GeoPro Consulting Limited

Geotechnical-Hydrogeology-Environmental-Materials-Inspection

Phase One Environmental Site Assessment

3225 Balsam Road (Concession 5 Road), Pickering, ON

Prepared For:

869547 Ontario Inc.

GeoPro Project No.: 17-1780GHE3

Report Date: September 10, 2021

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1.0 EXECUTIVE SUMMARY

GeoPro Consulting Limited ("GeoPro") was retained by 869547 Ontario Inc. (the "Client") to conduct a Phase One Environmental Site Assessment ("ESA") for the property located at 3225 Balsam Road (Concession 5 Road), Pickering, ON (the "Site" or "Phase One Property").

The Site consists of one (1) rectangular shaped parcel of land. At the time of this Phase One ESA, the Site was vacant. The Site is currently not occupied. However, remnants of residential house were observed. Thus, the current land use of the Site is considered residential use. We understood that the Client intends to develop the Site with residential houses. The report was completed as an update to the previous Phase One ESA completed by GeoPro in May 2017 in support of potential filing with the environmental registry under Ontario Regulation 406/19 ("O. Reg. 406/19"); therefore, it does not strictly meet all the requirements of O. Reg. 153/04 and is not intended to support RSC filing. If filing an RSC with the Ministry of the Environment, Conservation and Parks ("MECP") is eventually required, additional consulting and associated project work will be required.

The purpose of this updated Phase One ESA was to find Potentially Contaminating Activities ("PCAs") within the Phase One Property and on properties within a 250 m radius from the boundaries of it ("Phase One Study Area") and indicate Areas of Potential Environmental Concerns ("APECs") and the correlated Contaminants of Potential Concern ("COPCs") located in the soils being excavated on the Site to assess if further investigation is required by conducting a Sampling and Analysis Plan and Soil Characterization Report.

GeoPro conducted the site reconnaissance on July 28, 2021. The weather was sunny and the temperature was 22°C. The following is a summary of the Phase One ESA findings based on the review of readily available records, interviews with persons knowledgeable about the Site, and observations made during site reconnaissance:

1) The Phase One Property consists of one (1) rectangular shaped parcel of land, with a total area of approximately 179 100 m^2.

2) Reportedly, the Phase One Property was considered to be firstly developed for residential purposes prior to 1971. The Phase One Property has been owned by the current owner 869547 Ontario Inc. since 1991. Currently, the Phase One Property is vacant.

The PCAs, APECs, and contaminants of potential concern ("COPCs") that were indicated at the Site are summarized in the table below.

APEC	Location of APEC	PCA Number	Location of PCA	Figure ID	COPCs	Media Potentially Impacted
APEC 1	Former residential house area	30	**On-Site** Former residential house area	AP2	Metals, PAHs	Soil

APEC	Location of APEC	PCA Number	Location of PCA	Figure ID	COPCs	Media Potentially Impacted
APEC 2	Northwest corner portion of the Site	40, 52	**Off-Site** 3330 Balsam Rd	E1, AP1, SN1	Metals, PHC, BTEX, PAHs, OCs	Soil
APEC 3	Southwest boundary area of the Site	40	**Off-Site** 2700 Audley Road North	CD1, SN2	Metals, OCs	Soil

Note: PCAs described specifically for the Phase One Property with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of *O.Reg.153/04* as amended, where applicable.
#30 – Importation of Fill Material of Unknown Quality
#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
#52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems

The contaminants of potential concern ("COPCs") are listed as follows.
PAHs = Polycyclic Aromatic Hydrocarbon
BTEX = Benzene, Toluene, Etylbenzene, Xylene
PHCs = Petroleum Hydrocarbon
OCs = Organochloride Pesticide

Based on the findings of the Phase One ESA, GeoPro offers the following recommendations.

1) GeoPro recommends that a Sampling and Analysis Plan and a Soil Characterization Report in accordance with O. Reg. 406/19 are conducted at the Site to characterize the subsurface soil conditions in the soil being excavated at the Site

NOTE: This executive summary provides a brief overview of the study findings. It is not intended to substitute for the complete report, nor does it detail specific issues discussed within the report. This summary is not to be adopted in lieu of reading the complete report.

2.0 INTRODUCTION

The Site consists of one (1) rectangular shaped parcel of land. At the time of this Phase One ESA, the Site was vacant. The Site is currently not occupied. However, remnants of residential house were observed. Thus, the current land use of the Site is considered residential use. We understood that the Client intends to develop the Site with residential houses. The report was completed as an update to the previous Phase One ESA completed by GeoPro in May 2017 in support of potential filing with the environmental registry under Ontario Regulation 406/19 ("O. Reg. 406/19"); therefore, it does not strictly meet all the requirements of O. Reg. 153/04 and is not intended to support RSC filing. If filing an RSC with the Ministry of the Environment, Conservation and Parks ("MECP") is eventually required, additional consulting and associated project work will be required.

The purpose of this updated Phase One ESA was to find Potentially Contaminating Activities ("PCAs") within the Phase One Property and on properties within a 250 m radius from the boundaries of it ("Phase One Study Area") and indicate Areas of Potential Environmental Concerns ("APECs") and the correlated Contaminants of Potential Concern ("COPCs") located in the soils being excavated on the Site to assess if further investigation is required by conducting a Sampling and Analysis Plan and Soil Characterization Report.

2.1 Phase One Property Information

A copy of the subdivision plan for the Phase One Property is provided in Appendix A. A tabular summary of the information regarding the Phase One Property is provided below.

Municipal Addresses	3225 Balsam Road (Concession 5 Road), Pickering, Ontario		
Legal Descriptions	PT LTS 3 & 4 CON 5 PICKERING, PT 1 ON PLAN 40R25092; PICKERING, REGIONAL MUNICIPALITY OF DURHAM		
Parcel Identification Numbers ("PIN")	26404-0375 (LT)		
Roll Numbers	18010300083020000000		
Area	Approximately 179 100 m^2 (as per the plan of subdivision)		
UTM (NAD 83)	Zone 17	658506.53 Easting	4864926.26 Northing
Owner Contact	869547 Ontario Inc.	Name: Paul Bigioni Email: paul@grandhomescanada.com	
Client Contact	869547 Ontario Inc.	Name: Paul Bigioni Email: paul@grandhomescanada.com	
Current Occupant(s)	Vacant		
Current Zoning	Country Residential (as per City of Pickering Official Plan – Edition 8)		
Proposed Future Land Use	Residential		

3.0 SCOPE OF INVESTIGATION

The general scope of work for the Phase One ESA consisted of the following tasks:

- A data search and review for the Phase One Properties and the neighboring properties in the Phase One Study Area;
- Interviews with persons knowledgeable about the Site;
- Site reconnaissance;
- An assessment and evaluation of the information gathered; and
- Preparation of a report summarizing the findings of the Phase One ESA.

4.0 RECORDS REVIEW

4.1 Summary of General Records Review

GeoPro reviewed readily available records which included physical settings, current and historical information sources regarding the Site, including, but not limited to, aerial photographs, city directories, fire insurance plans ("FIPs"), ownership titles, historical environmental site assessment, site operating records, a regulatory database search (i.e. MECP Freedom of Information ("FOI") and Technical Safety & Standard Authority ("TSSA") records), and the MECP water well records. A tabular summary of information obtained and their sources are summarized below.

Phase One Study Area Determination

Based on a review of the available historical information and the observations made during the site reconnaissance, no significant potentially contaminating properties were noted beyond 250m radius from the Site boundaries. The Phase One Study Area generally includes the Phase One Property and all other properties wholly or partly located within a 250 m radius from the boundary of the Phase One Property, in accordance with O. Reg. 153/04, as amended. The properties within the Phase One Study Area were subject to the Phase One ESA and our review of historical records. The Phase One Property and Phase One Study Area are presented on Drawings No. 1

First Developed Use Determination

Based on a review of the available historical information, the Phase One Property was considered to be firstly developed for residential purposes prior to 1954.

Fire Insurance Plans ("FIPs")

A review of Fire Insurance Plans ("FIPs") was completed through a database search carried out by Opta Historical Environmental Services Enviroscan ("Opta") for the Site and the surrounding properties within 250 m radius of the Phase One Property. No record of FIP was found for the Phase One Property and surrounding properties within 250m radius of the Phase One Property.

Chain of Title

Based on the review of the title search results, the Phase One Property has been owned by the current owner 869547 Ontario Inc. since 1991. A tabular summary of the owners and dates is provided in Table 1. A copy of land title search records is presented in Appendix B.

Previous Reports

GeoPro previously conducted a Geotechnical Investigation and a Preliminary Hydrogeological Site Assessment at the Site. Fill material was encountered on the Site. A tabular summary of the main findings of the reports is provided in Table 2. A copy of pages extracted from the discussed documents and reports is presented in Appendix C.

City Directories

A review of the City Directories for years 1979, 1984, 1989, 1993, and 2000 was carried out from the Toronto Library database for the Site and the surrounding properties within a 250 m radius of the Phase One Property. The properties which may cause potential environmental concerns regarding the Phase One Property were indicated in Table 3.

4.2 Environmental Source Information

4.2.1 Environmental Database Search

Records and regulatory agency database review was completed through a database search carried out by Environmental Risk Information Services ("ERIS"). The ERIS report included a search of federal, provincial, and private database records regarding the Site and the surrounding properties within a 250 m radius of the Phase One Property. A copy of the ERIS report is presented in Appendix D.

As provided in Table 4, GeoPro prepared a tabular summary of the findings which may have environmental concerns regarding the Phase One Property.

4.2.2 Summary of Regulatory Records Review

Regulatory records reviewed included a search of the FOI database and a search of the TSSA's database. A copy of our written requests and the responses from each regulatory agency are included in Appendix E. A tabular summary of the regulatory records request, review and agency responses are provided in Tables 5A and 5B.

4.3 Physical Setting Sources

A summary of information obtained in terms of the physical settings of the Phase One Property and the Phase One Study Area is discussed as follows.

4.3.1 Aerial Photographs

Aerial photographs were reviewed for a visual chronology of the previous land uses on the Phase One Property and the properties within the Phase One Study Area.

Aerial photographs for the years 1954, 1971, 1978, and 2000 were obtained from Archive of Ontario. Aerial photographs for the years 2005, 2009, 2015, and 2019 were obtained from Google Earth, as presented in Figures No. 1 to 8.

A summary of the observed features in the aerial photographs of the Phase One Property and Phase One Study Area are presented in Table 6.

4.3.2 General Physical Settings

Physiography

Based on the data obtained from the Ontario Geological Survey ("OGS") database, the physiography of the Site and the Phase One Study Area are summarized in the following table.

Record Source	Physiography Region	Physiography Areas
Online Physiography Map of Southern Ontario	Iroquois Plan	Sand Plains

Quaternary Geology

Based on the data obtained from the OGS database, the quaternary geology of the Site and the Phase One Study Area are summarized in the following table.

Record Source	Deposit Types
Online Quaternary Geology Map of Ontario	Halton Till deposits consisting predominantly of silt to silty clay matrix, high in matrix carbonate content and clast poor. Glaciolacustrine deposits consisting predominantly of sand, gravelly sand and gravel, nearshore and beach deposits.

Bedrock Geology

Based on the data obtained from the OGS database, the bedrock geology of the Site and the Phase One Study Area are summarized in the following table.

Record Source	Geological Period	Bedrock Type	Bedrock Depth (mBGS)
Bedrock Geology Map of Ontario	Upper Ordovician	Limestone, dolostone, shale, siltstone	Approximately 26 - 32

Hydrology

Based on the data obtained from the database maintained by the local conservation authority, the hydrology information regarding the local watershed and open water body on the Site and the Phase One Study Area is summarized in the following table.

Watershed	Subwatershed	On-Site Open Water	On-Site Open Water		
			Name	Flow Direction	Discharge Location
Carruthers Creek Watershed	Carruthers Creek Subwatershed	Yes	Carruthers Creek	Towards Southeast	Approximately 10.9km southeast of the Site

Topography

Based on the data obtained from Canada Atlas – Toporama, the topography at the Site and in the vicinity of the Site are summarized in the following table.

Record Source	Topography	Slope Direction	Elevation Range (mASL)	Note
Canada Atlas – Toporama	Relatively flat with a gentle slope	Slope towards the Creek at the center of the Site	About 147 to 129	Shown in Figure No. 9

mASL - meters above sea level

Inferred Shallow Groundwater Flow Direction

Control Factors	Flow Direction	Discharge Location
Topography	East; Southwest	Carruthers Creek
Distribution of nearby open water body		
Previous Reports		

Fill Materials

Record Source	Review Findings	Environmental Concern
Previous Reports	Fill materials were encountered on the Phase One Property	Presence of fill material with unknown quality
Aerial Photograph	Building demolishment was observed on the Phase One Property, where the present of fill materials is anticipated	

Areas of Natural Significance

Based on the data obtained from the database maintained by the Ministry of Natural Resources and Forestry ("MNRF") and on the local official plan, assessment of areas of natural significance of the Site and the Phase One Study Area are summarized in the following table.

