Document:		Created by:	Julianne Dominski
Date Created:	2019/07/09	Date Completed:	
Office Receiving Incident Report:	Spills Action Centre	Incident Info Received By:	Julianne Dominski
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

District/Area Supervisor:

Name:	Routed in IDS to KS for sig.
Work Unit:	
District/Area Office:	
Date:	
Signature:	

Klinck, Kathleen (MECP)

From: s.21 [REDACTED]
Sent:
To: Klinck, Kathleen (MECP)
Subject: Spill











s.21

Klinck, Kathleen (MECP)

From: s.21

Sent:

To: Klinck, Kathleen (MECP)

Subject: Spill

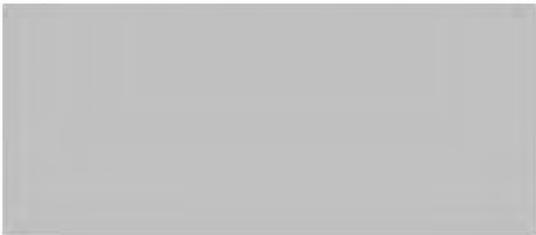








s.21



Klinck, Kathleen (MECP)

From: s.21

Sent:

To: Klinck, Kathleen (MECP)

Subject: Spill













s.21



Klinck, Kathleen (MECP)

From: s.21

Sent:

To: Klinck, Kathleen (MECP)

Subject: Spill















s.2



Ministry of Environment, Conservation
and Parks

Ministère de l'Environnement, de la Protection de
la nature et des Parcs

Central Region

Région du Centre

York Durham District Office
230 Westney Road South, 5th Floor
Ajax ON L1S 7J5
Telephone.: 905-427-5600
Toll-Free : 1-800-376-4547
Fax: 905-427-5602

Bureau de district de York Durham
230 route Westney sud, 5e étage
Ajax ON L1S 7J5
Téléphone : 905 427-5600
Sans frais : 1-800-376-4547
Télécopieur : 905 427-5602

July 18, 2019

SENT VIA EMAIL

Mr. Ralph Morgan
President
R B Morgan Construction
1289 Wharf Street
Pickering, ON
L1W 1A2

Email: ralph@rbmc.ca

Dear Mr. Morgan:

**Re: Oil Spill on Wharf Street, Between and Including
1289 and 1294 Wharf Street, Pickering
File SIYD-PI-WH-100 (1289 and 1294 WHARF STREET -
THE PORT RESTAURANT)**

On June 26, 2019, an inspection was carried out at your properties located at 1289 and 1294 Wharf Street in Pickering, as well as at the road between the two properties, in response to a complaint from a member of the public regarding ongoing spills of oil from your boat lift. I left my business card with one of the workers at 1289 Wharf Street, requesting that you contact me at your earliest convenience.

I did not receive a response and contacted you on July 3, 2019, at which time I informed you of my inspection findings, the requirement to clean up the spilled material and that the stained areas affected by oily material on both properties and on the road that discharged from the boat lift must be cleaned up without impacting storm sewer catch basins. You were asked to contact me by email once the clean-up was complete.

The applicable legislation is as follows:

Environmental Protection Act, R.S.O. 1990

Prohibition, discharge of contaminant

14 (1) *Subject to subsection (2) but despite any other provision of this Act or the regulations, a person shall not discharge a contaminant or cause or permit the discharge of a contaminant into the natural environment, if the discharge causes or may cause an adverse effect.*

Duty to mitigate and restore

93 (1) *The owner of a pollutant and the person having control of a pollutant that is spilled and that causes or is likely to cause an adverse effect shall forthwith do everything practicable to prevent, eliminate and ameliorate the adverse effect and to restore the natural environment.*

When duty effective

(2) *The duty imposed by subsection (1) comes into force in respect of each of the owner of the pollutant and the person having control of the pollutant immediately when the owner or person, as the case may be, knows or ought to know that the pollutant is spilled and is causing or is likely to cause an adverse effect.*

On July 5, 2019, I contacted you for an update. You indicated that the boat lift only leaks when it is running, that it would be repaired before using it again in October and that you were consulting with a City of Pickering employee who had been to the site and was providing guidance on clean-up resources.

On July 8, 2019, I received calls from members of the public indicating that no action had been taken to clean up the spilled material. I attempted to contact you and left a voice mail message, requesting a clean-up update.

I did not receive a response and on July 17, I left you a voice mail message requesting confirmation of the clean-up of the spilled material.

You are required to provide an update on the status of the clean-up of the material that was spilled by no later than 4:30 p.m. on Friday, July 19, 2019.

Contact me if you have questions.

Yours truly,



Kathleen Klinck

Senior Environmental Officer
905-424-1846 (NEW CONTACT NUMBER)

Klinck, Kathleen (MECP)

From: Klinck, Kathleen (MECP)
Sent: July 18, 2019 12:19 PM
To: ralph@rbmc.ca
Subject: CLEAN UP OF OIL SPILL ON THE ROAD AND AT 1289 and 1294 WHARF STREET,
PICKERING
Attachments: Wharf Street.pdf

Hello Ralph,

I have been unsuccessful in reaching you by phone. Please see the attached correspondence and provide a response **no later than 4:30 p.m. on Friday, July 19, 2019.**

Thank you.

Kathleen Klinck

Senior Environmental Officer
York-Durham District Office
Central Region
Ministry of the Environment, Conservation and Parks
New Number: 905-424-1846

Ministry of Environment, Conservation
and Parks

Ministère de l'Environnement, de la Protection de
la nature et des Parcs

Central Region

Région du Centre

York Durham District Office
230 Westney Road South, 5th Floor
Ajax ON L1S 7J5
Telephone.: 905-427-5600
Toll-Free : 1-800-376-4547
Fax: 905-427-5602

Bureau de district de York Durham
230 route Westney sud, 5e étage
Ajax ON L1S 7J5
Téléphone : 905 427-5600
Sans frais : 1-800-376-4547
Télécopieur : 905 427-5602

July 18, 2019

SENT VIA EMAIL

Mr. Ralph Morgan
President
R B Morgan Construction
1289 Wharf Street
Pickering, ON
L1W 1A2

Email: ralph@rbmc.ca

Dear Mr. Morgan:

**Re: Oil Spill on Wharf Street, Between and Including
1289 and 1294 Wharf Street, Pickering
File SIYD-PI-WH-100 (1289 and 1294 WHARF STREET -
THE PORT RESTAURANT)**

On June 26, 2019, an inspection was carried out at your properties located at 1289 and 1294 Wharf Street in Pickering, as well as at the road between the two properties, in response to a complaint from a member of the public regarding ongoing spills of oil from your boat lift. I left my business card with one of the workers at 1289 Wharf Street, requesting that you contact me at your earliest convenience.

I did not receive a response and contacted you on July 3, 2019, at which time I informed you of my inspection findings, the requirement to clean up the spilled material and that the stained areas affected by oily material on both properties and on the road that discharged from the boat lift must be cleaned up without impacting storm sewer catch basins. You were asked to contact me by email once the clean-up was complete.

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Environmental Protection Act, R.S.O. 1990

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Duty to mitigate and restore

93 (1) *The owner of a pollutant and the person having control of a pollutant that is spilled and that causes or is likely to cause an adverse effect shall forthwith do everything practicable to prevent, eliminate and ameliorate the adverse effect and to restore the natural environment.*

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(2) *The duty imposed by subsection (1) comes into force in respect of each of the owner of the pollutant and the person having control of the pollutant immediately when the owner or person, as the case may be, knows or ought to know that the pollutant is spilled and is causing or is likely to cause an adverse effect.*

On July 5, 2019, I contacted you for an update. You indicated that the boat lift only leaks when it is running, that it would be repaired before using it again in October and that you were consulting with a City of Pickering employee who had been to the site and was providing guidance on clean-up resources.

On July 8, 2019, I received calls from members of the public indicating that no action had been taken to clean up the spilled material. I attempted to contact you and left a voice mail message, requesting a clean-up update.

I did not receive a response and on July 17, I left you a voice mail message requesting confirmation of the clean-up of the spilled material.

You are required to provide an update on the status of the clean-up of the material that was spilled by no later than 4:30 p.m. on Friday, July 19, 2019.

Contact me if you have questions.

Yours truly,



Kathleen Klinck
Senior Environmental Officer
905-424-1846 (NEW CONTACT NUMBER)



INCIDENT REPORT

Reference Number:	3002-BEBLET	Module Type:	Legislation Non-Compliance
Status:	Recommended	File Storage Number:	SIYD-PI-WH-100 - 1290 WHARF STREET (RALPH MORGAN)
Program:	Waste - Solid/Non-hazardous	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

s.21

First Name:	Last Name:

Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2 Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W

1A2
Telephone: (905)839-7678
Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details

1290 Wharf St.<UNOFFICIAL>
Address: Lot: , Part: , Morgan property - 1290 Wharf St., Pickering, City, Regional Municipality of Durham
District Office: York-Durham

Incident Summary:

possible asbestos mismanagement

Initial Incident Description (as reported):

Created: Steve Batten (York Durham District Office) - 2019/07/22 11:42:04 AM

Caller reports that approx. 3 months ago the owner of the site (Mr. Morgan) had a building gutted with all internal materials removed. Caller believes there was asbestos present and is concerned about local impacts. 1st contractor refused the the work. Second contractor gutted the building - workers not properly protected if asbestos present. Does not know the name of the contractor or the waste disposal company. Caller was refered to MOL who may have more info on site if asbestos was present. Also refered caller to municipality regarding any plans or permits which may have info re asbestos at site and contractor. Explained to caller MECP role with asbestos is the waste - bagging, identification, transport and disposal.

SAC Action Class:

Non-Standard Procedure:

No

Incident Description:

Last update: Kathleen Klinck (York Durham District Office) - 2019/09/09 01:52:31 PM

Incident Description Continuation:

Kathleen Klinck - 2019/09/09 created; 2019/09/09 last update - York Durham District Office

2019/07/22

***** This [REDACTED] who has called in numerous other complaints regarding staining on the street and on the client's properties that have been addressed. Apparently, according to Ralph Morgan, there are ongoing disputes and an upcoming OMB hearing regarding his planned development of lands on Wharf Street which the neighbour opposes.

15:23 Area EO K. Klinck contacted property owner Ralph Morgan. There was a flood at the property and the insurance company hired a company that did asbestos checks. Some of the walls contained asbestos. The company is not covered for asbestos. He is waiting for payment. He will get a company to deal with the asbestos before the house is either renovated or torn down.

13:44 and 16:39 K. Klinck emailed the caller (files attached), informing him of findings and referred him to appropriate agency should he have concerns (Ministry of Labour).

No further abatement action is required. Closure of this report is recommended.

s.21

Incident Update:
Not Available

Was there an MOE field response?	No
Were there samples collected / analyzed at any time?	No
Health / Environmental Consequences at the Time of Incident	
Health / Environmental Consequences:	0 - No Impact

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
No	

Attachments:	
Attachments Names:	1290 Wharf Street - Emails re Disposal of Asbestos Waste Complaint.msg
Links & Comments:	

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?
(legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Voluntary / Mandatory Abatement Items	
Not Available	

Waste / EGR Information

--

Waste / EGR Information entries:
Not Available

Document Related Information

Cross Reference:	(doc link)	Task Link:	0420-BEBLPY 
Originating Document:		Created by:	Steve Batten
Date Created:	2019/07/22	Date Completed:	
Office Receiving Incident Report:	York Durham District Office	Incident Info Received By:	Steve Batten
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

District/Area Supervisor:

Name:	Routed in IDS to KS for sig.
Work Unit:	
District/Area Office:	
Date:	
Signature:	



INCIDENT REPORT

Reference Number:	3002-BEBLET	Module Type:	Legislation Non-Compliance
Status:	Recommended	File Storage Number:	SIYD-PI-WH-100 - 1290 WHARF STREET (RALPH MORGAN)
Program:	Waste - Solid/Non-hazardous	Activity:	Pollution Incident Reports

Caller or PO Reporting/Receiving Information

s.21

First Name:	Last Name:
[Redacted]	

Client(s)

Client Details
Ralph Morgan, Business/Facility Name: Port Restaurant Mailing Address: 1289 Wharf St, Pickering, Ontario, Canada, L1W 1A2 Physical Address: 1289 Wharf St, Pickering, City, Regional Municipality of Durham, Ontario, Canada, L1W

1A2
Telephone: (905)839-7678
Client #: 3564-BDBRSW, Client Type: Individual

Site(s)

Site Details

1290 Wharf St.<UNOFFICIAL>
Address: Lot: , Part: , Morgan property - 1290 Wharf St., Pickering, City, Regional Municipality of Durham
District Office: York-Durham

Incident Summary:

possible asbestos mismanagement

Initial Incident Description (as reported):

Created: Steve Batten (York Durham District Office) - 2019/07/22 11:42:04 AM

Caller reports that approx. 3 months ago the owner of the site (Mr. Morgan) had a building gutted with all internal materials removed. Caller believes there was asbestos present and is concerned about local impacts. 1st contractor refused the the work. Second contractor gutted the building - workers not properly protected if asbestos present. Does not know the name of the contractor or the waste disposal company. Caller was refered to MOL who may have more info on site if asbestos was present. Also refered caller to municipality regarding any plans or permits which may have info re asbestos at site and contractor. Explained to caller MECP role with asbestos is the waste - bagging, identification, transport and disposal.

SAC Action Class:

Non-Standard Procedure:

No

Incident Description:

Last update: Kathleen Klinck (York Durham District Office) - 2019/09/09 01:52:31 PM

Incident Description Continuation:

Kathleen Klinck - 2019/09/09 created; 2019/09/09 last update - York Durham District Office

2019/07/22

***** This [REDACTED] who has called in numerous other complaints regarding staining on the street and on the client's properties that have been addressed. Apparently, according to Ralph Morgan, there are ongoing disputes and an upcoming OMB hearing regarding his planned development of lands on Wharf Street which the [REDACTED]

15:23 Area EO K. Klinck contacted property owner Ralph Morgan. There was a flood at the property and the insurance company hired a company that did asbestos checks. Some of the walls contained asbestos. The company is not covered for asbestos. He is waiting for payment. He will get a company to deal with the asbestos before the house is either renovated or torn down.

13:44 and 16:39 K. Klinck emailed the caller (files attached), informing him of findings and referred him to appropriate agency should he have concerns (Ministry of Labour).

No further abatement action is required. Closure of this report is recommended.

s.21

Incident Update:
Not Available

Was there an MOE field response?	No
Were there samples collected / analyzed at any time?	No
Health / Environmental Consequences at the Time of Incident	
Health / Environmental Consequences:	0 - No Impact

Has a Water Body been impacted?	No
Receiving Environment:	
Incident Event:	
Incident Reason:	
MOE/Other Agencies Involved:	
Was there a discharge / emission / spill of a contaminant to the environment?	
No	

Attachments:	
Attachments Names:	1290 Wharf Street - Emails re Disposal of Asbestos Waste Complaint.msg
Links & Comments:	

Environmental Compliance Reporting (ECR)

Is this an air emission (measured or modelled) or wastewater (sewage) discharge exceedance that will become part of the Environmental Compliance Report?
(legislation, certificate of approval, order, or guideline)
No

Voluntary / Mandatory Abatement

Was there Non-Compliance/Non-Conformance Identified?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Voluntary / Mandatory Abatement Items	
Not Available	

Waste / EGR Information

--

Waste / EGR Information entries:

Not Available

Document Related Information

Cross Reference:	(doc link)	Task Link:	0420-BEBLPY 
Originating Document:		Created by:	Steve Batten
Date Created:	2019/07/22	Date Completed:	
Office Receiving Incident Report:	York Durham District Office	Incident Info Received By:	Steve Batten
Bring Forward Date:		Bring Forward Reason:	

Signatures

Provincial Officer:

Name:	Kathleen Klinck
Badge No:	576
Work Unit:	
District/Area Office:	York Durham District Office
Date:	2019/09/09
Signature:	

District/Area Supervisor:

Name:	<i>Routed in IDS to KS for sig.</i>
Work Unit:	
District/Area Office:	
Date:	
Signature:	

Klinck, Kathleen (MECP)

From: Klinck, Kathleen (MECP)
Sent: July 22, 2019 4:39 PM
To: Dugas, Celeste (MECP)
Cc: Butchart, Jeff (MECP)
Subject: FW: The Port Restaurant - Pickering, Disposal of Asbestos Waste

You may hear from Mr. O'Donnell, so here's a heads up. Ralph Morgan, the owner of the properties, informed me that Jeff O'Donnell and other neighbours are dead against his development proposal which encompasses the Wharf Street properties and to the north to Annland Street. There is an OMB hearing starting July 29, so this may continue to be an issue until that's settled and beyond.

Kathleen Klinck

Senior Environmental Officer
York-Durham District Office
Central Region
Ministry of the Environment, Conservation and Parks
New Number: 905-424-1846

From: Klinck, Kathleen (MECP)
Sent: July 22, 2019 4:28 PM
To: [REDACTED]
Cc: Batten, Steve (MECP) <Steve.Batten@ontario.ca>
Subject: RE: The Port Restaurant - Pickering, Disposal of Asbestos Waste

Hello [REDACTED]

Sorry, there was a typo in the previous e-mail I sent to you, so I corrected it to avoid confusion.

The homeowner's insurance company for 1290 Wharf Street retained the services of a company to do work at the house following a flood. The owner confirmed the company checked for asbestos and confirmed that there is asbestos on some of the walls, which they did not touch, as they do not do asbestos removal. The homeowner informed me that the asbestos will be handled properly when the house is either renovated or torn down.

As I informed you immediately following my inspection of the gravelled lot, the restaurant parking lot and the road between the two, although staining was observed, there was no evidence of oily material in the storm sewer catch basins that I inspected and no evidence of oily runoff. As I observed no discharge into any waters or any place that may impair the quality of the water of any waters or water body, the Ontario Water Resources Act would not apply.

I have informed the owner of the properties of the clean-up requirements for the staining caused by previously spilled oily material. The owner of the properties undertook a clean-up of the staining on the road after consulting with a City official to ensure that the clean-up would be effective with no impact to storm sewers. He anticipates that clean-up of the staining on the surface of his own properties will be completed by the end of the week.

In addition to the Ministry of Labour which you may want to contact with respect to the asbestos, you may wish to contact the other agencies you mentioned directly to determine what other legislation if any may apply. I believe the MPP for Pickering-Uxbridge is the Honourable Peter Bethlenfalvy.

Kathleen Klinck

Senior Environmental Officer
York-Durham District Office
Central Region
Ministry of the Environment, Conservation and Parks
New Number: 905-424-1846

s.21 From [REDACTED]
Sent: [REDACTED]
To: Klinck, Kathleen (MECP) <Kathleen.Klinck@ontario.ca>
Cc: Batten, Steve (MECP) <Steve.Batten@ontario.ca>
Subject: Re: The Port Restaurant - Pickering, Disposal of Asbestos Waste

Thank you both for looking into this but the problem was not with the Port Restaurant but with the empty house across the street at 1290 Wharf Street. It has been completely stripped of drywall and insulation.

Is the Port Restaurant going to clean up the fuel spill in his parking lot and the empty boat yard across the road at 1294? 1294 should be tested and dug up. The amount of fluid that leaked into the ground has visually saturated 2-3 locations in that lot.

Is the spill at 1294 Wharf Street not covered under the following acts, legislation?

Fisheries Act
Fisheries Protection And Pollution Prevention.

Ontario Water Resources Act.

Ontario Regulation 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000

We are very concerned because as stated before we have seen the run off of fluids from 1294 Wharf Street go directly into Frenchman's Bay on 3 separate occasions during heavy rain.

Who is responsible to enforce the Acts and who should I contact to elevate this problem? TRCA, MPP's ?

8. (1) A Class VIII spill is a spill of gasoline or an associated product, as those terms are defined in Ontario Regulation 217/01 (Liquid Fuels) made under the *Technical Standards and Safety Act, 2000*, at a location defined in that regulation as a bulk plant, marina, private outlet or retail outlet,

(a) of not more than 100 litres in areas restricted from public access; or

(b) of not more than 25 litres in areas with public access.
O. Reg. 675/98, s. 8 (1); O. Reg. 225/07, s. 3.

(2) A Class VIII spill is exempt from clauses 92 (1) (a) and (b) and subsections 92 (3) and (4) of the Act if,

(a) the spill does not enter and is not likely to enter any waters, as defined in the *Ontario Water Resources Act*, directly or through drainage structures;

(b) the spill does not cause and is not likely to cause any adverse effects, other than those that are readily remediated through cleanup and restoration of paved, gravelled or sodded surfaces; and

(c) arrangements for the remediation referred to in clause (b)

Regards

s.21

On Jul 22, 2019, at 1:44 PM, Klinck, Kathleen (MECP) <Kathleen.Klinck@ontario.ca> wrote:

Hello

Thank you for your call this morning regarding your concerns about possible asbestos removal and disposal resulting from demo/reno activities at The Port Restaurant three months ago.

No site visit was involved as the demo activities of concern were three months ago and the waste materials would already have been removed. I spoke with the owner of the restaurant this morning and he informed me that no asbestos was used in the construction of the restaurant and therefore no asbestos was removed from the restaurant for disposal.

I understand our duty officer Steve Batten advised you to contact the Ontario Ministry of Labour with respect to your concerns about asbestos which you believe may have been contained in the building. If you or the Ministry of Labour has any further information to offer with respect to improper asbestos waste disposal, I may be reached at the number below or by email.

Thank you for your call.