Areas of Natural Significance	Data Source	Location
Provincial Park or Conservation Reserve	MNRF	Beyond the Phase One Property and Phase One Study Area
Areas of Natural Significance and Scientific Interest (ANSI)	MNRF	
Provincial Significant Wetland	MNRF	
Niagara Escarpment Area	MNRF	
Oak Ridges Moraine Area	MNRF	
Local Regulated Area	Toronto and Region conservation	Within the Phase One Property and Phase One Study Area

Woods were noted along Carruthers Creek, and along side line 4; further assessment of natural significance along the Carruthers Creek and Side Line 4 was not conducted in this Phase One ESA. The Site and the Phase One Study Area are regulated under Ontario Regulation 166/06 by the Toronto Region Conservation Authority and as such, may require a permit for development.

Well Records

Based on the MECP Water Well Records database, a total of twenty-two (22) water wells were recorded within the Phase One Study Area. Fourteen (14) wells were recorded to be water supply wells. A summary of water well records is included in Appendix F (MECP Well Record Report) and is presented in the following table.

Well Location	Well Type	Well Number
On-Site	Monitoring	7
Phase One Study Area	Irrigation	1
	Domestic	11
	Livestock/Domestic	1
	Commercial	1
	Public	1
	Total Well Records:	**22**

Based on the available records, water was encountered at depths ranging from approximately 1.22 mBGS to 32.31 mBGS in overburden deposits. Bedrock was encountered at depths ranging from 24.38 mBGS to 33.53 mBGS. However, the description or the coordinates of the well records may be unreliable or out of the date, a door-to-door well survey may be considered.

Wellhead Protection Area ("WHPA")

Based on Ontario Source Protection Information Atlas, the Site and the Phase One Study Area are not located within a municipal WHPA.

Intake Protection Zone ("IPZ")

Based on the information obtained from the Ontario Source Protection Information Atlas, the Site and the Phase One Study Area are not located within any IPZ.

Highly Vulnerable Aquifers

Based on the information obtained from the Ontario Source Protection Information Atlas, the Site and the Phase One Study Area are located in highly vulnerable aquifers area.

4.4 Site Operating Records

No site operating record was provided by the Client for GeoPro to review.

5.0 INTERVIEW

A summary of the interview GeoPro completed is provided in the following table.

Item	Information	Figure ID
Date and Place of Interview	Questionnaire form completed on June 23 2021	-
Interview Method	Completion of interview questionnaire form.	-
Person Interviewed	Paul Bigioni	-
Relevant Information Concerning PCAs	No on-site PCAs are anticipated based on the information obtained from the interview questionnaire form.	-

A copy of the Interview Questionnaire can be found in Appendix G

6.0 SITE RECONNAISSANCE

The site reconnaissance consisted of a visual inspection of the Phase One Property and observation of the neighboring properties using public access ways to observe the presence/absence of PCAs, water bodies, and areas of natural significance.

Selected photographs taken during the site reconnaissance including descriptive captions are provided in Appendix H.

6.1 General Conditions

General situations encountered during the site reconnaissance are summarized in the following table.

Item	Information
Date	July 28, 2021
Weather Conditions	22 ^{o}C, sunny
Length of Site Reconnaissance Time	1.5 hours
Impediments	Some areas of the Site were inaccessible due to a heavily wooded area running through the central portion of the Site along Carruthers Creek It is assumed nothing has been changed in these portions of the Site since the previous Site visit conducted in 2017. Selected Photographs from the Site visit conducted in 2017 have been included in Appendix H.
Name and Qualifications of the Person Conducting the Site Reconnaissance	Julia Csath conducted the site reconnaissance. The Phase One ESA was supervised by David Liu, P. Eng, QP.

6.2 Specific Observations at the Phase One Property

The specific observations made during the site reconnaissance at the Phase One Property are summarized in Table 7.

6.3 Observation of Neighboring Properties

At the time of the site reconnaissance, observations were also conducted on the neighboring properties via publicly accessible areas. The Site and surrounding land use plan are provided on Drawing No. 2. The specific observations of the neighboring properties are summarized in Table 8.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

Based on the review of the available Chain of Title, historical aerial photos, previous reports, and FIPs, the Phase One Property was considered to be firstly developed for residential purposes prior to 1954. The Phase One Property has been owned by the current owner 869547 Ontario Inc. since 1991. Currently, the Phase One Property is vacant. The current and past uses of the Phase One Property are summarized in Table 9.

7.2 Potentially Contaminating Activities ("PCAs")

Based on the findings of the Phase One ESA, PCAs were found on the Phase One Property as well as the off-site properties within the Phase One Study Area. The PCAs and their environmental concerns contributing to the Phase One Property are summarized in Table 10.

7.3 Areas of Potential Environmental Concerns ("APECs")

Based on the analyses of the indicated PCAs and associated environmental concerns, APECs were found in three (3) areas on the Phase One Property. The APECs and associated PCAs and contaminants of potential concern ("COPCs") are shown in Drawing No. 3 and summarized in Table 11.

7.4 Phase One Conceptual Site Model ("CSM")

A Phase One Conceptual Site Model ("CSM") was prepared to present a summary of the findings of the Phase One ESA and consists of this text report with appendices, and the following drawings:

- Drawing No. 1 – Site Location Plan
- Drawing No. 2 – Phase One Property and Surrounding Land Use
- Drawing No. 3 – PCA and APEC Locations

8.0 CONCLUSIONS AND RECOMMENDATIONS

8.1 Conclusions

GeoPro conducted this Phase One ESA in general accordance with O. Reg. 153/04. Based on the findings of the Phase One ESA, PCAs were found on the Phase One Property as well as the off-site properties within the Phase One Study Area. APECs were indicated to be present in three (3) areas in the Phase One Property. The contaminants of potential concern include metals, petroleum hydrocarbons ("PHCs"), benzene, toluene, ethylbenzene and xylene ("BTEX"), polycyclic aromatic hydrocarbons ("PAHs") and Organochloride Pesticide ("OCs") in soil.

8.2 Recommendations

Based on the findings of Phase One ESA, GeoPro offers the following recommendations:

1) GeoPro recommends that a Sampling and Analysis Plan and a Soil Characterization Report in accordance with O. Reg. 406/19 are conducted at the Site to characterize the subsurface soil conditions in the soil being excavated at the Site

9.0 SIGNATURE

This report was conducted by Sinclair Kenrick Hidajat and supervised by David Liu, who is a Qualified Person with the MECP as defined under Ontario Regulation 153/04.

We trust that the information contained in this report is complete within our terms of reference. If you have any questions or require further information, please do not hesitate to contact our office.

Sincerely,

GeoPro Consulting Limited
Geotechnical - Hydrogeology - Environmental - Materials Testing – Inspection

Sinclair Kenrick Hidajat B.A.Sc.

David B. Liu, P.Eng., QP
Principal

LICENSED PROFESSIONAL ENGINEER
D. B. LIU
100107874
PROVINCE OF ONTARIO

TABLES

Table 1: Summary Table of the Chain of Title

Date	Names of Owner	FID
3225 Balsam Road (Concession Road 5), Pickering, ON - PIN: 26404 - 0375 (LT)		
Prior to 03/1991	Cougs Investments Ltd.	-
03/1991 – Present	869547 Ontario Inc.	-

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 2: Summary Table of the Previous Reports

1. **Previous Investigation by GeoPro**

GeoPro previously conducted a Geotechnical Investigation, and a Preliminary Hydrogeological Site Assessment at the Site. The results of the investigations were summarized in the following reports:

- *"Geotechnical Investigation, Slope Stability Analysis and Geotechnical Setback Study, Part of Lots 3 and 4, Concession 5, City of Pickering, Ontario",* dated July 05, 2017, prepared by GeoPro Consulting Ltd. *(GeoPro Consulting Ltd GeoTech 2017)*

- *"Preliminary Hydrogeological Site Assessment, Proposed Residential Developments, Parts of Lots 3 and 4, Concession 5, Pickering, Ontario",* dated May 30, 2017, prepared by GeoPro Consulting Ltd. *(GeoPro Consulting Ltd HydroG 2017)*

GeoPro has prepared the following table for the summary of the main findings of the reports as presented below:

Investigation	Review Findings	Figure ID
GeoPro Consulting Ltd. GeoTech 2017	Seven (7) boreholes (Boreholes BH1 to BH7) were advanced at the locations. The boreholes were drilled to depths ranging from about 6.5 m to 29.6 m below the existing ground surface (mBGS). Seven (7) monitoring wells (51 mm O.D.) were installed at the borehole locations BH1 to BH7 to monitor the long-term groundwater conditions.	-
	The soil stratigraphy at the Site was comprised of topsoil underlain by fill material (silty fine sand/ reworked silty fine sand/ sand/ silt), underlain by silty (fine) sand, fine sand and silt, fine sandy silt and silt underlain by clayey silt, underlain by clayey silt till, silty clay till or gravelly sand or sandy silt till, sand and silt till, silty sand till, underlain by various native soils consisting of (probable) weathered grey shale interbedded with limestone/siltstone	PR1
	Fill materials were encountered at a depth of about 0.7 mBGS. Bedrock was encountered at a depth of about 28.4 mBGS	-
	Groundwater was encountered at depths ranging from 0.27 to 1.72 mBGS during monitoring period	-
	A total of six (6) soil samples from BH1, BH2, BH4, BH5, BH7 were submitted for analysis for metals and inorganics and VOCs. The results were compared to Table 1 SCS and no exceedance was noted.	-
GeoPro Consulting Ltd. HydroG 2017	Advancement of seven (7) boreholes (Boreholes BH1 to BH7) drilled to the depths ranging from approximately 6.5 to 29.6 mBGS, and installation of seven (7) monitoring wells in the advanced boreholes. In addition, ten (10) test pits were advanced to the depth of approximately 0.5 mBGS for soil sampling.	-
	The soil stratigraphy at the Site in the West portion was generally consisted of fill materials and/or topsoil, underlain by a layer of cohesionless soils (silt, sandy silt, sand and silt, silty sand), and then underlain by different types of till deposits (clayey silt till, silty clay till, sandy silt till, sand and silt till); the soil stratigraphy in the East Portion of the Site generally consisted of fill and/or topsoil, underlain by different types of till deposits (clayey silt till, sandy silt till, silty sand till), with zones of cohesionless soils (sandy silt, silty sand, gravelly sand), locally with clayey silt.	PR1

Investigation	Review Findings	Figure ID
	Bedrock was encountered at the depth of approximately 28.4 mBGS in the West portion of the Site, likely to be shale bedrock.	-
	Ground water level from surface ranged from 0.27 to 2.85 mBGS	-
	Carruthers Creek divides the shallow groundwater into two (2) separate groundwater flow regimes. In the West portion of the Site, groundwater flow is toward the Southeast and in the East portion of the Site, groundwater flow was towards the Southwest.	-
	The analytical results were compared with the respective criteria specified in Durham Region Sanitary and Storm Sewer Use bylaw and PWQO. Exceedances were found for metals and phenols parameters specified in Durham Region Sanitary and Storm Sewer Use bylaw or PWQO.	-

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 3: Summary Table of the City Directories

Figure ID	Recorded Address	Recorded Occupants	Recorded Years
CD1	27 Buggey Lane (Anticipated Address: 2700 Audley Road North)	Deer Creek Golf & Country Estates, Deer Creek Practice Golf Academy, Fawn Brook Golf Club	2000

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 4: Summary Table of Environmental Database Search

Figure ID	Address	Year(s)	Database	Findings
E1	3330 Balsam Road	N/A	PES	Registered to Lloyd's Landscaping Ltd. as a pesticide operator
		2009-2016	GEN	Registered to Lloyd's Landscaping Ltd. for waste generation of petroleum distillates and waste oils and lubricants in landscaping service operations.

GEN – Ontario Regulation 347 Waste Generators Summary
PES – Pesticide Register

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 5A: Summary Table of MECP FOI Search

Agency	Documents Requested	Date of Request	Results	FID
MECP FOI and Privacy Office	Documented environmental concerns and citations pertaining to the Site	March 29, 2017	The MOECC response dated March 29, 2017 indicated that no records were available for the Phase One Property. A copy of the correspondence is attached in Appendix E.	-

Table 5B: Summary Table of TSSA Record Search

Agency	Documents Requested	Date of Request	Date of Response Received	Results	FID
Technical Standards and Safety Authority	Records of storage tanks pertaining to the Site	July 2, 2021	July 5, 2021	No records were found for the Phase One Properties and four (4) properties within Phase One Study Area. The correspondence with the TSSA is included in Appendix E.	-

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 6: Summary Table of The Aerial photographs

Year	Phase One Property		Phase One Study Area	
	Findings	FID	Findings	FID
1954	The resolution of the aerial photograph is poor	-	The resolution of the aerial photograph is poor	-
	The Phase One Property appeared to be vacant	-	Roadways Concession Road 5, Sideline 4 and Audley Road North noted on Figure No.1	-
	Carruthers Creek crosses the central portion of the Site. Woods and wetlands were noted along the creek.	-	The Phase One Study Area appeared to be not developed and Carruthers Creek crosses the Phase One Study from north to south	-
1971	The resolution of the aerial photograph is poor	-	The resolution of the aerial photograph is poor	-
	Residential house appeared on the west portion of the Site.	-	Likely residential houses noted along Audley Road North, Sideline 4 and 5th Concession Road.	-
1978	The resolution of the aerial photograph is poor	-	The resolution of the aerial photograph is poor	-
	Similar to the 1971 aerial photograph	-	Similar to the 1971 aerial photograph	-
			Ongoing development appeared on the south to east portion of the Phase One Study Area	-
2000	The resolution of the aerial photograph is poor	-	The resolution of the aerial photograph is poor	-
	Similar to the 1978 aerial photograph	-	New road Buggey Lane appears as labelled on Figure No. 4	-
			Golf Course appeared developed on the South adjacent to the Site	AP1
		-	Barn structure and residential house appeared on the East portion of the Study Area	-
			Islamic Foundation School Durham appeared on the southeast of the Site.	-
2005	Similar to the 2000 aerial photograph	-	Similar to the 2000 aerial photograph	-
			New road Bunhill Court appears as labelled on Figure No. 5; Residential houses appeared along the Bunhill Court.	-
			Industrial equipment storage area appeared on the northwest of the Site.	AP2
2009	Similar to the 2005 aerial photograph	-	Similar to the 2005 aerial photograph	-
2015	The resolution of the aerial photograph is poor	-	The resolution of the aerial photograph is poor	-
	Similar to the 2009 aerial photograph	-	Similar to the 2009 aerial photograph	-
	Residential building has been removed	AP3		
2019	Similar to the 2015 aerial photograph	-	Similar to the 2015 aerial photograph	-
	The Site appeared to be vacant. However, likely parked RV / trailer is observed on the Site.	-	New Roadway Dexshire Drive appears as labeled in Figure No 8.	-

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 7: Summary Table of Specific Observations at the Phase One Property

Figure ID	Item	Observations
Entire Phase One Property		
-	Site Location	3225 Concession Road 5, Parts of Lots 3 and 4.
-	Current Occupants	The Site was observed to be vacant during site reconnaissance.
-	Storage Tanks	No underground/above the ground storage tank ("USTs/ASTs") was observed at the Site on the day of site reconnaissance.
-	On-Site Wells	Monitoring wells were observed at the Site on the day of site reconnaissance.
-	Underground Utilities	No gas meters or buried gas lines were observed on the Site. A high pressure watermain was observed on the day of site reconnaissance.
-	Watercourse, Ditches and Standing Water	According to the Ontario Source Protection Atlas Carruthers Creek flows through the central portion of the Site. The central portion of the Site had limited access due to the heavily wooded area the watercourse was not observed as a result of this.
-	Rail Spurs	No rail spur was observed at the Site on the day of site reconnaissance.
-	Stressed Vegetation	No stressed vegetation was observed at the Site on the day of site reconnaissance.
SS1	Fill and Debris Material	Fill material and debris were noted in the western portion of the Site on the day of site reconnaissance.
On-site Buildings or Structures		
-	Buildings or Structures	The Site was not occupied by any buildings on the day of the site reconnaissance.
-	Enhanced Investigation Property	Based on the current and historical property uses, the Phase One Property is not considered as an enhanced investigation property as described in Clause 32 (1)(b) of O. Reg. 153/04.
-	Other observation	Transformer was noted on a telephone pole in the western portion of the Site. No staining, spills, or discolouration was noted.
-		Woodland covers the central portion, southwest portion, and northern portion of the Site, access to the woodland was limited
Additional Potential Environmental Concerns – Designated Substances		
-	Radon	Based on the Radon Potential Map of Ontario, the Site is located in an area with elevated radon hazard.

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 8: Summary Table of Observations of The Neighbouring Properties

Figure ID	Item	Observations
-	Adjacent Land Uses	**North:** Agricultural or Other and Parkland; further north: Agricultural or other **South:** Parkland and institutional; further south: Residential and Parkland **West:** Sideline 4; further west: Residential, Commercial and agricultural or other **East:** Residential; further east: Residential
-	Water Body	According to the Ontario Source Protection Atlas Carruthers Creek was noted to be flowing in the central portion of Study Area the creek flows southerly. The central portion of the Study area had limited access due to the heavily wooded areas, and private properties.
-	Areas of Natural Significance	Woods were noted throughout the central, northern, and western portions of the Phase One Study Area; a further study should be considered to evaluate the presence of area of natural significance. Further assessment of the natural significance at the Site and the Study Area were not carried out in this study.
SN1	Other observations	Industrial storage was observed at 3330 Balsam Road.
SN2		Deer Creek Golf was observed at 2700 Audley Road North.

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 9: Summary Table of The Current and Past Uses of The Phase One Property

Date	Names of Owner	Description of Land Use	Source of Information	Notes
3225 Balsam Road, Pickering, ON - PIN: 26404 - 0375 (LT)				
Prior to 1991	Cougs Investments Ltd.	Residential Use	Chain of Title; Aerial Photograph	Based on the 1954, 1971, and 1978 aerial photographs the western portion of the Site is occupied by a residential house. The eastern portion of the Site appears vacant.
1991-Present	869547 Ontario Inc.		Chain of Title; Aerial Photograph; Site Visit	Based on the 2000, 2005, and 2009 aerial photographs the western portion of the Site appears to be occupied by the same residential house and the eastern portion of the Site is vacant. Based on the 2015 and 2019 aerial photographs the residential house in the western portion of the Site has been removed. The eastern portion of the Site is vacant. Based on the Site visits in 2017 and 2021 the entire Site is vacant.

Note: Only information which may have environmental concerns regarding the Phase One Property are listed for further assessment.

Table 10: Summary Table of the Potentially Contaminating Activities ("PCAs")

Figure ID	PCA Number	Operations or Activities (Method)	Environmental Concern to the Site	Rationale
Location: Entire Site area				
PR1, SS1	30	Importation of fill material of unknown quality (as per previous report)	Low	- On-site - Previous intrusive investigation shows no exceedance in soil sample analysis;
Location: Former residential house area				
AP3	30	Importation of fill material of unknow quality (as per aerial photo)	High	- On-Site - Anticipated fill material from demolished residential house was not assessed during previous intrusive investigations
Location: 3330 Balsam Road – Approximately 70m northeast of the Phase One Property				
E1, AP2, SN1	40	Historically registered as pesticide operator (as per ERIS)	Medium	- Hydraulic up to cross-gradient to the Site
	52	Current industrial equipment storage facility (as per ERIS, aerial photo, site visit)		
Location: 2700 Audley Road North – Approximately 35m south of the Phase One Property				
AP1, CD1, SN2	40	Large-scale application of pesticides from operation of a golf course (as per aerial photograph, city directory and site visit)	Medium	- Hydraulically down to cross gradient to the Site - Close to the Site

Note: PCA numbers are in accordance with Table 2, Schedule D of O. Reg. 153/04.
#30 – Importation of Fill Material of Unknown Quality
#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
#52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems

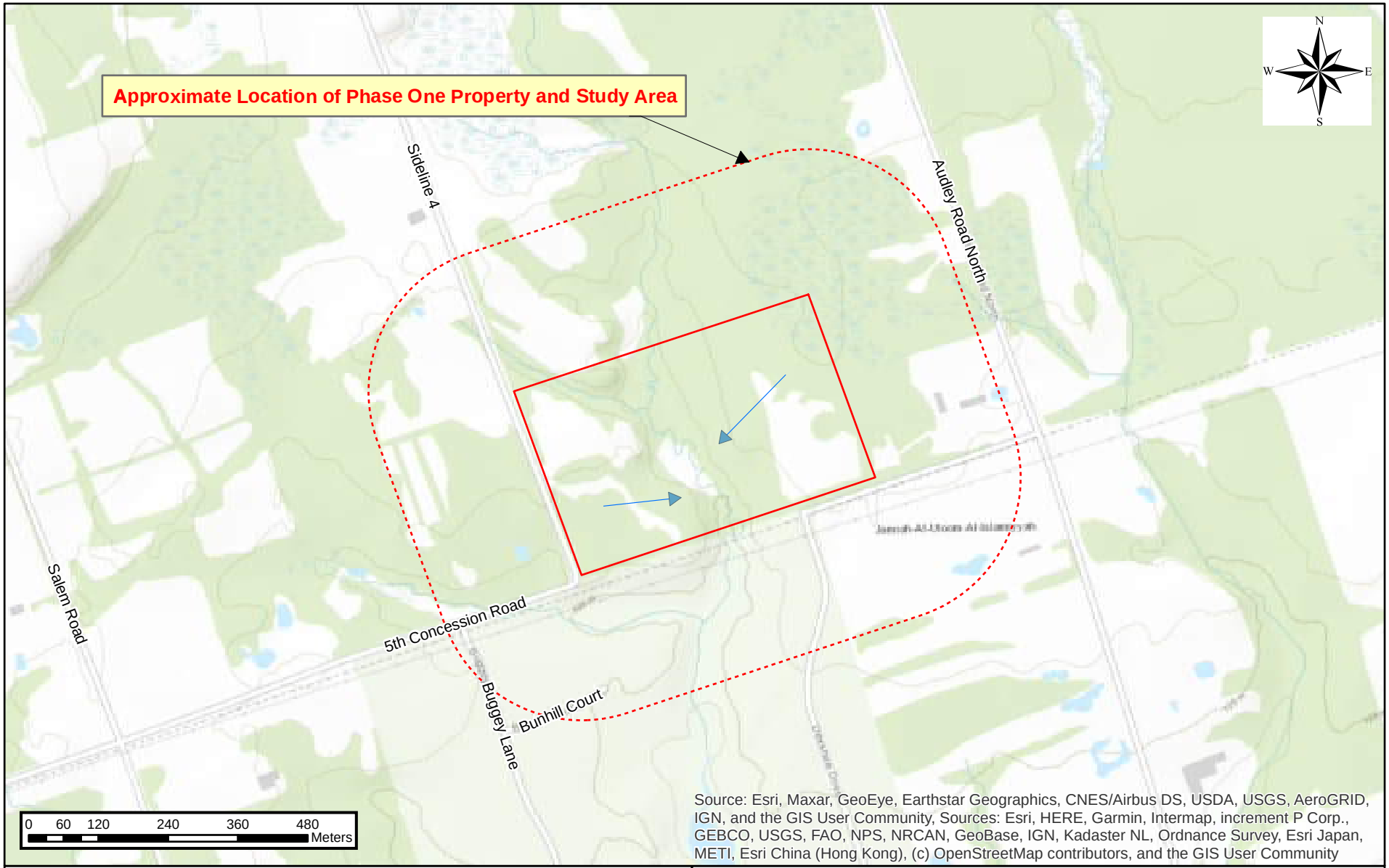
Table 11: Summary Table of Areas of Potential Environmental Concerns ("APECs")

APEC	Location of APEC	PCA Number	Location of PCA	Figure ID	COPCs	Media Potentially Impacted
APEC 1	Former residential house area	30	**On-Site** Former residential house area	AP2	Metals, PAHs	Soil
APEC 2	Northwest corner portion of the Site	40, 52	**Off-Site** 3330 Balsam Rd	E1, AP1, SN1	Metals, PHC, BTEX, PAHs, OCs	Soil
APEC 3	Southwest boundary area of the Site	40	**Off-Site** 2700 Audley Road North	CD1, SN2	Metals, OCs	Soil

Note: PCAs described specifically for the Phase One Property with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of *O.Reg. 153/04 as amended*, where applicable.
#30 – Importation of Fill Material of Unknown Quality
#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
#52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems

The contaminants of potential concern ("COPCs") are listed as follows.
PAHs = Polycyclic Aromatic Hydrocarbon
BTEX = Benzene, Toluene, Etylbenzene, Xylene
PHCs = Petroleum Hydrocarbon
OCs = Organochloride Pesticide