Kathleen Clinck

Senior Environmental Officer
York-Durham District Office
Central Region
Ministry of the Environment, Conservation and Parks
New Number: 905-424-1846

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement, de
la Protection de la nature et des
Parcs



Client Services and
Permissions Branch

Direction des services à la
clientèle et des permissions

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
Tel.: 416 314-8001
Fax: 416 314-8452

135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Télec. : 416 314-8452

Via Mail

August 22, 2018

RALPH MORGAN
2643970 ONTARIO INC.
647 BREEZY DRIVE
PICKERING ON L1W 2X4

Dear RALPH MORGAN:

Record of Site Condition Number 224841 Has Been Filed in the Environmental Site Registry for 1280, 1288, 1290, 1292, 1294 WHARF STREET & 607 ANNLAND, PICKERING.

Pursuant to paragraph 3 of subsection 168.4(3.1) of the *Environmental Protection Act*, this is a written acknowledgment that Record of Site Condition (RSC) number 224841 has been filed in the Environmental Site Registry on August 22, 2018.

An electronic copy of this RSC can be viewed and downloaded from the Environmental Site Registry located here:

https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search?request_locale=en

If you have any questions or require additional information, please contact Sridhar Sangaraju, Brownfields Filing and Review, at 416-326-1187.

Regards,

Sridhar Sangaraju, P.Geo.
Director
Subsection 168.4(3), *Environmental Protection Act*

Attachment

c: PETER ROBERTS, PINCHIN LTD.
District Manager, York-Durham District Office, MECP

File No.: 18-488

Ministry of the Environment,
Conservation and Parks

Ministère de l'Environnement,
de la Protection de la nature et
des Parcs



Client Services and
Permissions Branch

Direction des services à la
clientèle et des permissions

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1st Floor
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135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Télec. : 416 314-8452

Via Mail

July 13, 2018

RALPH MORGAN
2643970 ONTARIO INC.
647 BREEZY DRIVE
PICKERING ON L1W 2X4

Dear RALPH MORGAN:

**Re: Notice of Receipt of Record of Site Condition (Confirmation Number 43986970)
1280, 1288, 1290, 1292, 1294 WHARF STREET & 607 ANNLAND, PICKERING.**

Pursuant to clause 168.4(3)(a) of the *Environmental Protection Act*, the Director is satisfied that everything required by subsection 168.4(2) has been submitted for filing. By August 27, 2018, the Director will give a notice or acknowledgement under subsection 168.4(3.1).

If you have any questions or require additional information, please contact Colin Lacey, Brownfields Filing and Review, at 416-326-2945.

Regards,

C-7.17 (-~)

Colin Lacey
Director
Subsection 168.4(3), *Environmental Protection Act*

c: PETER ROBERTS, PINCHIN LTD.
District Manager, York-Durham District Office, MECP

File No.: 18-488

Ministry of the Environment
and Climate Change

Ministère de l'Environnement et
de l'Action en matière de
changement climatique



Client Services and
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Direction des services à la
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135 St. Clair Avenue West
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Tel.: 416 314-8001
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135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Télééc : 416 314-8452

Via Mail

June 12, 2018

RALPH MORGAN
2388116 ONTARIO INC.
1289 WHARF STREET
PICKERING ON L1W 1A2

Dear RALPH MORGAN:

**Re: Notice That Record of Site Condition (Confirmation Number 43904091)
Cannot Be Filed
1280, 1288, 1290, 1292 & 1294 WHARF STREET AND 607 ANNLAND , PICKERING.**

Pursuant to paragraph 1 of subsection 168.4(3.1) of the *Environmental Protection Act*, Record of Site Condition (RSC) confirmation number 43904091 cannot be filed in the Environmental Site Registry because it has not been completed in accordance with the regulations. This letter specifies the manner in which the RSC has not met the requirements of Ontario Regulation 153/04 as detailed below.

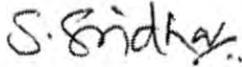
1. Subsection 4(1), paragraphs 1 and 4 of Schedule A – The owner of the RSC property who is submitting the RSC for filing must be identified in the RSC, as well as any other current owners of the RSC property. The owner or owners must provide additional documentation that demonstrates joint ownership of the entire RSC property (such as a deed and the letter prepared by a lawyer that describes, among other things, the nature of ownership).
 - The RSC identifies three owners of the RSC property; however, the letter prepared by the lawyer confirms that each owner is an owner of separate parts of the property. In order to submit a RSC for filing, all owners must jointly own the entire RSC property.
2. Subsection 4(1), subparagraph 4.1i of Schedule A – This subparagraph requires that the legal description of the RSC property and a list of its owners and a description of the nature of their interest and any municipal address, assessment roll number and property identifier number (PIN) applicable to the property, prepared by a lawyer after reviewing a current plan of survey of the property that has been prepared, signed and sealed by a surveyor and all other necessary documents, be submitted with the RSC.

- The legal description refers to Parcel 11-1, Section M89, Lot 11, Plan M89 (Pickering), together with a right-of-way in , over, along and upon Lots 3 and 13, Plan M89, Pickering, which is a property that is smaller than the RSC property, according to the plan of survey that was provided with the RSC.
3. Subsection 5(1), paragraph 7 of Schedule A – A copy of a current plan of survey, prepared, signed and sealed by a surveyor showing the RSC property, any risk assessment (RA) property within which the RSC property is located, and the phase one property and any phase two property within which the RSC property is located is required as part of the RSC submission.
 - The plan of survey submitted with the RSC does not show the phase one property. The bounds of each of the RSC property, the phase one property and the phase two are required to be part of the plan of survey (i.e., surveyed boundaries) and be clearly identified (i.e., highlighted and labelled as the phase one, phase two and the RSC properties). This includes identifying these properties on any cross sections or detailed area enlargements provided as part of the plan of survey.
 4. Subsection 6(1) of Schedule A – The person who is submitting the RSC for filing shall ensure that the owner of the RSC property or their agent signs and dates the RSC and makes the statements in the RSC, in the language set out in the owner's/agent's certification statements, in relation to the part of the RSC that includes the information and statements required by this Part.
 - The owner certification statements provided with the RSC have been modified (e.g., added additional wording) and the owner certification document does not match the format specified in the Regulation. The owner certification document and format must be completed by the owner as provided to the qualified person (QP) during the RSC submission.
 5. Clause 16(2)(a) of Schedule D – The table of areas of potential environmental concern (APECs) is required to be completed in a form approved by the Director as part of the phase one environmental site assessment (ESA).
 - The potentially contaminating activity (PCA) column in the table of APECs means, where applicable, a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area. The PCA number and the wording specified in Table 2 are required.
 6. Clause 16(2)(b) of Schedule D – The table of current and past uses of the phase one property is required to be completed in a form approved by the Director as part of the phase one ESA.
 - The column "Property Use" is required to align the use of the property with the uses defined in the Regulation (see note #1 in the footnotes of the approved form). "Assumed vacant" and "Assumed agricultural or other use" are not uses recognized by the Regulation.
 - The current owners listed in the table do not match the ones identified in the RSC. For example, Gladys Jean Armstrong is identified as the current owner of PIN 26319-0619. If the ownership of the RSC property has changed since the completion of the phase one ESA, an update to the phase one ESA report is required to document changes made to the table of current and past uses of the

phase one property. This phase one ESA report update is to be listed in the 'Phase One ESA Reports' section of the RSC as an "update" along with the phase one ESA report.

If you have any questions or require additional information, please contact Sridhar Sangaraju, Brownfields Filing and Review, at 416-326-1187.

Regards,



Sridhar Sangaraju, P. Geo.
Director
Subsection 168.4(3.1), *Environmental Protection Act*

c: PETER ROBERTS, PINCHIN LTD.
District Manager, York-Durham District Office, MOECC

File No.: 18-488

Ministry of the Environment
and Climate Change

Client Services and
Permissions Branch

135 St. Clair Avenue West
1st Floor
Toronto ON M4V 1P5
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Fax: 416 314-8452

Ministère de l'Environnement et
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135, avenue St. Clair Ouest
Rez-de-chaussée
Toronto ON M4V 1P5
Tél : 416 314-8001
Télééc. : 416 314-8452



Via Mail

May 2, 2018

RALPH MORGAN
2388116 ONTARIO INC.
1289 WHARF STREET
PICKERING ON L1W 1A2

Dear RALPH MORGAN:

**Re: Notice of Receipt of Record of Site Condition (Confirmation Number 43904091)
1280, 1288, 1290, 1292 & 1294 WHARF STREET AND 607 ANNLAND , PICKERING.**

Pursuant to clause 168.4(3)(a) of the *Environmental Protection Act*, the Director is satisfied that everything required by subsection 168.4(2) has been submitted for filing. By June 14, 2018, the Director will give a notice or acknowledgement under subsection 168.4(3.1).

If you have any questions or require additional information, please contact Colin Lacey, Brownfields Filing and Review, at 416-326-2945.

Regards,

C-7.7 (-~)

Colin Lacey
Director
Subsection 168.4(3), *Environmental Protection Act*

c: PETER ROBERTS, PINCHIN LTD.
District Manager, York-Durham District Office, MOECC

File No.: 18-488

SUMMARY FORM FOR GENERATOR REGISTRATION REPORTS (GRR)

3

GENERATOR REGISTRATION NUMBER : ON 1098900

COMPANY NAME : KEITH AVIS HAULAGE LTD.

WASTE MANAGEMENT BRANCH (WMB) REVIEW

23-355

NOTES :

GRR DATED: MAR 14/89

REC'D: MAR 21/89

TELEPHONED:

Returned call : may 4/89 - J. AVIS

Region : Please confirm carrier - assist if necessary

1 WASTE ACK: 252T

Based on information provided, Waste Class(es) appear(s) reasonable as acknowledged



ACKNOWLEDGED



REJECTED



MINISTRY OF THE ENVIRONMENT CENTRAL REGION 7 OVERLEA BLVD.

JM

WMB REVIEWER

DATE: May 3/89

REGIONAL REVIEW

TORONTO, ONTARIO M4H 1A8

RECEIVED 29 JUN 1989

NOTES :

No changes to GRR

Clarification to GRR (attachments enclosed)

Changes to GRR (attachments enclosed)

REGIONAL REVIEWER

DISTRICT OFFICER

DATE :

DATE :



Ministry
of the
Environment

Ministère
de
l'Environnement

Generator Registration Report

"Regulation 309, R.R.O. 1980, Form 2"

Rapport d'inscription du producteur

"Règlement 309, R.R.O. de 1980, formule 2"

NOTE: Regulation 309 requires generators of hazardous or liquid industrial wastes to submit a Generator Registration Report using this form respecting each waste generation facility and each hazardous or liquid industrial waste.

REMARQUE: Le règlement 309 exige que les producteurs de déchets industriels liquides ou dangereux présentent un Rapport d'inscription du producteur en se servant de la présente formule pour chaque lieu de production de déchets et chaque déchet industriel liquide ou dangereux.

Part I - Generator Identification / Partie I - Identification du producteur

This report is / Le présent rapport constitue:		Generator Registration Number N° d'inscription du producteur	
1. <input checked="" type="checkbox"/> an initial generator registration report / un premier rapport d'inscription du producteur	ON1098900		
or / ou	23-355		
2. <input type="checkbox"/> a revision - enter Ontario Generator Registration No. une révision - veuillez inscrire le numéro d'inscription du producteur de l'Ontario			
3. For generators located outside of Ontario, enter Registration/Notification number assigned by your local environmental authority. / Si vous êtes un producteur de l'extérieur de l'Ontario, veuillez inscrire le numéro d'inscription/d'identification attribué par les autorités locales en matière d'environnement.			
Name of Generator (Enter the corporate name or, if a partnership or proprietorship, the name of the principal(s). If the generator intends to carry on business under a separate name or style, this should also be entered.) / Nom du producteur (Veuillez inscrire la dénomination sociale ou, s'il s'agit d'une société en nom collectif ou d'une société à propriétaire unique, le nom du (des) principal (principaux) propriétaire(s). Si le producteur envisage d'exploiter une entreprise sous une dénomination ou un nom distinct, veuillez également le noter.)			
4. Name / Nom	✓ KEITH AVIS HAULAGE LTD.		
5. Address / Adresse			
595 ANN LAND STREET			
6. Municipality / Municipalité	Province/State Province/État	Postal Code / Code postal	
PICKERING	ONT	L1W1A6	
7. Site location / Lieu des installations			
640 LIVERPOOL RD S.			
8. Municipality / Municipalité	Province/State Province/État	Postal Code / Code postal	
PICKERING	ONT	L1W1R2	
9. Name of contact / Nom de la personne à contacter	Tel No. / N° de tél.		
JUDITH AVIS	4168399996		
10. Standard Industrial Classification Codes (SIC) for Site noted in Section 7. / Codes de la classification des activités économiques pour les installations décrites au n° 7			
4564			
11. Total number of wastes to be registered with this report / Nombre total de déchets à inscrire au moyen de ce rapport			
001			
12. Name of Company Official / Nom du représentant autorisé de la compagnie		13. Position / Poste	
Keith Avis		President	
14. Signature / Signature		15. Date / Date	
		March 14 th / 89.	
<p style="margin: 0;">..... PENALTY PÉNALTÉ</p> <p style="margin: 0; font-size: small;">Contraventions may be punished by fines of up to \$2,000 (higher if environmental damage may result). (Environmental Protection Act, sections 47 and 147)</p> <p style="margin: 0; font-size: small;">Toute infraction peut être sanctionnée par une amende maximale de 2 000 \$ (ou plus s'il peut en résulter une détérioration de l'environnement). (Articles 47 et 147 de la Loi sur la protection de l'environnement)</p>			
16. Ministry Use Only / Réservé au ministère			
County Code / Code de comté		39	
Regional/District Code / Code de région/district		03-306	
Municipal Code / Code de municipalité		03390204	
Inter City Tie Line / Ligne privée interurbaine			



Record of Verbal Transaction

Waste Management Branch

File No. ON1098900

From: <i>Stephanie Mortenson</i>	To: <i>Judith Auis</i>	
Location <i>WMB</i>	Location <i>Keith Auis Haulage Ltd</i>	
<input type="checkbox"/> Incoming Call <input checked="" type="checkbox"/> Outgoing Call <input type="checkbox"/> Interview	Time <i>1:30 pm</i>	Date <i>May 3/89</i>

Re: *Registered Carries*

tot left message

Stephanie L. Mortenson
Signature



Record of Verbal Transaction

Waste Management Branch

File No. 0N1098900

From: s.21 [Redacted]		To: Stephanie Mortenson	
Location Pickering		Location WMB	
<input checked="" type="checkbox"/> Incoming Call <input type="checkbox"/> Outgoing Call <input type="checkbox"/> Interview		Time 9:00 am	Date May 4/89

Re:

They intended to use a registered carrier - CANAM oil services.

Stephanie Mortenson

Signature



JUN 27 1989

135 St. Clair Avenue West
Suite 100
Toronto, Ontario
M4V 1P5

135. avenue St. Clair ouest
Bureau 100
Toronto (Ontario)
M4V 1P5

Keith Avis Haulage Ltd.
595 Annland Street
Pickering, Ontario
L1W 1A6

Attn: Mr. Keith Avis
President

Dear Mr. Avis:

RE: Acknowledgement of Subject Waste Registration

As prescribed by Section 15(3) of Ontario Regulation 309, this letter acknowledges receipt of your Generator Registration Report(s) dated March 14, 1989 and telephone conversation(s) with J. Avis May 4, 1989 for the following site:

640 Liverpool Rd. S.
Pickering, Ontario

The Generator Registration Number assigned to your company at this site is:

ON1098900

Please note that this Generator Registration Number must be used only in conjunction with the site for which it was issued.

Please ensure that the company name shown in this letter is complete and accurate. This would be the corporate name or, if a partnership or proprietorship, the name of the principal(s). If you intend to carry on business under a separate name or style, this should also be entered. If there is a discrepancy, it is your responsibility to re-register providing us with your complete and accurate company name.

A list of the waste stream(s) covered by this acknowledgement is attached to this letter as Schedule "A".

For off-site disposal of subject wastes, the waste number(s) describing the waste stream(s) in Schedule "A" and the Generator Registration Number must be entered on manifest forms for each waste transaction after you have received this generator registration document. A copy of an example manifest form is attached for your information.

For on-site disposal of subject wastes covered by this acknowledgement, including on-site incineration, landfilling and discharges to sanitary sewers, every generator shall retain records for a period of at least two years. These records shall include the generator registration number, waste name(s), waste number(s), quantity and disposition of the waste(s).

For off-site disposal of any registerable solid wastes shown in Schedule "A" (waste classes ending in the letter "N"), manifesting is not required at this time. These wastes can be disposed of at most approved municipal landfilling sites.

The selection of accurate waste classes is the responsibility of each waste generator. This acknowledgement must not be considered as a confirmation of the accuracy of information submitted by you. Based on the information you have provided, the waste class(es) that has (have) been selected appear(s) to be correct. If, due to new information or re-assessment of information submitted, you feel your waste is inappropriately classified, you should apply for a revision to your registration using the Generator Registration Report, Form 2. Should the waste class(es) that you have selected be deemed incorrect by the Ministry, or improper waste disposal occurs at any time, you may be subject to legal action as provided by the Environmental Protection Act and Regulation 309.

Your Generator Registration Report has now been forwarded to the District Office of this Ministry that is closest to your generating site. The District Office will be conducting a post-registration audit and may be contacting you for additional information or may be conducting site visits.

ADDITIONAL COMMENTS:

Based on the information you have submitted in your Generator Registration Report and/or through telephone discussion, we have selected the waste class 252T for your crankcase oil.

It is your responsibility to evaluate this waste class and re-register within fifteen (15) days if it is found to be inappropriate for your particular waste.

Please ensure that the wastes shown in Schedule "A" include all of your subject wastes and that other registerable wastes, such as cleaning solvents have not been omitted.

SCHEDULE "A"

This attached Schedule forms part of the acknowledgement of generator registration for the facility and site identified by Generator Registration Number ON1098900, dated at Toronto, JUN 27 1989

	Waste Stream	Waste Class
1.	Crankcase oil	252T

Waste Management Branch Reviewer: _____

K. H. Jun
K. H. Jun

Wahida Nashreen

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: August 4, 2022 12:54 PM
To: Wahida Nashreen
Subject: RE: Request for Information - Liverpool Road, Pickering, ON

Caution: This email originated from outside of the Terrapex Office365 Mail System. Do not click on a link or attachment unless you are absolutely sure that it is safe. Be extra vigilant with any internal emails that have this banner. Please report the email to spam@sysoft.ca or contact Sysoft Support via the regular support channel if you have doubts.

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue; When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.

Questions? Please contact TSSA's Public Information Release team at publicinformationsservices@tssa.org.

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,
Sherees



Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Wahida Nashreen <w.nashreen@terrapex.com>
Sent: August 4, 2022 12:12 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Cc: Sara Sutherland <s.sutherland@terrapex.com>
Subject: Request for Information - Liverpool Road, Pickering, ON

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon,

I would like to enquire if TSSA has any record about fuel tanks at the following addresses located in Pickering, ON:

1290, 1292, 1294 and 1295 Wharf Street
633, 641, 645, 649, 653 and 660 Liverpool Road

Thank you,

Wahida

Wahida Nashreen, MSc
Environmental Scientist



Office: 416 245 0011 ext 249
Mobile: 416 294 1355
Email: w.nashreen@terrapex.com

90 Scarsdale Road
Toronto Ontario M3B 2R7
Canada

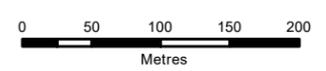
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APPENDIX VI
AERIAL PHOTOGRAPHS AND SATELLITE IMAGES



LEGEND
 [Red dashed line] SITE BOUNDARY
 [Red solid line] PHASE ONE STUDY AREA



IMAGERY SOURCE: NATIONAL AIR PHOTO LIBRARY OF CANADA
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD AND 609 ANN LAND STREET
 PICKERING, ONTARIO



TITLE:
 1939 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY: JS	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	APPENDIX: VI-1

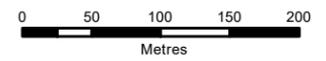
C:\Users\swilliams\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3400\CT3414_01_640 Liverpool Road_Pickering\WXDICT3414_01_FIGVI HISTORICAL AERIALS.mxd



LEGEND

 SITE BOUNDARY

 PHASE ONE STUDY AREA



IMAGERY SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD AND 609 ANN LAND STREET
 PICKERING, ONTARIO



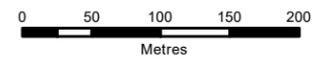
TITLE:
 2002 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY: JS	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	APPENDIX: VI-2

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LEGEND
 SITE BOUNDARY
 PHASE ONE STUDY AREA



IMAGERY SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD AND 609 ANNLAND STREET
 PICKERING, ONTARIO



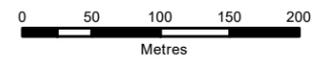
TITLE:
 2012 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY: JS	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	APPENDIX: VI-3

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LEGEND
 SITE BOUNDARY
 PHASE ONE STUDY AREA



IMAGERY SOURCE: MAPCAST MAPPING SERVICES
 MAP PROJECTION: NAD 1983 UTM ZONE 17N

CLIENT:
 LIVERPOOL LIMITED PARTNERSHIP

SITE LOCATION:
 640 LIVERPOOL ROAD AND 609 ANN LAND STREET
 PICKERING, ONTARIO



TITLE:
 2021 HISTORICAL AERIAL PHOTOGRAPH

DRAWN BY: JS	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	APPENDIX: VI-4