DRAWINGS



Legend

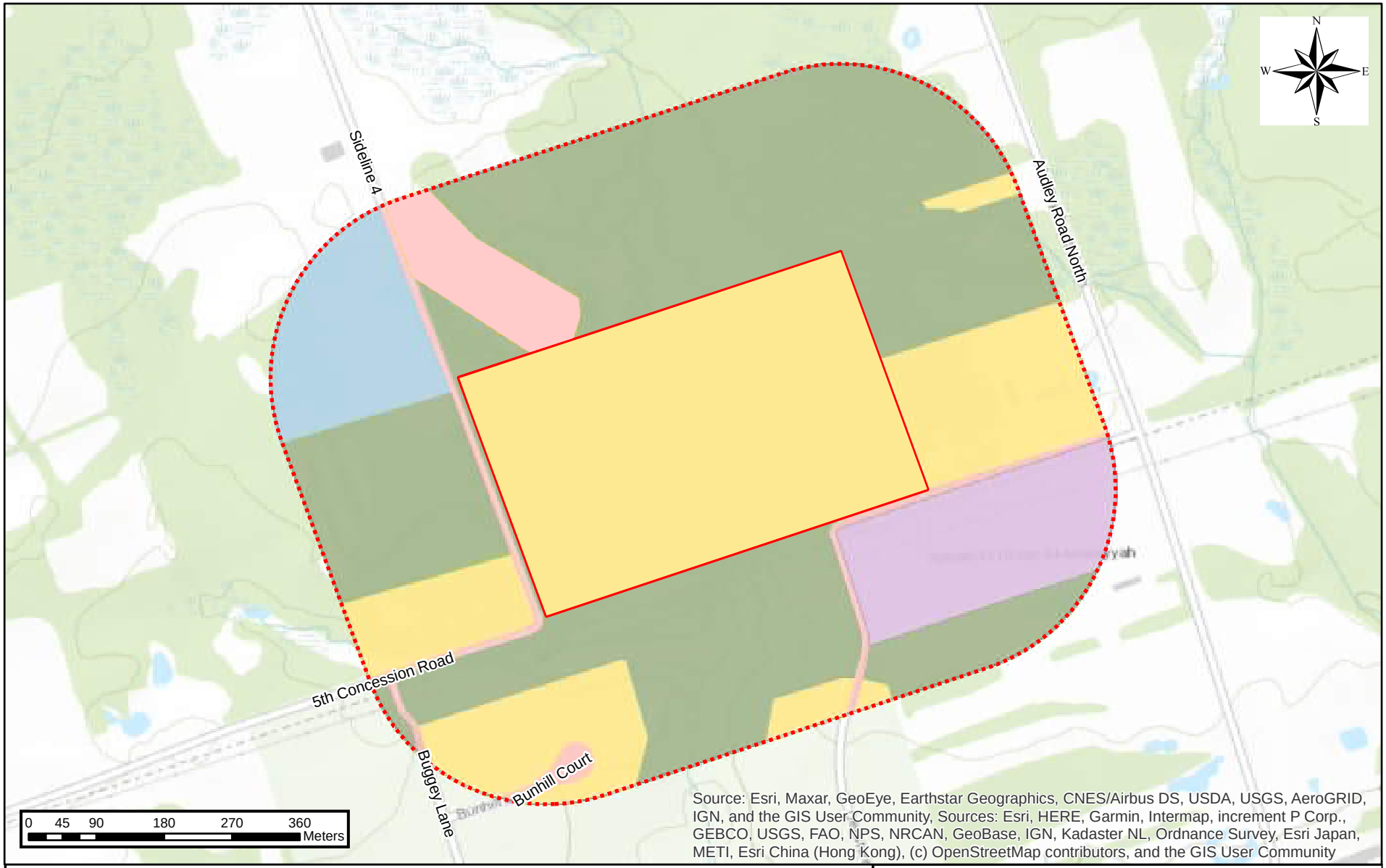
Phase One Property

Phase One Study Area

Inferred GW Flow Direction

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Drawing No.: 1	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Site Location Plan	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

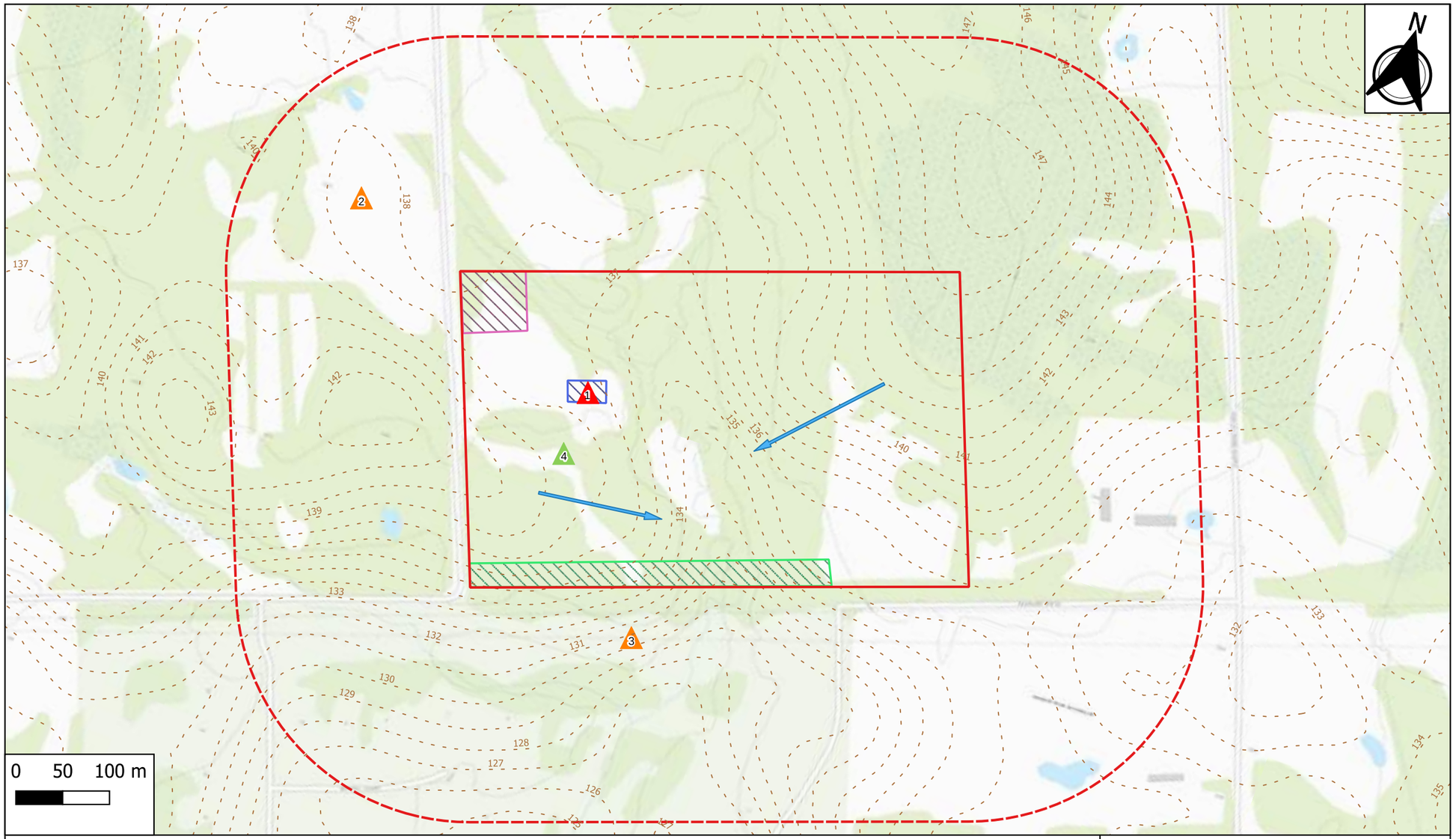


Legend

- Phase One Property
- Phase One Study Area
- Residential Use
- Community Use
- Commercial Use
- Institutional Use
- Agriculture and Other Use

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Google Earth
Google Maps

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Drawing No.: 2	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Phase One Property and Surroundings Land Use	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Toronto, Ontario		GeoPro Consulting Limited	



PCAs with Contribution to APEC

MAP ID	FIGURE ID	Location	PCA
1	AP3	Former residential house	30
2	E1,AP2,SN1	3330 Balsam Road	40,52
3	AP1,CD1,SN2	2700 Audley Road North	40

PCAs without Contribution to APEC

MAP ID	FIGURE ID	Location	PCA
4	PR1,SS1	Entire Site Area	30

Legend

- Phase One Property
- Phase One Study Area
- Inferred Groundwater Flow Direction
- Surface Contour
- APEC 1
- APEC 2
- APEC 3
- PCA with High Concern
- PCA with Medium Concern
- PCA with Low Concern

Definitions:
"APEC" = Area of Potential Environmental Concern
"PCA" = Potentially Contaminating Activity

PCAs are in accordance with Table 2, Schedule D of O. Reg 153/04

Notes:
PCA numbers are in accordance with Table 2, Schedule D of O. Reg 153/04
#30 – Importation of Fill Material of Unknown Quality
#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
#52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems

Map Sources:
ERSI World Topographic Map

Map Projection:
NAD 83 Zone 17 UTM

Project: 17-1780GHE3
Phase One Environmental Assessment
3225 Concession Road 5
Pickering, Ontario

Client: 869547 Ontario Inc

Created by: VC

Approved by: VC

Drawing No.: 3

Original Size:
11" x 17"

Date:
July 2021

Title:
PCA and APEC Location Plan

GeoPro Consulting Limited

FIGURES

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Archive of Ontario

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 1	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (1954)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Archive of Ontario

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 2	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (1971)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Archive of Ontario

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 3	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (1978)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Archive of Ontario

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 4	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (2000)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Google Earth

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 5	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (2005)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Google Earth

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 6	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (2009)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3&4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Google Earth

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 7	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (2015)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3&4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

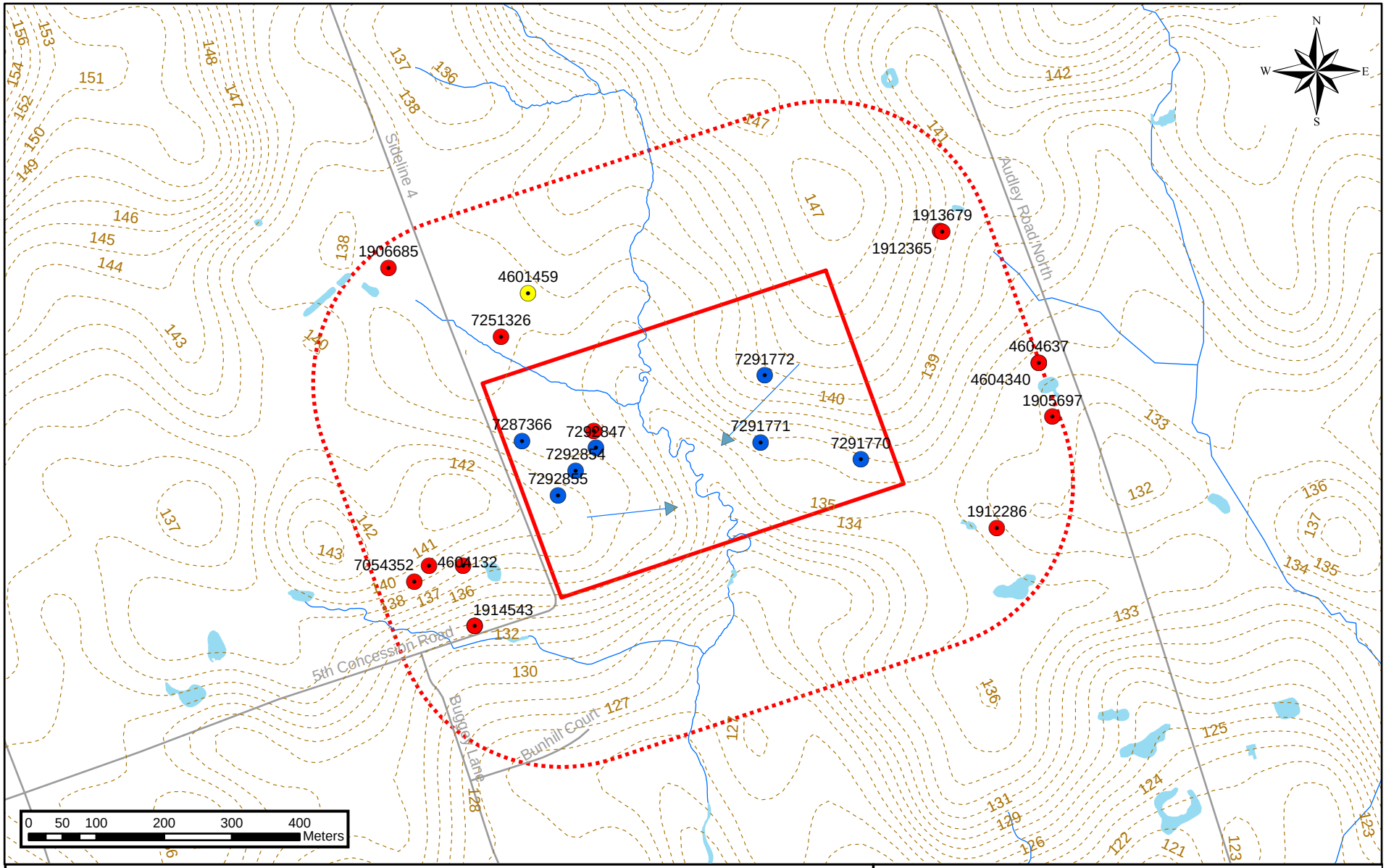
Legend

Phase One Property

Phase One Study Area

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Source: Google Earth

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 8	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Aerial Photograph (2019)	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3&4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	