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Aerial Photograph - 1946



Aerial Photograph – 1964



Aerial Photograph – 1970



Aerial Photograph – 1981



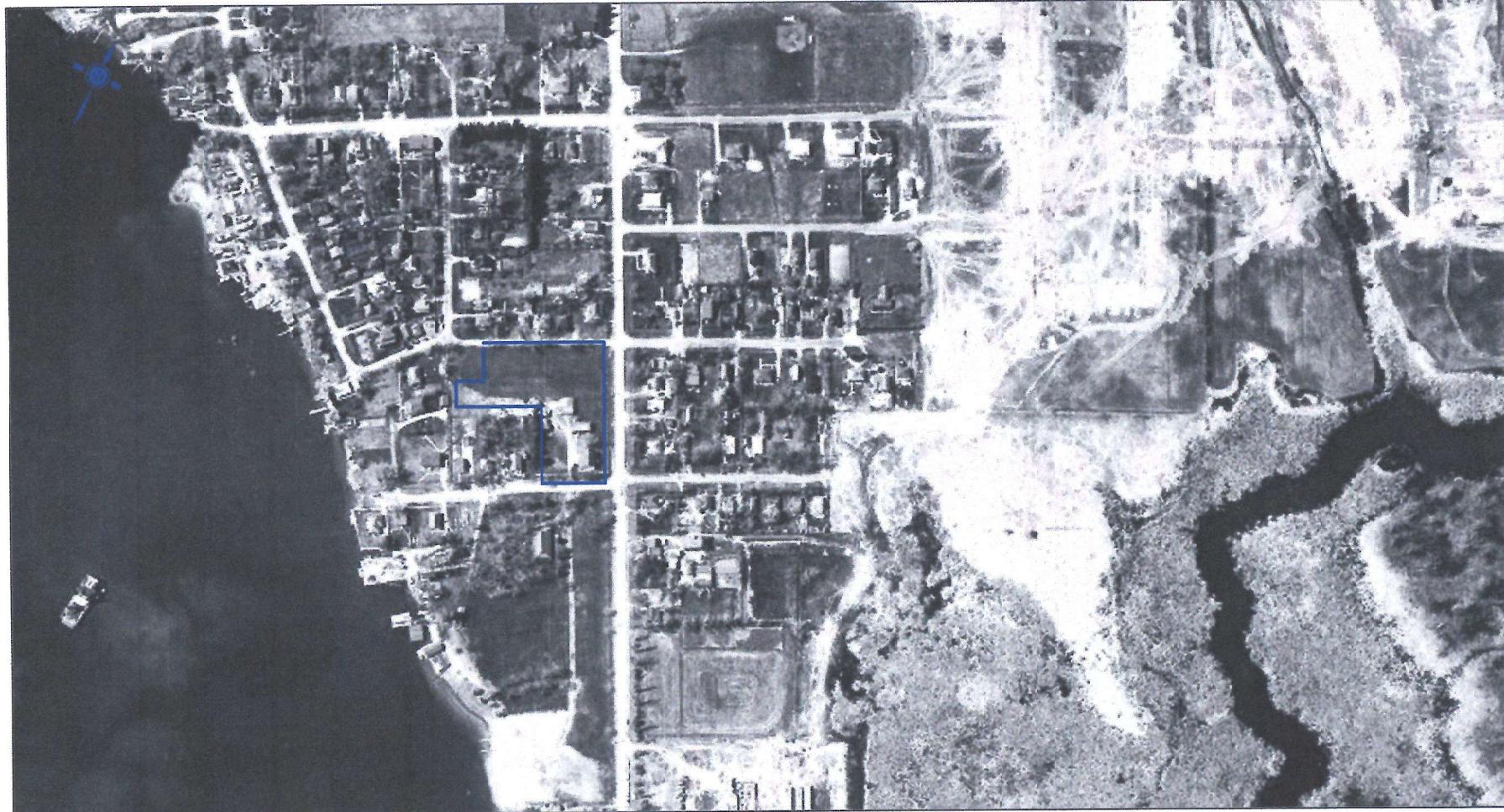
Aerial Photograph – 2005



Aerial Photograph – 2009



Aerial Photograph – 2015



Title: 1961 Aerial Photo
Project: Phase I Environmental Site Assessment
Location: 640 Liverpool Road, Pickering, Ontario

Legend:

— - Site Boundary

Date: August 13, 2021
Project No.: Ma006175a
 Edward Wong



Title: 1969 Aerial Photo
Project: Phase I Environmental Site Assessment
Location: 640 Liverpool Road, Pickering, Ontario

Legend:
— - Site Boundary

Date: August 13, 2021
Project No.: Ma006175a
Edward Wong



Title: 1975 Aerial Photo
Project: Phase I Environmental Site Assessment
Location: 640 Liverpool Road, Pickering, Ontario

Legend:
— - Site Boundary

Date: August 13, 2021
Project No.: Ma006175a
Edward Wong



Title: 2010 Aerial Photo
Project: Phase I Environmental Site Assessment
Location: 640 Liverpool Road, Pickering, Ontario

Legend:
— - Site Boundary

Date: August 13, 2021
Project No.: Ma006175a
Edward Wong



Title: 2018 Aerial Photo
Project: Phase I Environmental Site Assessment
Location: 640 Liverpool Road, Pickering, Ontario

Legend:
— - Site Boundary

Date: August 13, 2021
Project No.: Ma006175a
Edward Wong

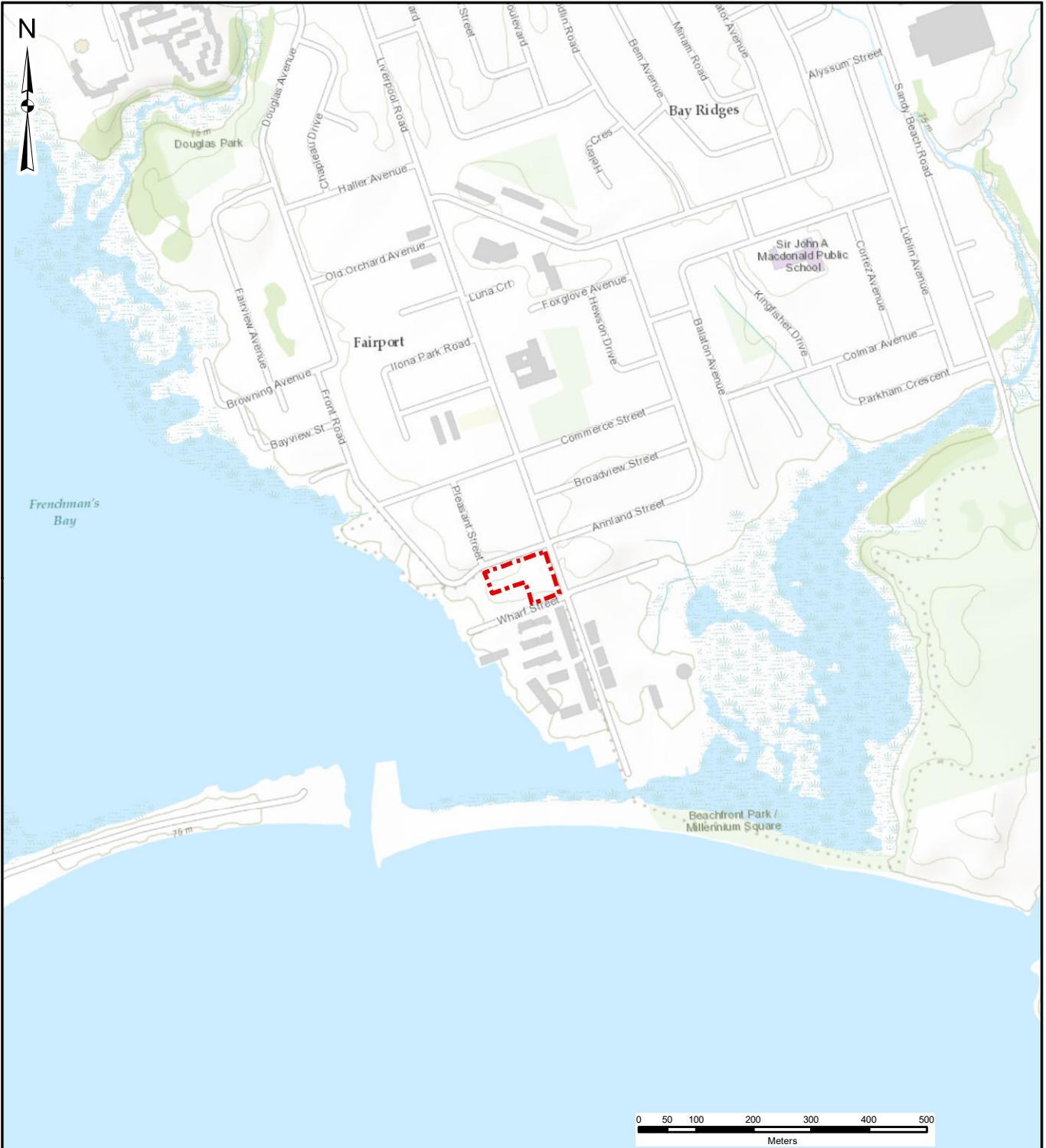


Title: 2020 Aerial Photo
Project: Phase I Environmental Site Assessment
Location: 640 Liverpool Road, Pickering, Ontario

Legend:
— - Site Boundary

Date: August 13, 2021
Project No.: Ma006175a
Edward Wong

APPENDIX VII
TOPOGRAPHIC AND ONTARIO BASE MAPS



C:\Users\swilliams\OneDrive - Terrapex Environmental Ltd\PROJECTS\Toronto\CT3400\CT3414.01 640 Liverpool Road, Pickering\MXD\CT3414.01 FIGVII-1 TOPO.mxd

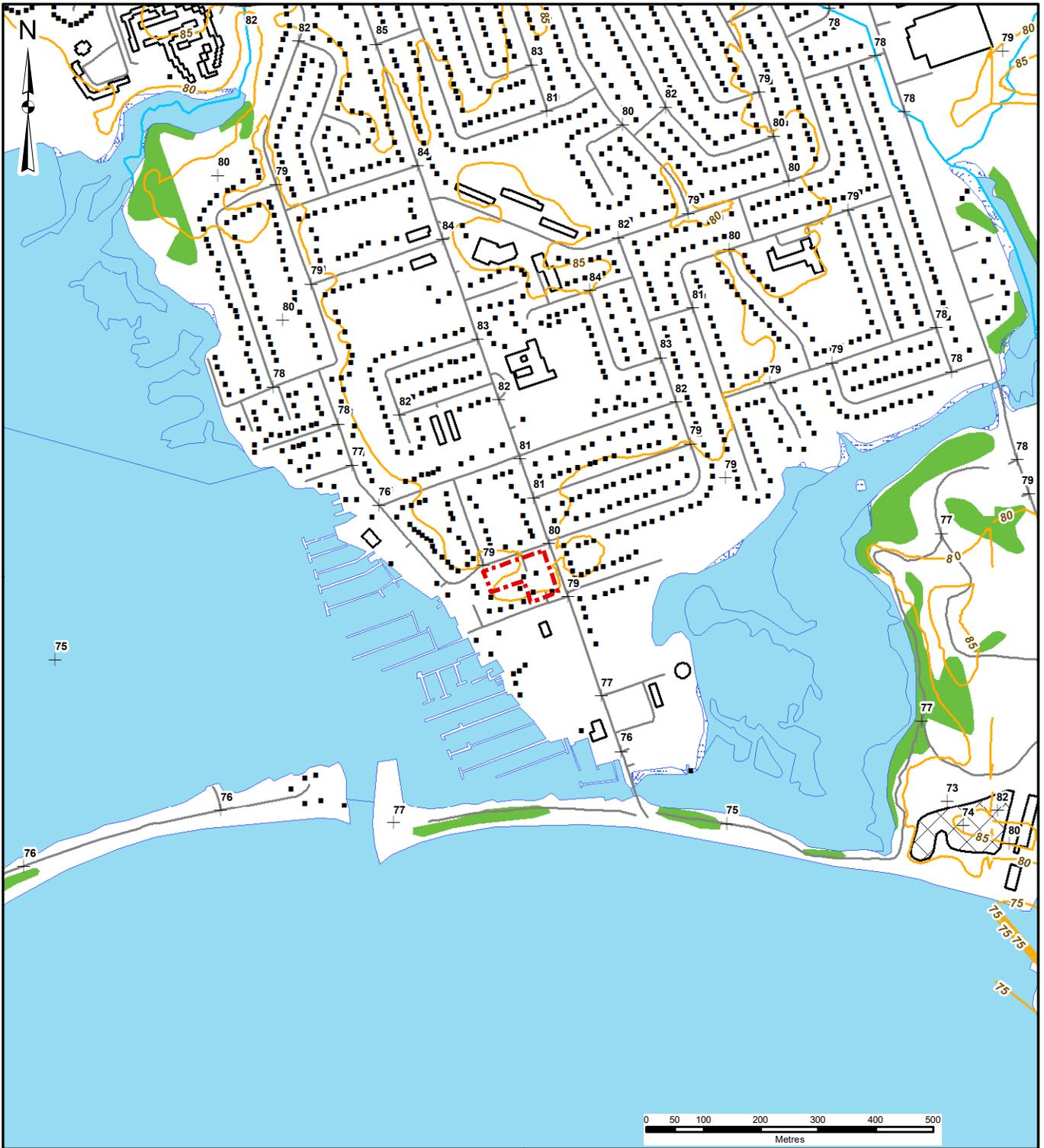
LEGEND

 SITE BOUNDARY

CLIENT: LIVERPOOL LIMITED PARTNERSHIP		
SITE LOCATION: 640 LIVERPOOL ROAD AND 609 ANN LAND STREET PICKERING, ONTARIO		
		
TITLE: TOPOGRAPHIC MAP		
DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	APPENDIX: VII-1

DATA SOURCE: ESRI
MAP PROJECTION: NAD 1983 UTM Zone 17N

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LEGEND

- SITE BOUNDARY
- BUILDING
- BUILDING FOOTPRINT
- SPOT HEIGHT
- CONTOUR LINE
- RAILWAY
- ROADS
- WOODED AREA
- WATERBODIES
- WETLANDS
- UTILITY LINE
- WATERCOURSES
- PITS AND QUARRY

DATA SOURCE: GEOGRAPHY NETWORK
 MAP PROJECTION: NAD 1983 UTM Zone 17N

CLIENT: LIVERPOOL LIMITED PARTNERSHIP		
SITE LOCATION: 640 LIVERPOOL ROAD AND 609 ANNLAND STREET PICKERING, ONTARIO		
TITLE: ONTARIO BASE MAP		
DRAWN BY: SW	PROJECT NO.: CT3414.01	CHECKED BY: SS
REVISION: 00	DATE: NOVEMBER 2022	APPENDIX: VII-2

APPENDIX VIII
SITE PHOTOGRAPHS

Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 1**Date:** August 10, 2022**Viewing Direction:**
Southeast**Description:**

View of the west side of the 640 Liverpool Road residence, which was vacant.

**Photo No:** 2**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of the heating oil tank located in west portion of the residence basement. Some staining can be observed on the basement floor.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 3**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of the residence basement plumbing and utility fixtures. Note the bleach container stored on a shelf.

**Photo No:** 4**Date:** August 10, 2022**Viewing Direction:**
South**Description:**

View of the Site with hobby garage and storage shed in the background.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 5

Date: August 10, 2022

Viewing Direction:
N/A

Description:

View of the heater located in the southwest corner of the hobby garage.



Photo No: 6

Date: August 10, 2022

Viewing Direction:
N/A

Description:

View of the hobby garage interior showing the storage of tools, automotive fluid containers, and an air compressor.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 7**Date:** August 10, 2022**Viewing Direction:**
North**Description:**

View of 640 Liverpool Road driveway with marked utilities.

**Photo No:** 8**Date:** August 10, 2022**Viewing Direction:**
North**Description:**

View of 640 Liverpool Road property and wood pile.

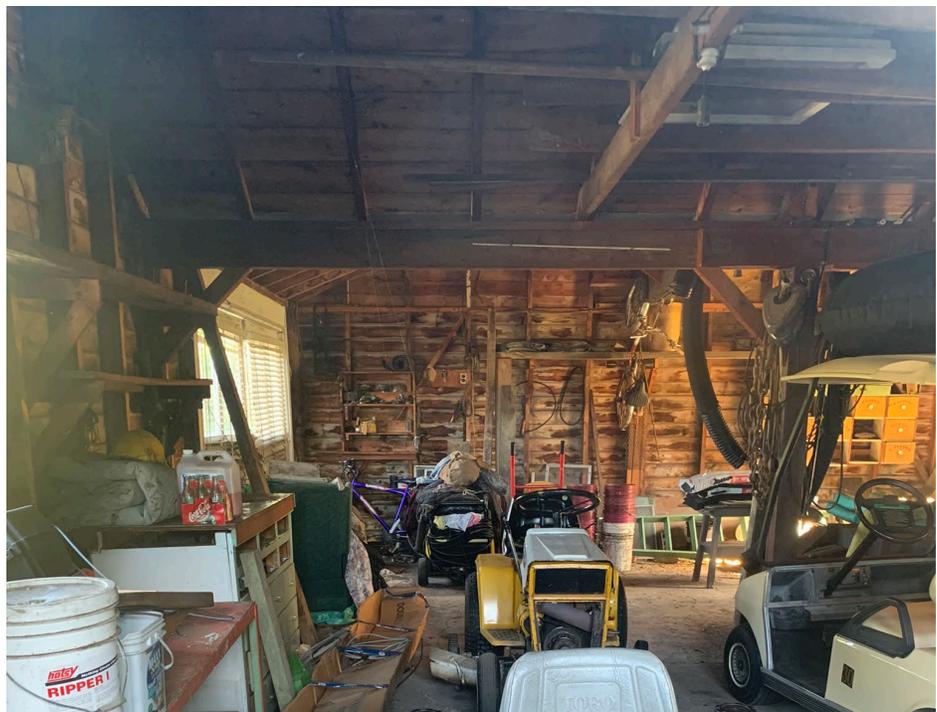


Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 9**Date:** August 10, 2022**Viewing Direction:** North-East**Description:**

View of the south and west exterior walls of the storage shed.

**Photo No:** 10**Date:** August 10, 2022**Viewing Direction:** N/A**Description:**

View of the interior of the storage shed. The shed was observed to be used for the storage of property maintenance equipment, containers of automotive fluids, a battery-operated golf cart, and several generators.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 11

Date: August 10, 2022

Viewing Direction:
East

Description:

View of the west side of the neighbouring 1294 Wharf Street workshop.


Photo No: 12

Date: August 10, 2022

Viewing Direction:
North

Description:

View of the gravel parking lot of 1292 and 1294 currently used as overflow parking for PORT restaurant. A trailer, heavy equipment, jet-ski, and boat can be observed.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 13**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of the interior of the 1292 Wharf Street workshop with floor drain and oil containers.

**Photo No:** 14**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of one shelf of paint thinners and oil containers in the 1292 Wharf Street workshop.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 15**Date:** August 10, 2022**Viewing Direction:**
North**Description:**

Exterior view of the 1290 Wharf Street residence that is currently vacant.

**Photo No:** 16**Date:** August 10, 2022**Viewing Direction:**
North**Description:**

View of the overgrown back yard at 1290 Wharf Street, including a pile of wood, an old boat, and a treehouse.

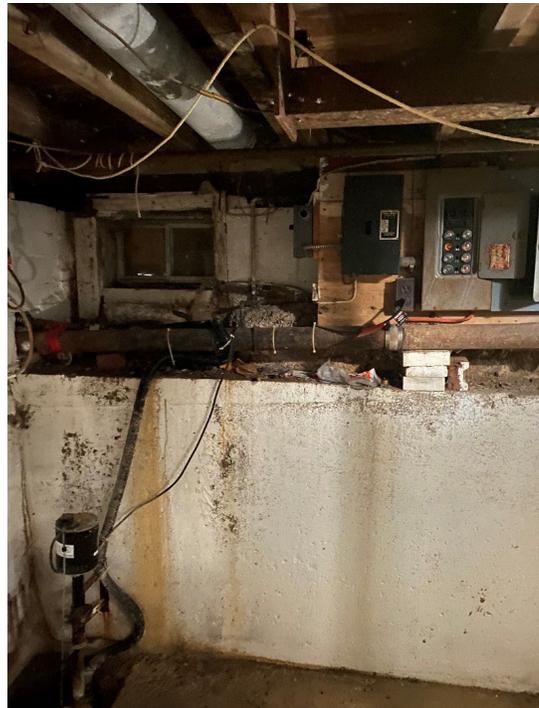


Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 17**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

Interior view of the ground floor of 1290 Wharf Street showing exposed insulation, framing, and wood floors.

**Photo No:** 18**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

Interior view of 1290 Wharf Street residence showing the electrical panel and sump pump in the basement.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 19**Date:** August 10, 2022**Viewing Direction:**
East**Description:**

Exterior view of the west side of 1288 Wharf Street, with fill and vent piping under the balcony as indicated by the arrow.

**Photo No:** 20**Date:** August 10, 2022**Viewing Direction:**
Northwest**Description:**

View of the backyard of 1288 Wharf Street. The structure to the north is a chicken coop.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 21

Date: August 10, 2022

Viewing Direction:
N/A

Description:

View of the basement of 1288 Wharf Street showing a new hot water tank and piping and debris covering the floor.



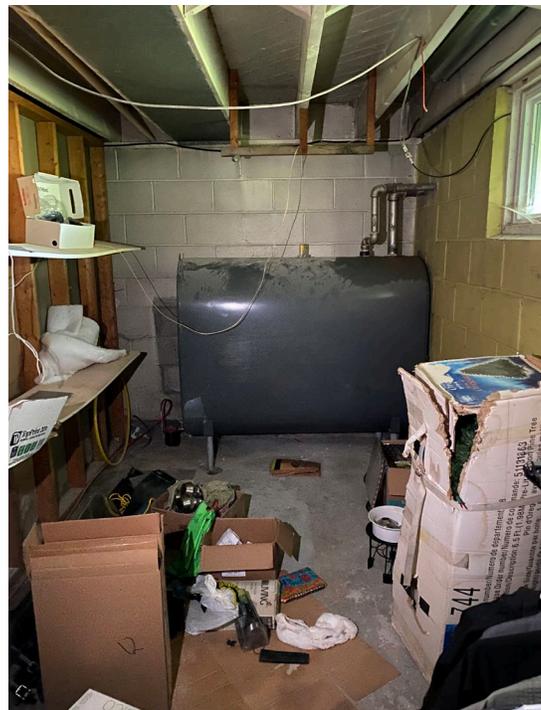
Photo No: 22

Date: August 10, 2022

Viewing Direction:
N/A

Description:

View of the basement of 1288 Wharf Street showing a fuel tank that is no longer in service.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 23**Date:** August 10, 2022**Viewing Direction:**
Northeast**Description:**

Exterior view of 1280 Wharf Street.