Legend

- Phase One Property
- Phase One Study Area
- Inferred GW Flow Direction
- Surface Contour
- Road
- Commerical / Domestic / Irrigation / Livestock
- Public
- Watercourse
- Monitoring
- Waterbody

Map Sources:
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Ministry of the Environment, Conservation, and Parks (MECP) Well Database
Government of Canada Geospatial Data

Prepared by: BN	Rev: KY	Approved: KY	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 9	Original Size: Letter
Date: July 2021	Client: 869547 Ontario Inc.	Title: Topographic Map	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario		GeoPro Consulting Limited	

Legend

- Assessment Parcel
- Woodland
- Conservation Reserve
- Provincial Park
- Natural Heritage System
- Ecoregion

Wetland

- Provincially Significant Wetland Evaluated
- Non - Provincially Significant Wetland Evaluated
- Unevaluated Wetland

Area of Natural Heritage & Scientific Interest (ANSI)

- Provincially Significant Life Science ANSI
- Provincially Significant Earth Science ANSI

Greenbelt Plan

- Boundary
- Greenbelt External Connections

Land Use Designations

- Protected Countryside
- Greenbelt Towns and Villages
- Greenbelt Hamlets
- Urban River Valley
- Greenbelt Specialty Crop Area

Niagara Escarpment Plan (NEP)

- Boundary
- Parks and Open Space System

Land Use Designations

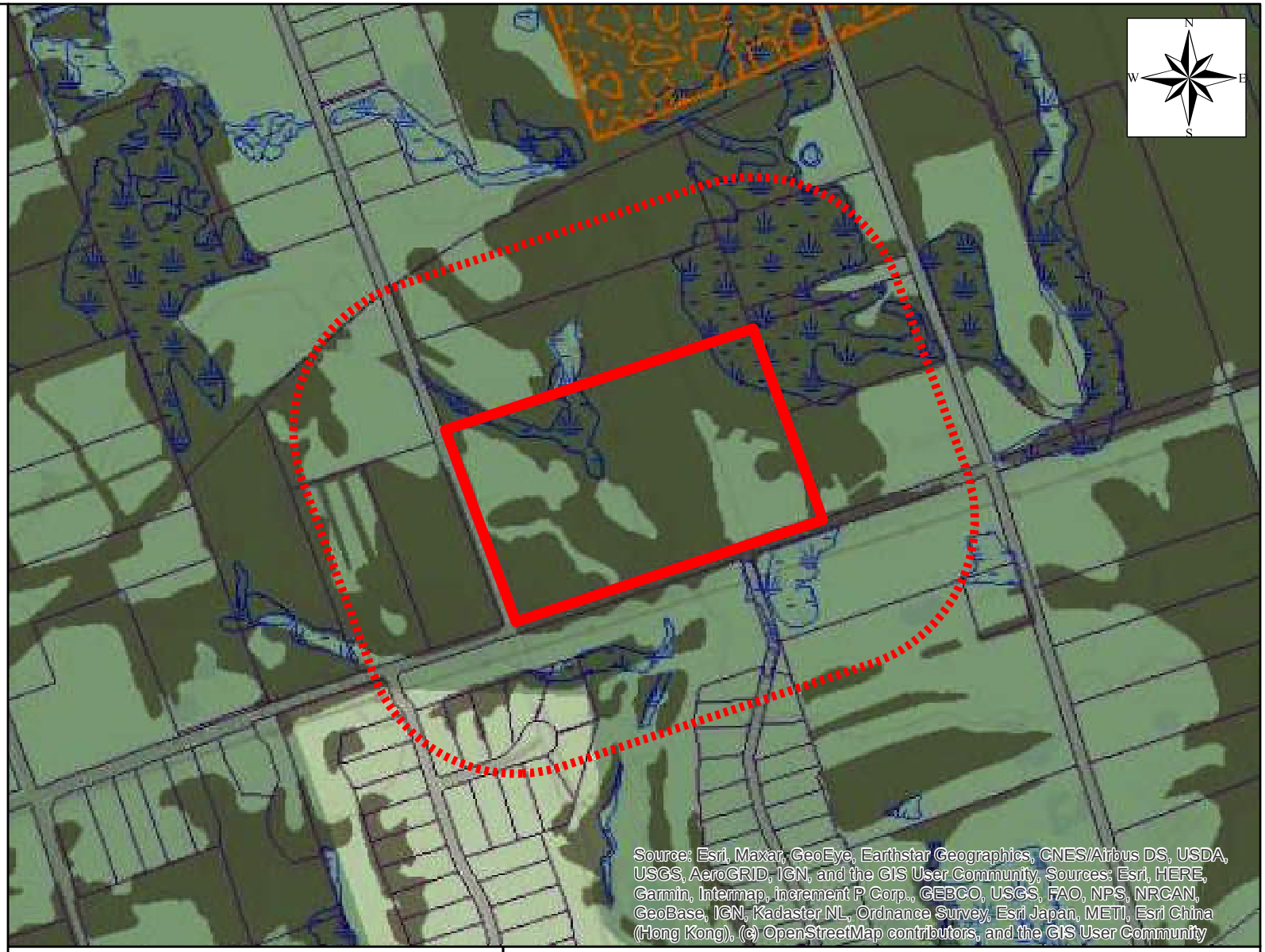
- Escarpment Natural Area
- Escarpment Protection Area
- Escarpment Rural Area
- Mineral Resource Extraction Area
- Escarpment Recreation Area
- Urban Area
- Minor Urban Centre

Oak Ridges Moraine Conservation Plan (ORM)

- Boundary

Land Use Designations

- Natural Core Area
- Natural Linkage Area
- Countryside Area
- Rural Settlement
- Palgrave Estates Residential Community
- Settlement Area



0 62.5 125 250 375 500 Meters

Map Sources:

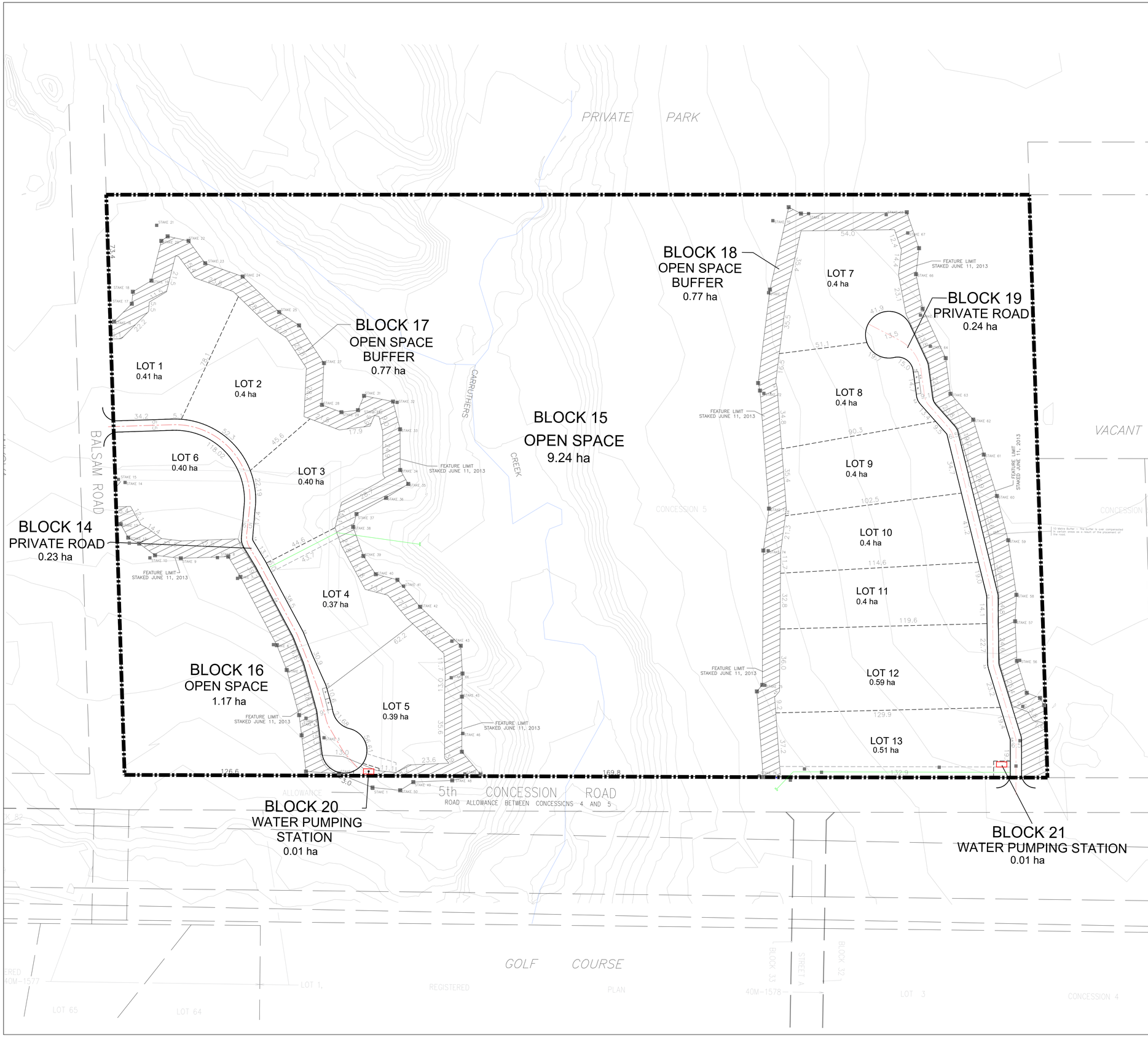
ArcGIS Basemap projected in NAD83 UTM Zone 17N - Topographic
Ontario Natural Heritage Map

Prepared by: BN	Approved: SK	Scale: As Shown	Project No.: 17-1780E3	Figure No.: 10	Original Size: Letter

Date: July 2021	Client: 869547 Ontario Inc.	Title: Natural Heritage	Project: Phase One Environmental Site Assessment Proposed Residential Development at Part of Lot 3 & 4 Concession Road 5, Pickering, Ontario	GeoPro Consulting Limited

APPENDIX A

PROPOSED DRAFT PLAN OF SUBDIVISION
PART OF LOTS 3 AND 4 CONCESSION 5
(Geographic Township of Pickering)
Now in the City of Pickering
REGIONAL MUNICIPALITY
of DURHAM



0 m 25 m 50 m

KEYMAP

★ Subject Property

0 km 1 km 2 km

LEGEND

- Subject Site Boundary
- 10 m Buffer from Staked Limit
- Lot Lines
- Easement Line
- Storm Sewer
- Road Centreline

AREA TABLE

Residential Lots	Lots 1-13	5.47	ha.
Open Space	Blocks 15,16	10.41	ha.
Open Space 10 m Buffer	Blocks 17,18	1.54	ha.
Water Pumping Station	Blocks 20, 21	0.02	ha.
Private Road	Blocks 14, 19	0.47	ha.
TOTAL		17.91	ha.

ADDITIONAL INFORMATION REQUIRED UNDER THE PLANNING ACT

C. The applicant is not interested in any additional land adjacent to the proposed subdivision.
D. Residential single-detached, open space and R.O.W easement.
H. Piped water to be provided.
I. Clay loam and sandy soil.
K. Sanitary and storm sewers to be provided

UNIT COUNT

Single-Detached 13 u

ROAD LENGTH

6.5 m Private Road 562.5 m

PARKING

Parking Spots (2.6 m x 5.3 m) 4 spots

SURVEYOR'S CERTIFICATE

I hereby certify that the boundaries of the land to be subdivided as shown on this plan, and their relationship to the adjacent lands are accurately and correctly shown.

Gabriel C. Laframboise – O.L.S. Signature / Day / Month / Year
J.D. Barnes Ltd.

OWNERS AUTHORIZATION

I, Paul Bigoni here by authorize Maurizio Rogato to prepare and submit a draft plan of subdivision for approval.

Paul Bigoni Signature / Day / Month / Year
869547 Ontario Inc.

BLACKTHORN Development Corp.

Land Development | Land Use Planning | Project Management | Government Relations

1:1000	July 11th /2023	21226-15	Rev.	Drawn	RW Design
Scale	Date	Drawing Number			

APPENDIX B

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PT LTS 3 & 4 CON 5 PICKERING, PT 1 ON PLAN 40R25092; PICKERING, REGIONAL MUNICIPALITY OF DURHAM

PROPERTY REMARKS: FOR THE PURPOSE OF THE QUALIFIER THE DATE OF REGISTRATION WITH ABSOLUTE TITLE IS 2007 09 27.

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS

RECENTLY:
RE-ENTRY FROM 26404-0044

PIN CREATION DATE:
2007/09/27

OWNERS' NAMES
869547 ONTARIO INC.

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2007/09/27 **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
CO94360	1961/05/17	BYLAW				C
REMARKS: PLANNING ACT FOR SUBDIVISION CONTROL DELETED UNDER DR116972 *AS TO PIN 26409-0006 *ADDED 2003 01 06 BY DONNA WARREN						
CO220539	1972/03/03	ORDER				C
D232378	1986/10/17	AGREEMENT				C
D300632	1989/01/05	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	COUGS INVESTMENTS LTD.	
D359508	1991/03/20	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	COUGS INVESTMENTS LTD.	
D359509	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359510	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359511	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359512	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359513	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359514	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359515	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359516	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C

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

* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
D359517	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359518	1991/03/20	TRANSFER	$50,000		869547 ONTARIO INC.	C
D359519	1991/03/20	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	COUGS INVESTMENTS LTD.	
D359520	1991/03/20	CHARGE		*** DELETED AGAINST THIS PROPERTY ***	COUGS INVESTMENTS LTD.	
DR429824	2005/09/22	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF TRANSPORT		C
REMARKS: AIRPORT ZONING REGULATIONS						
40R25092	2007/09/27	PLAN REFERENCE				C
DR649642	2007/09/27	APL ABSOLUTE TITLE		869547 ONTARIO INC.	869547 ONTARIO INC.	C
REMARKS: DR623030						
40R29444	2016/12/12	PLAN REFERENCE				C
DR1713677	2018/06/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** COUGS INVESTMENTS LTD.		
REMARKS: D300632.						
DR1713678	2018/06/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** COUGS INVESTMENTS LTD.		
REMARKS: D359508.						
DR1713679	2018/06/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** COUGS INVESTMENTS LTD.		
REMARKS: D359519.						
DR1713680	2018/06/26	DISCH OF CHARGE		*** COMPLETELY DELETED *** COUGS INVESTMENTS LTD.		
REMARKS: D359520.						

APPENDIX C

GeoPro Consulting Limited

Geotechnical-Hydrogeology-Environmental-Materials-Inspection

Geotechnical Investigation

Proposed Residential Developments

Parts of Lots 3 and 4, Concession 5, Pickering, Ontario

Prepared For:

JFC Developments Ltd.

GeoPro Project No.: 17-1780GHE

Report Date: May 31, 2017

LOG OF BOREHOLE BH1

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/10/2017

REF. NO.: 17-1780GHE
ENCL NO.: 2

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS / 0.3 m ("N")	GROUND WATER CONDITIONS	ELEVATION	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
135.3 / 0.0	**TOPSOIL:** (180 mm)					Concrete	
0.2	**REWORKED SILTY FINE SAND:** trace organics, trace rootlets, brown, moist, loose	1	SS	4		135	
134.2 / 1.1	**SILTY FINE SAND:** trace organics, trace rootlets, brown, wet, loose to compact	2	SS	4		134	
		3	SS	23	W. L. 133.9 m May 09, 2017; W. L. 133.6 m Apr 28, 2017		
133.2 / 2.1	**FINE SAND AND SILT TO FINE SANDY SILT:** trace clay, brown to grey, wet, dense to very dense	4	SS	37		133 Bentonite	
		5	SS	55		132	
	--- grey	6	SS	82		131	
		7	SS	50 / 150 mm		130 Sand Screen	
127.4		8	SS	50 / 150 mm		129 Natural Pack	
7.9	**END OF BOREHOLE**						

Notes:
1) Water encountered at a depth of 1.5 m below ground surface (mBGS) during drilling.
2) Water was at a depth of 3.0 mBGS upon completion of drilling.
3) Borehole caved at a depth of 3.0 mBGS upon completion of drilling.
4) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date W.L.	Depth (mBGS)
April 28, 2017	1.72
May 9, 2017	1.35

DYNAMIC CONE PENETRATION RESISTANCE PLOT: 20 40 60 80 100

SHEAR STRENGTH (kPa): ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)

PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L; WATER CONTENT (%): 10 20 30

POCKET PEN. (Cu) (kPa) — NATURAL UNIT WT (kN/m³)

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES: +³, ×³: Numbers refer to Sensitivity; ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH2

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/10/2017

REF. NO.: 17-1780GHE
ENCL NO.: 3

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS 0.3 m "N"	ELEVATION
133.0 / 0.0	**TOPSOIL:** (250 mm)				
132.7 / 0.3	**REWORKED SILTY FINE SAND:** trace clay, trace organics, trace rootlets, brown, moist, loose	1	SS	5	
132.3 / 0.7	**NO RECOVERY:** likely silty fine sand, loose	2	NR	6	
131.6 / 1.4	**FINE SAND AND SILT:** trace clay, trace organics, seams of clayey silt, brown to grey, wet, compact to very dense	3	SS	18	131
	--- grey	4	SS	30	
		5	SS	32	
		6	SS	46	128
		7	SS	53	127
125.9 / 7.1	**CLAYEY SILT:** some fine sand, seams of sand, grey, wet, stiff	8	SS	10	125
124.3 / 8.6	**CLAYEY SILT (TILL LIKE):** trace to some sand, trace gravel, containing cobbles and boulders, grey, wet, stiff	9	SS	10	124
122.8 / 10.1	**CLAYEY SILT TILL TO SILTY CLAY TILL:** trace sand, trace gravel, containing cobbles and boulders, grey, moist, hard	10	SS	80	122

GROUND WATER CONDITIONS: Concrete; W. L. 132.3 m May 09, 2017; W. L. 131.9 m Apr 28, 2017; Sand; Screen; Natural Pack

DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100)
SHEAR STRENGTH (kPa): ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)
PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L
WATER CONTENT (%) (10 20 30)

POCKET PEN. (Cu) (kPa) | NATURAL UNIT WT (kN/m³) | REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL

Continued Next Page

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES: +³, ×³: Numbers refer to Sensitivity; ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH2

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/10/2017

REF. NO.: 17-1780GHE
ENCL NO.: 3

SOIL PROFILE (m) ELEV / DEPTH	DESCRIPTION	STRATA PLOT	SAMPLES NUMBER	TYPE	BLOWS 0.3 m "N"	GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100) / SHEAR STRENGTH (kPa) ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)	PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L / WATER CONTENT (%) (10 20 30)	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
120.3			11	SS	90/280 mm				○			
12.6	**END OF BOREHOLE**											

Notes:
1) Water encountered at a depth of 1.5 m below ground surface (mBGS) during drilling.
2) Water was at a depth of 2.1 mBGS upon completion of drilling.
3) Borehole caved at a depth of 2.1 mBGS upon completion of drilling.
4) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date W.L.	Depth (mBGS)
April 28, 2017	1.05
May 9, 2017	0.70

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH3

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/10/2017

REF. NO.: 17-1780GHE
ENCL NO.: 4

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS 0.3 m "N"	GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100) / SHEAR STRENGTH (kPa) ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)	PLASTIC LIMIT w_P / NATURAL MOISTURE CONTENT w / LIQUID LIMIT w_L — WATER CONTENT (%) (10 20 30)	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
133.6 / 0.0	**TOPSOIL:** (180 mm)										
0.2	**REWORKED SILTY FINE SAND:** trace organics, trace rootlets, dark brown to brown, wet, loose to compact	1	SS	4		Concrete / Bentonite		○			
132.5 / 1.1		2	SS	23		W. L. 133.0 m / W. L. 132.8 m / Apr 28, 2017		○			
132.2 / 1.4	**SILTY FINE SAND:** trace clay, trace rootlets, brown, wet, compact										
2	**FINE SAND AND SILT TO FINE SANDY SILT:** trace clay, brown to grey, wet, compact to dense	3	SS	26		Sand / Screen		○			
		4	SS	48		131		○			
3	--- grey	5	SS	43				○			
129.5 / 4.0	**SILT:** some fine sand, trace clay, layers of fine sand and silt, grey, wet, dense					130					
		6	SS	39		129		○			
5						Natural Pack					
128.0 / 5.6	**FINE SAND AND SILT:** trace clay, grey, wet, very dense					128					
6		7	SS	50/150 mm		127		○			
126.6 / 7.0	**SILT:** some fine sand, trace to some clay, seams of fine sand, grey, wet, compact					126					
8		8	SS	30				○			
125.5 / 8.1	**END OF BOREHOLE**										

Notes:
1) Water encountered at a depth of 0.8 m below ground surface (mBGS) during drilling.
2) Borehole caved at a depth of 1.8 mBGS upon completion of drilling.
3) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date W.L.	Depth (mBGS)
April 28, 2017	0.76
May 9, 2017	0.57

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH4

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/05/2017

REF. NO.: 17-1780GHE
ENCL NO.: 5

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS / 0.3 m ("N")	ELEVATION
136.1 / 0.0	**TOPSOIL:** (200 mm)				
0.2	**REWORKED SAND AND SILT:** some clay, some gravel, trace organics, trace rootlets, brown, wet, very loose to dense	1	SS	3	
135.0 / 1.1	**SANDY SILT TILL TO SAND AND SILT TILL:** some clay, trace gravel, layers of silty sand, containing cobbles and boulders, brown to grey, moist to wet, dense to very dense ---cobbles and boulders --- grey	2	SS	40	135
		3	SS	50/150 mm	134
		4	SS	67	
132.1 / 4.0	**SILTY SAND:** some gravel, containing cobbles and boulders, grey, wet, very dense	5	SS	73	133
		6	SS	68	132
130.5 / 5.6	**CLAYEY SILT TILL:** some sand to sandy, trace gravel, containing cobbles and boulders, grey, moist, hard	7	SS	50 / 150 mm	131
129.1 / 7.0	**CLAYEY SILT:** trace sand, trace gravel, grey, moist, hard				130
128.3 / 7.8	**END OF BOREHOLE**	8	SS	50 / 130 mm	129

Notes:
1) Water encountered at a depth of 1.8 m below ground surface (mBGS) during drilling.
2) Water was at a depth of 1.5 mBGS upon completion of drilling.
3) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date W.L.	Depth (mBGS)
April 28, 2017	0.39
May 9, 2017	0.27

GROUND WATER CONDITIONS: Concrete; W. L. 135.8 m; W. L. 135.7 m Apr 28, 2017; Bentonite; Sand; Screen; Natural Pack

DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100)
SHEAR STRENGTH (kPa): ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)
PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L
WATER CONTENT (%) (10 20 30)
POCKET PEN. (Cu) (kPa)
NATURAL UNIT WT (kN/m³)
REMARKS AND GRAIN SIZE DISTRIBUTION (%): GR SA SI CL

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES: +³, ×³: Numbers refer to Sensitivity; ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH5

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/05/2017

REF. NO.: 17-1780GHE
ENCL NO.: 6

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS "N" 0.3 m	ELEVATION
135.5 / 0.0	**TOPSOIL:** (200 mm)				
0.2 / 134.8	**FILL:** silty fine sand, trace organics, trace rootlets, dark brown to brown, wet, loose	1	SS	4	
0.7	**SANDY SILT TILL:** trace to some clay, trace gravel, pockets of sand, containing cobbles and boulders, brown to grey, moist, very dense	2	SS	76 / 280 mm	
		3	SS	87	
	--- grey	4	SS	94	
2.9 / 132.6	**FINE SANDY SILT:** trace clay, trace gravel, grey, wet, very dense	5	SS	50 / 80 mm	
3.9 / 131.6	**CLAYEY SILT TILL:** some sand to sandy, trace gravel, containing cobbles and boulders, grey, moist, hard	6	SS	50 / 130 mm	
5.5 / 130.0	**SANDY SILT TILL:** trace to some clay, trace gravel, containing cobbles and boulders, grey, moist, very dense ---cobbles and boulders	7	SS	50 / 80 mm	
6.9 / 128.6	**GRAVELLY SAND:** trace silt, pockets of silt, containing cobbles and boulders, grey, wet, very dense	8	SS	59	
8.1 / 127.4	**END OF BOREHOLE**				

Notes:
1) Water encountered at a depth of 0.8 m below ground surface (mBGS) during drilling.
2) Water was at a depth of 0.3 mBGS upon completion of drilling.
3) Borehole caved at a depth of 6.7 mBGS upon completion of drilling.
4) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date	W.L. Depth (mBGS)
April 28, 2017	0.76
May 9, 2017	0.49