**Photo No:** 24**Date:** August 10, 2022**Viewing Direction:**
Southeast**Description:**

View of the inside of the garage located at 1280 Wharf Street showing fallen insulation from the damaged ceiling, possible mold, and stains on the floor.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 25**Date:** August 10, 2022**Viewing Direction:**
Southeast**Description:**

View under the 1280 Wharf Street deck showing the entrance to the crawl space basement.

**Photo No:** 26**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of the crawl space of 1280 Wharf Street showing the hot water tank and natural gas furnace.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 27**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of the crawl space of 1280 Wharf Street showing the sump pump and exposed insulation.

**Photo No:** 28**Date:** August 10, 2022**Viewing Direction:**
Southeast**Description:**

Exterior view of the north side of 607 Annland Street.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 29

Date: August 10, 2022

Viewing Direction:
South-West

Description:

View of 607 Annland Street's east exterior wall, the backyard, and two drums of soil cuttings. Note the chimney.


Photo No: 30

Date: August 10, 2022

Viewing Direction:
N/A

Description:

View of the residence basement at 607 Annland Street showing a hot water tank, furnace, dishwasher, and stored paint cans.



Client: Liverpool Limited Partnership**Site Location:** 640 Liverpool Road, Pickering, Ontario, Canada**Project No:** CT3414.01**Photo No:** 31**Date:** August 10, 2022**Viewing Direction:**
N/A**Description:**

View of the basement of the 607 Annland Street residence showing a floor drain.

**Photo No:** 32**Date:** August 10, 2022**Viewing Direction:**
East**Description:**

View of the parking lot on the north portion of 640 Liverpool Road used by the City of Pickering for paid public parking.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 33

Date: August 10, 2022

Viewing Direction: Northeast

Description:

View of Annland Street to the north of the property showing a residential neighbourhood.



Photo No: 34

Date: August 10, 2022

Viewing Direction: North

Description:

View of Liverpool Road to the east of the Site showing residential houses and paid parking.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 35

Date: August 10, 2022

Viewing Direction:
South

Description:

View of Liverpool Road and Wharf Street intersection with mixed-use buildings and paid parking beyond Wharf Street.



Photo No: 36

Date: August 10, 2022

Viewing Direction:
West

Description:

View of Wharf Street showing residential neighbourhood and south portion of the Site.



Client: Liverpool Limited Partnership

Site Location: 640 Liverpool Road, Pickering, Ontario, Canada

Project No: CT3414.01

Photo No: 37

Date: August 10, 2022

Viewing Direction:
South

Description:

View of the 1272 Wharf Street driveway, located west of the Site.


Photo No: 38

Date: August 10, 2022

Viewing Direction:
West

Description:

View of 1272 Wharf Street with gravel parking lot and driveway, and equipment in the backyard.



APPENDIX IX
PHASE ONE CONCEPTUAL SITE MODEL

PHASE ONE CONCEPTUAL SITE MODEL

The Phase One Conceptual Site Model (CSM) showing the potentially contaminating activities (PCAs) is presented on Figure 4, and the Areas of Potential Environmental Concern (APECs) are presented on Figure 5. A summary of the CSM is provided below.

The Site is located at the southeast corner of the Liverpool Road and Annland Street in Pickering, Ontario. It is situated in a mixed use residential and commercial neighbourhood. The Site is irregular in shape and measures 6,231.74 m². The eastern portion of the Site (640 Liverpool Road) is developed with a two-storey residential building with a basement, a storage shed, a hobby garage, and a parking area. The western portion of the Site (609 Annland Street) is developed as a public parking lot.

The earliest available record (historical aerial photograph) indicates the Site was partially cleared of vegetation and developed with a residential dwelling and driveway in 1939. Therefore, it was determined that the first developed land use at the Site was prior to the year 1939 when the property was first developed for residential purposes.

Potentially Contaminating Activities: The following PCAs, as listed in Table 2 of Schedule D of O. Reg. 153/04, were identified on or potentially affecting the Site, per below:

POTENTIALLY CONTAMINATING ACTIVITIES ON, IN OR UNDER THE PHASE ONE PROPERTY

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 1	28 - Gasoline and Associated Products Storage in Fixed Tanks	Fuel oil tank located in basement of 640 Liverpool Road residence.	Site inspection	Yes	Low – observed on Site
PCA 2	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	The Hobby Garage is currently active and in use for personal vehicle maintenance The address is registered as a generator of waste oils and lubricants from 1988 to 2022.	Site inspection Interviews ERIS Report	Yes	Low – observed on Site
PCA 3	30 – Importation of Fill Material of Unknown Quality	Fill materials of unknown quality across the Site. Previous reports prepared by other consultants indicated fill materials across the Site during the Phase II investigation.	Previous reports	Yes	Low – identified during the geotechnical investigation

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 4	28 - Gasoline and Associated Products Storage in Fixed Tanks	An UST is located adjacent to the west of the storage shed on-Site	Site inspection Interviews ERIS report	Yes	Low – confirmed by tenant and ground penetrating radar
PCA 5	28 - Gasoline and Associated Products Storage in Fixed waste Tanks	Former oil ASTs and drum storage to the northwest of the Hobby Garage	Site inspection Interviews Previous reports	Yes	Low -the presence of ASTs and drum storage is well documented
PCA 6	Other – use of de-icing agents on gravel covered driveway and parking areas	Exterior gravel covered parking areas in the central and western portions of the Site	Site inspection Aerial Photographs Previous reports	Yes	Low – gravel covered areas were apparent

¹ As shown on Figure 4.

POTENTIALLY CONTAMINATING ACTIVITIES WITHIN THE PHASE ONE STUDY AREA

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	ADDRESS/ LOCATION	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 7	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	1290 Wharf Street, approximately 40 m west of the Site	In 2014 and 2015, a construction company locate at the address was listed as a generator of waste oils, lubricants, light fuels and oil sludges.	ERIS report	No – due to being located down gradient from the Site	High – Site activities and housekeeping are not known
PCA 8	7 - Boat Manufacturing	641 Liverpool Road, approximately 25 m east of the Site	Stelray Boats listed as a boat builder 1986 with two employees	ERIS report	No – due to the property being residential, significant manufacturing processes are not anticipated	High – As the address is a residential property, production and housekeeping practices are not known
PCA 9	28 - Gasoline and Associated Products Storage in Fixed Tanks	1288 Wharf Street, approximately 25 m southwest of the Site	Fuel oil tank in basement of the residential building	Site inspection	No – the address is located down gradient and has been previously investigated, and has an RSC.	Low – AST was observed during the Site reconnaissance

PCA ¹	POTENTIALLY CONTAMINATING ACTIVITY ²	ADDRESS/ LOCATION	DESCRIPTION	SOURCE/ REFERENCE	LIKELIHOOD TO CONTRIBUTE TO AN APEC ³	UNCERTAINTY
PCA 10	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	1278 Wharf Street, approximately 55 m west of the Site.	Former use of the property as a boat launch, pier, and boat storage.	City Directories Aerial photographs Previous reports	No – The property is located downgradient of the Site.	Low – There are multiple sources of information
PCA 11A	19 - Electronic and Computer Equipment Manufacturing	1295 Wharf Street approximately 40 m south of the Site	The property operated as Pickering Harbour Company Limited	ERIS	No – The property is located downgradient of the Site.	Low – the address is located down gradient
PCA 11B	44 - Port Activities, including Operation and Maintenance of Wharves and Docks		High Tech-Matic Controls Ltd. was listed as a manufacturer of various electrical equipment			
PCA 11C	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners		The property is identified as a generator of wastes.			
PCA 12	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	1289 Wharf Street, approximately 50 m southwest of the Site	The property currently and historically has operated as a wharf and marina	Aerial photographs Site inspection	No – the property is located downgradient of the Site	Low – port activities were confirmed during the Site inspection
PCA 13	44 - Port Activities, including Operation and Maintenance of Wharves and Docks	684 Front Street, approximately 150 m northwest of the Site	The property currently and historically has operated as a wharf and marina	Aerial photographs Site inspection	No – due to the intervening distance	Low – port activities were confirmed during the Site inspection

Overall a total of 15 PCAs were identified on the Phase One property and within the Phase One Study Area, of which six, may be contributing to an area of potential environmental concern (APEC) at the Site.

Areas of Potential Environmental Concern: As a result of the PCAs identified and other considerations, the following APECs were identified at the Site:

APEC ¹	LOCATION OF APEC ON PHASE ONE PROPERTY	POTENTIALLY CONTAMINATING ACTIVITY ²	LOCATION OF PCA (ON-SITE or OFF-SITE)	CONTAMINANTS OF POTENTIAL CONCERN ³	MEDIA POTENTIALLY IMPACTED (Ground water, Soil, and/or Sediment)
APEC 1	Western portion of the 640 Liverpool Road residence.	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 1)	BTEX PHCs PAHs	Soil Groundwater
APEC 2	Around the Hobby Garage	58 - Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	On-Site (PCA 2)	BTEX PHCs VOCs Metals PAHs Hydride-forming metals	Soil Groundwater
APEC 3	Entire Site	30 - Importation of Fill Material of Unknown Quality	On-Site (PCA 3)	Metals BTEX PHCs PAHs Hydride-forming metals ORPs (B, Hg, Cr (VI), CN-, EC, SAR)	Soil
APEC 4	Adjacent to the west of the storage shed on-Site	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 4)	BTEX PHCs PAHs	Soil Groundwater
APEC 5	Northwest of the Hobby Garage	28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA 5)	BTEX PHCs PAHs	Soil Groundwater
APEC 6	Gravel covered areas in the central and western portions of the Site	Other (O1) – Application of de-icing salts (not specifically defined in the regulation)	On-Site (PCA 6)	EC and SAR (Soil only) Na and Cl (Groundwater only)	Soil Groundwater

¹ Areas of potential environmental concern (APEC) means the area on, in or under a Phase One property where one or more contaminants are potentially present, as determined through the Phase One environmental site assessment, including through, (a) identification of past or present uses on, in or under the Phase One property, and (b) identification of potentially contaminating activity.

² As set out in Column A of Table 2 of Schedule D.

³ Contaminants of potential concern (COPC) according to the Method Groups as identified in the "Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", March 9, 2004, amended as of July 1, 2011:

BTEX: benzene, toluene, ethylbenzene, xylenes	Hg: mercury	As: arsenic	Cl: chloride
PHCs: petroleum hydrocarbons (F1-F4)	B (hws): boron, hot water soluble	Sb: antimony	EC: electrical conductivity
VOCs: volatile organic compounds	Cr (VI): chromium (hexavalent)	Se: selenium	SAR: sodium adsorption ratio
PAHs: polycyclic aromatic hydrocarbons	CN-: cyanide	Na: sodium	PCBs: polychlorinated biphenyls

Contaminants of Potential Concern:

The Contaminants of Potential Concern (COPCs) associated with the APECs are as follows:

- Metals (soil and groundwater)

- Hydride-forming metals (soil)
- EC and SAR (soil)
- Sodium and Chloride (groundwater)
- PAHs (soil and groundwater)
- BTEX (soil and groundwater)
- PHCs (soil and groundwater)
- VOCs (soil)

Underground Utilities:

In general, potential migration pathways for subsurface contaminants at the Site would consist of buried services or remnants of former buried services.

Geology/Hydrogeology:

Available regional or Site specific geological and hydrogeological information are summarized below:

SUMMARY OF TOPOGRAPHY, HYDROLOGY AND GEOLOGY

SITE FEATURE	DESCRIPTION / DETAILS
REGIONAL TOPOGRAPHY	Local and surrounding area topography is generally flat with a slight slope down towards the west (towards Frenchman's Bay).
APPROX ELEVATION (masl)	Approximately 79 masl
PHYSIOGRAPHIC REGION	The Site and Phase One Study Area are located within the Iroquois Plain, which is characterized by clay plains.
OVERBURDEN SOIL STRATIGRAPHY	Previous intrusive investigations at the Site, identified soil stratigraphy of fill material, followed by clay and gravel, overlaying layers of clay and sand.
BEDROCK AND APPROXIMATE DEPTH	Previous investigations indicated bedrock, consisting of weathered shale with limestone interbeds, was encountered at depths of approximately 7.5 m bg.

SUMMARY OF WATER BODIES, AREAS OF NATURAL SIGNIFICANCE, GROUNDWATER INFORMATION

FEATURE	WITHIN PHASE ONE PROPERTY	WITHIN PHASE ONE STUDY AREA	DESCRIPTION/ DETAILS
WATER BODY	NO	YES	The nearest surface water body is Frenchman's Bay which is located approximately 100 m west of the Site.
ANSI	NO	NO	Though an ANSI was not identified, significant wetland is present at the mouth of the Krosno Creek, located approximately 150 m southeast of the Site.

WELL-HEAD PROTECTION AREA	NO	NO	N/A
MUNICIPAL DRINKING WATER SYSTEM	YES	YES	Supplied by Region of Durham from Lake Ontario
WELL FOR CONSUMPTION/ AGRICULTURAL USE	NO	YES	Three water wells were identified within the Phase One Study Area

Uncertainty on absence of information: The main uncertainty associated with the CSM developed for the Site relates to the limited information regarding the former use of the Site as well as the limited information regarding activities on neighbouring properties. This lack of information is mitigated by the inherent nature of residential land uses, which are not typically associated with significant PCAs.

Notwithstanding the above, it should be noted that Phase One ESAs have inherent limitations, and therefore findings cannot be considered definitive (i.e., the findings of a Phase One ESA are inherently associated with some uncertainty).

APPENDIX X
QUALIFICATION OF THE ASSESSORS

Position:	Senior Project Manager, Toronto Office	
Qualifications:	B.Sc. (Hons.) Geology Professional Geoscientist Ontario, 2005 Association of Professional Engineers and Geoscientists of Alberta, 2012	
Experience:	Terrapex Environmental Ltd.	2014 to present
	exp Services Inc.	2009 to 2014
	Jacques Whitford Ltd.	2005 to 2009
	Aqua Terre Solutions	2003 to 2005
	Golder Associates Ltd.	2002 to 2003
	XCG Consultants Inc.	2001 to 2002
	Phoenix.MG Incorporated	2000 to 2001
	Beak International Inc.	1998 to 2000
	ADAMAS Environmental Inc.	1994 to 1998

Mr. David Crawford is a professional geoscientist with over 25 years of experience managing, planning and conducting environmental site assessments and site remediation programs at industrial and commercial facilities. Mr. Crawford's experience also includes preparing and reviewing technical reports and analytical data in order to evaluate site conditions for environmental impacts and hydrogeological characteristics and providing expert advice and recommendations. He has prepared and presented technical reports to stakeholders and liaised with provincial agencies to successfully resolve issues. Mr. Crawford is registered with the Ontario Ministry of Environment Conservation and Parks (MECP) as a Qualified Person (QP) for undertaking Environmental Site Assessment activities and certifying Records of Site Condition (RSCs). He is also registered as a Responsible Member for Environmental Services in Alberta.

Representative projects include the following:

Investment Bank: Completion of Phase I Environmental Site Assessments (ESA) and Phase II ESAs at industrial, commercial and residential properties across Canada as well as in the USA, Mexico, Europe and Australia.

Government: Completion of Phase I ESAs, Phase II ESAs, and remediation activities for Toronto Economic Development Corporation (TEDCO) and Toronto Port Authority (TPA) as well as municipalities.

Commercial Trucking Company: Completion of a Phase II ESA and provided expert witness testimony regarding the environmental site conditions at a large commercial property.

Property Management and Development Company: Completion of environmental peer reviews for a developer regarding contamination at a former industrial property from on-Site and off-Site sources. Contaminants included chlorinated volatile organic compounds.

Utility company: Completion of over 100 Phase I ESAs at electric transformer and distribution stations in Ontario and the follow-up work of Phase II ESAs and remediation activities at many of the stations. The contaminants of concern included arsenic and polychlorinated biphenyls.

Retailer: Completion of over 250 Phase I ESAs of retail grocery store properties in Ontario, Quebec and the Maritimes and the follow-up work of Phase II ESAs as part of the formation of a new Real Estate Investment Trust (REIT).

Municipal government: Completion of peer reviews of environmental reports associated with redevelopment applications and property transactions for municipalities.

Municipal government: Preparation and submission of RSCs for several properties, some of which included Risk Assessments and Certificates of Property Use (CPUs).

Property Developer: Completion of asbestos surveys and an asbestos management plan for a large former commercial property with 23 historical buildings.

Position: Project Manager, Toronto Office

Qualifications: Certified Engineering Technologist (C.E.T.), registered with O.A.C.E.T.
Environmental Professional (E.P.), registered with the Canadian Environmental Certification Approvals Board (CECAB)
Environmental Technologist Advanced Diploma
Environmental Technician Diploma

Experience:	Terrapex Environmental Ltd.	2008 to present
	The Wye Marsh Wildlife Centre	2007 to 2008
	Windfall Ecology Centre, Green Communities Ontario	2007 to 2008
	Central Lake Ontario Conservation Authority	2006

Ms. Sutherland is a Project Manager, coordinating and supervising site assessment projects for commercial, government, and developer clients. Ms. Sutherland has experience managing and conducting Phase I/One Environmental Site Assessments including; historical research, site inspection, report preparation, and Phase II/Two ESAs and monitoring programs. She has expertise with field combustible vapour surveys, waste audits, borehole drilling, well installation, topographical surveys, materials and supplies sourcing, test pit excavation, contaminated soil remedial excavation, removal of storage tanks, and the collecting of various media samples (soil, soil vapour, air, groundwater, surface water) in accordance with Provincial protocols.

Representative projects include the following:

Various Clients: Managed and supervised large work programs including Phase One and Two ESAs, remedial work, coordinating environmental, geotechnical, hydrogeological, and ecological aspects utilizing various employees from different departments and offices within the company, and assisting in the preparation of documents for the purposes of risk assessment and filing a RSC at various sites in Ontario, including industrial, commercial, residential, historical, and vacant properties.

Various Clients: Conducted Designated Substances Surveys for industrial, commercial and residential sites, for the purpose of identifying suspected locations of "designated substances" per Ontario Occupational Health and Safety Act.

Suncor Energy Products Partnership: Post-remedial excavation; supervised the installation of a reactive wall to provide an immediate and long-term source of biostimulants to promote biodegradation of any errant petroleum compounds potentially migrating downgradient.

Industrial Clients: Supervised soil vapour probe installation and conducted monitoring and sampling of soil vapours, utilizing various sampling media including: Tedlar bags using lung box, SUMMA canisters, hopcalite/charcoal/TD tubes, and passive air samplers.

Insurance Company: Reviewed multiple reports for multiple sites and summarizing site conditions, impacts, information deficiencies and regulatory actions required.

Safety Kleen Inc.: Coordinated and supervised the semi-annual Contaminant Management Plan. Conducted the Phase One ESA and supervised the Phase Two ESA, remedial excavations, application of oxidants to soil, and prepared the reports required in support of a Risk Assessment. Assisted in setting up and operating an on-site mobile water treatment system to collect and treat water discharged from the remedial excavations during the work program.

Developer: Managed a long-term hydrogeological assessment incorporating the installation and monitoring of on-site monitoring wells and mini piezometers, and recording surface flow parameters and/or water levels of on-site streams and waterbodies.

Cloud Data Centres: Conducted an Environmental Compliance Review and Audit to assess compliance with Ontario provincial regulations for areas that included: air emissions; waste management; discharges; spill prevention; and chemical storage and handling.

Position:	Environmental Scientist, Toronto Office	
Qualifications:	Master of Environmental Science Master of Science in Environmental engineering Bachelor of Environmental science	
Experience:	Terrapex Environmental Ltd.	2021 to present
	CM Designers and Engineers	2019 to 2021
	Scientists in School	2016-2019
	Environmental Field worker	2016
	Biomonitoring research assistant	2014

Ms. Nashreen is an Environmental Scientist responsible for conducting Phase I, II ESAs, monitoring programs, and site remediation. She is experienced in the collection of various environmental samples (soil and groundwater) in accordance with Provincial protocols, field screening methods, field combustible vapour surveys, borehole drilling, soil logging, well installation, topographical surveys and materials and supplies sourcing. She has experience conducting Regulated Materials and Designated Substances Surveys (including collecting of asbestos and lead paint samples). She also coordinates with various municipal authorities in obtaining permits and approvals.

Representative projects include the following:

Petroleum Clients: Investigation and assessment of impacts to soil and groundwater at operating and former service stations across Ontario. Supervised borehole drilling, collected soil samples for field screening and laboratory analysis, collected groundwater samples by conventional and low flow techniques, assisted in data compilation and reporting.

Private Developers: Conducted Phase I/One ESA investigation for commercial/residential/vacant properties as part of due diligence property transactions, financing and redevelopment activities. Work included conducting historical records reviews, on-site inspections, and reporting.

Various Clients: Conducted DSSs for a few commercial sites, for the purpose of identifying suspected locations of asbestos and other "designated substances" per Ontario Occupational Health and Safety Act.

City of Toronto: Implementing and supervising Contaminant Management Plans at various City of Toronto works yards. The work program comprised regular groundwater monitoring/sampling and LPH removal activities, assisting in obtaining required access permits, data review and reporting.