GROUND WATER CONDITIONS: Concrete; W. L. 135.0 m May 09, 2017; W. L. 134.7 m Apr 28, 2017; Bentonite; Sand; Screen; Natural Pack

DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100)
SHEAR STRENGTH (kPa): ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)
PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L
WATER CONTENT (%) (10 20 30)
POCKET PEN. (Cu) (kPa)
NATURAL UNIT WT (kN/m³)
REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES: +³, ×³: Numbers refer to Sensitivity; ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH6

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/05/2017

REF. NO.: 17-1780GHE
ENCL NO.: 7

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS / 0.3 m "N"	GROUND WATER CONDITIONS	ELEVATION	SHEAR STRENGTH (kPa) ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100)	PLASTIC LIMIT w_P / NATURAL MOISTURE CONTENT w / LIQUID LIMIT w_L — WATER CONTENT (%) (10 20 30)	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
136.7											
0.0 / 136.1	**TOPSOIL:** (530 mm)	1	SS	4		Concrete					
136.6 / 0.7	**REWORKED SAND AND SILT:** trace to some clay, trace organics, trace rootlets, dark brown, wet, very loose	2	SS	14		136					
1	**SANDY SILT TILL:** trace clay, trace gravel, pockets of sand, layers of silty sand, containing cobbles and boulders, brown to grey, moist to wet, compact to very dense	3	SS	44		W. L. 135.4 m May 09, 2017 W. L. 135.0 m Apr 28, 2017					
2		4	SS	68		134					
3	--- grey	5	SS	45		133					
4						Sand Screen					
5	--- containing shale fragments	6	SS	45		132					
131.1 / 5.6	**SILTY SAND TILL:** some gravel, trace clay, layers of silty sand, containing cobbles and boulders, grey, moist to wet, very dense					131					
6 / 130.1		7	SS	91/ 280 mm		Natural Pack					
6.5	**END OF BOREHOLE**										

Notes:
1) Water encountered at a depth of 1.5 m below ground surface (mBGS) during drilling.
2) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date	W.L. Depth (mBGS)
April 28, 2017	1.62
May 9, 2017	1.31

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH7

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/13/2017

REF. NO.: 17-1780GHE
ENCL NO.: 8

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	BLOWS 0.3 m "N"	ELEVATION
136.1					
0.0 / 135.9	**TOPSOIL:** (220 mm)				
0.2	**REWORKED SILTY FINE SAND:** trace organics, trace rootlets, brown, moist, very loose	1	SS	2	Concrete
135.1		2	SS	3	
1.1	**SILTY FINE SAND:** trace organics, trace rootlets, brown, moist to wet, very loose to dense				135
		3	SS	14	
					134
133.4		4	SS	40	
2.7	**FINE SAND AND SILT:** trace clay, grey, wet to saturated, very dense				
		5	SS	52	133
132.1					
4.0	**SILTY FINE SAND:** trace clay, grey, wet to saturated, dense				132
		6	SS	46	
130.6					131
5.6	**FINE SAND AND SILT:** trace clay, layers of silty fine sand, seams of clayey silt, grey, wet, very dense				
		7	SS	55	130
129.0					
7.1	**SILTY FINE SAND:** trace clay, grey, wet, very dense				129
		8	SS	50 / 100 mm	
					128
127.5					
8.6	**SILT TO FINE SANDY SILT:** trace to some clay, grey, wet, compact				
		9	SS	12	127
					126
		10	SS	28	
					125
124.5					
11.7					

GROUND WATER CONDITIONS: W. L. 136.8 m, Apr 28, 2017

DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100)

SHEAR STRENGTH (kPa): CONFINED + FIELD VANE & Sensitivity; QUICK TRIAXIAL × LAB VANE (20 40 60 80 100)

PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L; WATER CONTENT (%) (10 20 30)

POCKET PEN. (Cu) (kPa)

NATURAL UNIT WT (kN/m³)

REMARKS AND GRAIN SIZE DISTRIBUTION (%): GR SA SI CL

Continued Next Page

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES: +³, ×³: Numbers refer to Sensitivity; ○ ε=3% Strain at Failure

LOG OF BOREHOLE BH7

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/13/2017

REF. NO.: 17-1780GHE
ENCL NO.: 8

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m	ELEVATION
	SILTY CLAY TILL: trace to some sand, trace gravel, grey, moist to wet, very stiff(Continued)	11	SS	20	124
122.9 / 13.2	**SANDY SILT TILL:** trace clay, trace gravel, containing cobbles and boulders, grey, moist to wet, very dense				123
122.3 / 13.9	---cobbles and boulders	12	SS	50 / 80 mm	Bentonite
	SAND AND SILT TILL: some clay, trace to some gravel, zones of silty sand, containing cobbles and boulders, grey, wet, dense to very dense				122
	--- auger grinding	13	SS	50	121
	---cobbles and boulders	14	SS	50/ 100 mm	120
118.4 / 17.8	**CLAYEY SILT TILL:** some sand to sandy, trace gravel, grey, moist, hard	15	SS	100 / 250 mm	119
		16	SS	78	118
115.3 / 20.8	**SANDY SILT TILL:** trace to some clay, trace gravel, grey, moist to wet, very dense	17	SS	71	117
		18	SS	61	116
					115
					114
					113

Continued Next Page

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES: + 3, × 3: Numbers refer to Sensitivity; ε=3% Strain at Failure

LOG OF BOREHOLE BH7

PROJECT: Geotechnical Investigation for Proposed Residential Development
CLIENT: JFC Developments Ltd.
PROJECT LOCATION: Parts of Lots 3 and 4, Concession 5, Pickering, Ontario
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

DRILLING DATA
Method: Continuous Flight Auger- Auto Hammer
Diameter: 155/205 mm
Date: Apr/13/2017

REF. NO.: 17-1780GHE
ENCL NO.: 8

(m) ELEV / DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m	ELEVATION
	SANDY SILT TILL: trace to some clay, trace gravel, grey, moist to wet, very dense(Continued)				112
		19	SS	66	
25					111
26		20	SS	58	110
27					109
		21	SS	53	
28					108
107.8 / 28.4	**PROBABLE WEATHERED SHALE:** grey, moist				Sand
					Screen
29		22	SS	50/100 mm	107
106.6 / 29.6	**END OF BOREHOLE**				

Notes:
1) Water encountered at a depth of 1.5 m below ground surface (mBGS) during drilling.
2) 51 mm dia. Monitoring Well was installed in borehole upon completion of drilling.

Water Level Reading

Date W.L.	Depth (mBGS)
April 28, 2017	-0.65
May 9, 2017	-0.63

SOIL PROFILE | STRATA PLOT | SAMPLES | GROUND WATER CONDITIONS | ELEVATION | DYNAMIC CONE PENETRATION RESISTANCE PLOT (20 40 60 80 100) | SHEAR STRENGTH (kPa) ○ UNCONFINED ● QUICK TRIAXIAL + FIELD VANE & Sensitivity × LAB VANE (20 40 60 80 100) | PLASTIC LIMIT w_P — NATURAL MOISTURE CONTENT w — LIQUID LIMIT w_L | WATER CONTENT (%) (10 20 30) | POCKET PEN. (Cu) (kPa) | NATURAL UNIT WT (kN/m³) | REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ε=3% Strain at Failure

GeoPro Consulting Limited

Geotechnical-Hydrogeology-Environmental-Materials-Inspection

Preliminary Hydrogeological Site Assessment

Proposed Residential Developments

Parts of Lots 3 and 4, Concession 5, Pickering, Ontario

Prepared For:

JFC Developments Ltd. c/o Candevcon Limited

GeoPro Project No.: 17-1780H

Report Date: December 27, 2017

GeoPro Consulting Limited Tel. (905) 237-8336

Unit 57, 40 Vogell Road, Richmond Hill, Ontario L4B 3N6

GeoPro CONSULTING LIMITED

APPENDIX D

DATABASE REPORT

Project Property:	*17-1780GHE03* *17-1780 3225 Concession Road 5, Parts of Lots 3 and 4* *Pickering ON*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*21062400123*
Requested by:	*GeoPro Consulting Limited*
Date Completed:	*June 29, 2021*

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Executive Summary

Property Information:

Project Property:	*17-1780GHE03* *17-1780 3225 Concession Road 5, Parts of Lots 3 and 4 Pickering ON*
Project No:	

Order Information:

Order No:	*21062400123*
Date Requested:	*June 24, 2021*
Requested by:	*GeoPro Consulting Limited*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	0	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	8	8
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	8	12	20
		Total:	9	29	38

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		3225 Sideline 4 Pickering ON	ENE/0.0	1.03	19
2	WWIS		2944 AUDLEY ROAD Ajax ON ***Well ID:*** 7291771	E/0.0	4.73	19
3	WWIS		3225 GIDELINE 4 lot 4 con 5 LOCUST HILL ON ***Well ID:*** 7292847	W/0.0	0.36	21
4	WWIS		lot 4 con 5 ON ***Well ID:*** 4601460	W/0.0	-1.16	24
5	WWIS		2944 AUDLEY ROAD Ajax ON ***Well ID:*** 7291772	ENE/0.0	6.70	26
6	WWIS		3225 SIDELINE 4 lot 4 con 5 LUCUST HILL ON ***Well ID:*** 7292854	WSW/0.0	1.08	28
7	WWIS		3225 SIDELINE 4 lot 4 con 5 LOCUST HILL ON ***Well ID:*** 7292855	WSW/0.0	1.97	31
8	WWIS		3225 SIDELINE 4 LOCUST HILL ON ***Well ID:*** 7287366	W/0.0	2.71	33

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
9	WWIS		2944 AUDLEY ROAD Ajax ON ***Well ID:*** 7291770	E/0.0	7.00	36

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	WWIS		SDLM 4 lot 4 con 5 PICKERING ON ***Well ID:*** 7251326	WNW/49.7	2.97	39
11	WWIS		lot 4 con 5 ON ***Well ID:*** 4601459	NW/62.4	1.50	45
12	EASR	TRANS-NORTHERN PIPELINES INC./ PIPELINES TRANS-NORD INC.	ON	S/92.7	-6.06	48
13	WWIS		lot 5 con 5 ON ***Well ID:*** 1905108	WSW/115.0	0.20	48
14	WWIS		lot 5 con 5 ON ***Well ID:*** 1914543	WSW/130.0	-2.93	51
14	WWIS		lot 6 con 5 ON ***Well ID:*** 1912924	WSW/130.0	-2.93	54
15	WWIS		lot 3 con 2 ON ***Well ID:*** 1912286	ESE/147.6	4.96	56
16	PES	LLOYD'S LANDSCAPING LIMITED	3330 BALSAM RD PICKERING ON L1X2W4	WNW/159.2	8.82	60
16	PES	LLOYD'S LANDSCAPING LTD	3330 BALSAM RD PICKERING ON L1X 2W4	WNW/159.2	8.82	60
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	61
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	61
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	61

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
16	PES	LLOYD'S LANDSCAPING LTD	3330 BALSAM RD PICKERING ON L1X 2W4	WNW/159.2	8.82	62
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	62
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON	WNW/159.2	8.82	62
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	63
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	63
16	GEN	LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	WNW/159.2	8.82	63
16	PES	LLOYD'S LANDSCAPING LIMITED	3330 BALSAM RD PICKERING ON L1X2W4	WNW/159.2	8.82	64
17	WWIS		lot 5 con 5 ON ***Well ID:*** 4604132	WSW/161.9	2.25	64
18	CA		2944 Audley Road Ajax ON L1S 4S7	ESE/162.8	4.88	67
18	ECA	Jaamiah-Al-Uloom Al-Islamiyyah Ontario	2944 Audley Rd Ajax ON L1S 4S7	ESE/162.8	4.88	67
18	ECA	Abdul Majid Khan in Trust	2944 Audley Road Ajax ON L1S 4S7	ESE/162.8	4.88	67
19	WWIS		lot 7 con 5 PICKERING ON ***Well ID:*** 7054352	WSW/190.3	1.91	68
20	WWIS		lot 20 con 3 ON	ENE/208.9	8.01	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1912365			
21	WWIS		lot 5 con 5 ON ***Well ID:*** 1906685	WNW/210.5	9.40	77
22	WWIS		lot 3 con 5 ON ***Well ID:*** 1913679	ENE/211.2	7.97	80
23	HINC		10 BUNHILL COURT AJAX ON L1Z 1X5	SW/227.5	-2.79	84
24	WWIS		lot 3 con 5 ON ***Well ID:*** 1905697	E/233.4	4.02	85

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2944 Audley Road Ajax ON L1S 4S7	162.8	18

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-May 31, 2021 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
TRANS-NORTHERN PIPELINES INC./ PIPELINES TRANS-NORD INC.	ON	92.7	12

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- May 31, 2021 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Jaamiah-Al-Uloom Al-Islamiyyah Ontario	2944 Audley Rd Ajax ON L1S 4S7	162.8	18
Abdul Majid Khan in Trust	2944 Audley Road Ajax ON L1S 4S7	162.8	18

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	3225 Sideline 4 Pickering ON	0.0	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 8 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LTD.	3330 BALSAM ROAD PICKERING ON L1X 2W4	159.2	16

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 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	10 BUNHILL COURT AJAX ON L1Z 1X5	227.5	23

PES - Pesticide Register

A search of the PES database, dated Oct 2011-May 31, 2021 has found that there are 4 PES site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
LLOYD'S LANDSCAPING LTD	3330 BALSAM RD PICKERING ON L1X 2W4	159.2	16
LLOYD'S LANDSCAPING LIMITED	3330 BALSAM RD PICKERING ON L1X2W4	159.2	16
LLOYD'S LANDSCAPING LIMITED	3330 BALSAM RD PICKERING ON L1X2W4	159.2	16
LLOYD'S LANDSCAPING LTD	3330 BALSAM RD PICKERING ON L1X 2W4	159.2	16

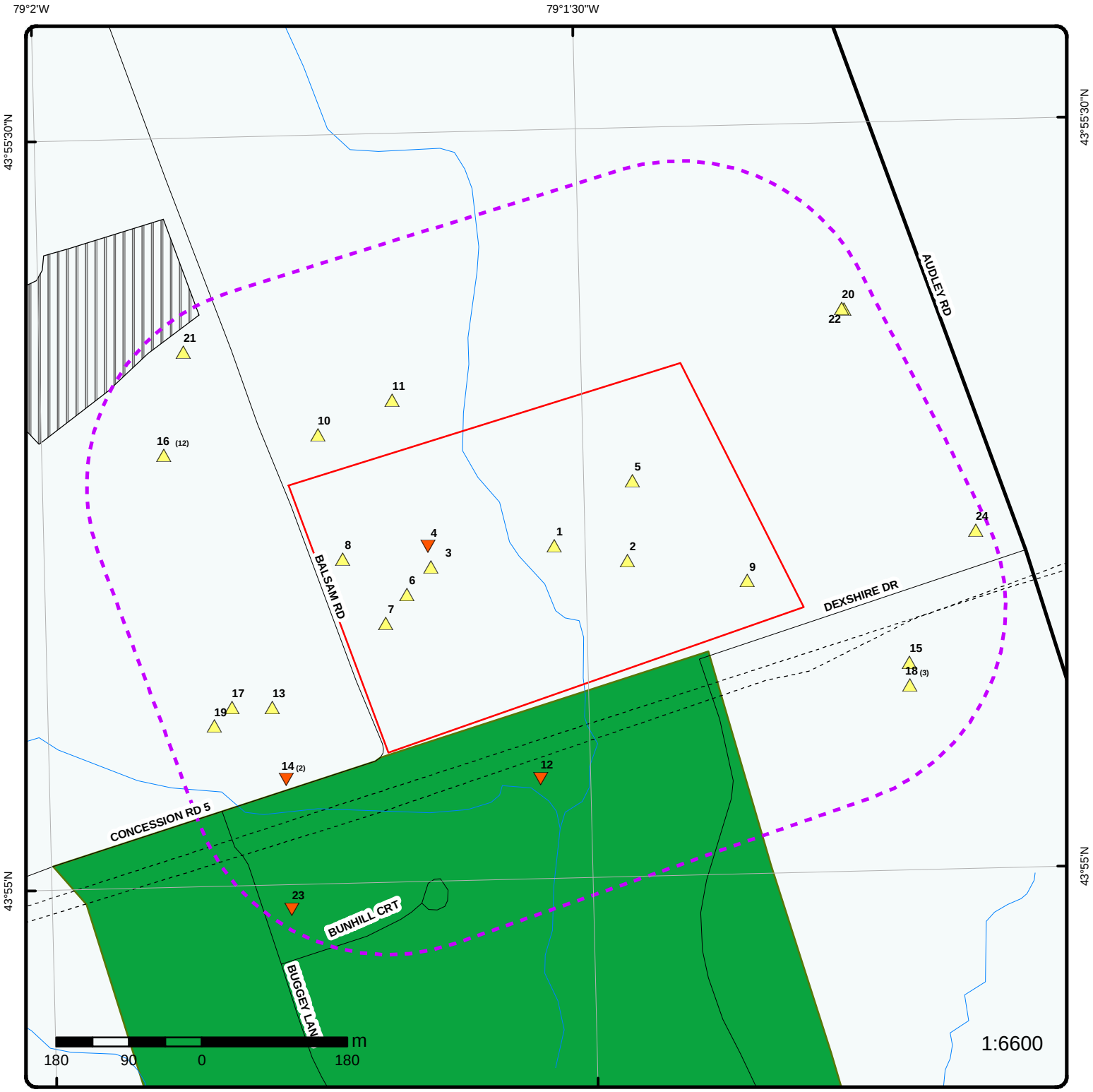
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 20 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2944 AUDLEY ROAD Ajax ON ***Well ID:*** 7291771	0.0	2
	3225 GIDELINE 4 lot 4 con 5 LOCUST HILL ON ***Well ID:*** 7292847	0.0	3
	lot 4 con 5 ON	0.0	4

Site	Address	Distance (m)	Map Key
	Well ID: 4601460		
	2944 AUDLEY ROAD Ajax ON	0.0	5
	Well ID: 7291772		
	3225 SIDELINE 4 lot 4 con 5 LUCUST HILL ON	0.0	6
	Well ID: 7292854		
	3225 SIDELINE 4 lot 4 con 5 LOCUST HILL ON	0.0	7
	Well ID: 7292855		
	3225 SIDELINE 4 LOCUST HILL ON	0.0	8
	Well ID: 7287366		
	2944 AUDLEY ROAD Ajax ON	0.0	9
	Well ID: 7291770		
	SDLM 4 lot 4 con 5 PICKERING ON	49.7	10
	Well ID: 7251326		
	lot 4 con 5 ON	62.4	11
	Well ID: 4601459		
	lot 5 con 5 ON	115.0	13
	Well ID: 1905108		
	lot 5 con 5 ON	130.0	14
	Well ID: 1914543		
	lot 6 con 5 ON	130.0	14
	Well ID: 1912924		
	lot 3 con 2 ON	147.6	15
	Well ID: 1912286		

Site	Address	Distance (m)	Map Key
	lot 5 con 5 ON ***Well ID:*** 4604132	161.9	17
	lot 7 con 5 PICKERING ON ***Well ID:*** 7054352	190.3	19
	lot 20 con 3 ON ***Well ID:*** 1912365	208.9	20
	lot 5 con 5 ON ***Well ID:*** 1906685	210.5	21
	lot 3 con 5 ON ***Well ID:*** 1913679	211.2	22
	lot 3 con 5 ON ***Well ID:*** 1905697	233.4	24



Map: 0.25 Kilometer Radius

Order Number: 21062400123

Address: 17-1780 3225 Concession Road 5, Parts of Lots 3 and 4, Pickering, ON

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

Source: © 2015 DMTI Spatial Inc.

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79°1'30"W

43°55'30"N

43°55'30"N

Aerial

Year: 2019

Order Number: 21062400123

Address: 17-1780 3225 Concession Road 5, Parts of Lots 3 and 4, Pickering, O

Source: ESRI World Imagery

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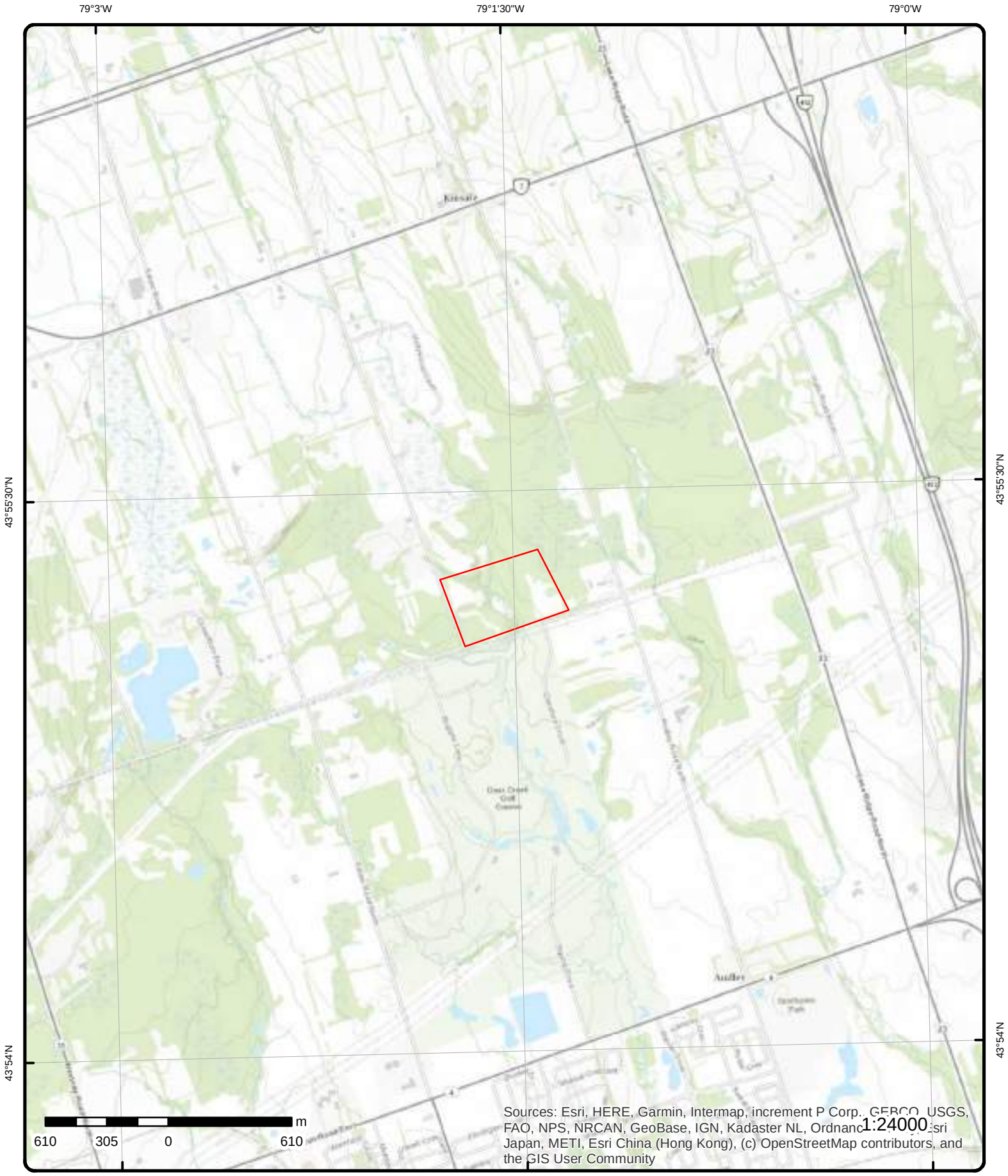

Topographic Map

Order Number: 21062400123

Address: 17-1780 3225 Concession Road 5, Parts of Lots 3 and 4, ON

Source: ESRI World Topographic Map

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ENE/0.0	130.9 / 1.03	3225 Sideline 4 Pickering ON	EHS

Order No:	20170314141	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	23-MAR-17	**Search Radius (km):**	.25
Date Received:	14-MAR-17	**X:**	-79.025537
Previous Site Name:		**Y:**	43.920368
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	E/0.0	134.6 / 4.73	2944 AUDLEY ROAD Ajax ON	WWIS

Well ID:	7291771	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/1/2017
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7360
Casing Material:		**Form Version:**	7
Audit No:	Z265890	**Owner:**	
Tag:	A224693	**Street Name:**	2944 AUDLEY ROAD
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	AJAX TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/04/05
Year Completed:	2017
Depth (m):	6.096
Latitude:	43.9201839131091
Longitude:	-79.0244173302037
Path:	

Bore Hole Information

Bore Hole ID:	1006678901	**Elevation:**	135.030883
DP2BR:		**Elevrc:**	

Spatial Status:		***Zone:***	17
Code OB:		***East83:***	658604.00
Code OB Desc:		***North83:***	4864905.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	05-Apr-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:	1006821964
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	5.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006821963
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006821971
Layer:	1
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006821970
Method Construction Code:	E

Method Construction: Auger
Other Method Construction:

Pipe Information

Pipe ID: 1006821962
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006821968
Layer: 1
Slot: .1
Screen Top Depth: 10
Screen End Depth: 20
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 1006821966
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 4.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006821965
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

3	1 of 1	W/0.0	130.3 / 0.36	3225 GIDELINE 4 lot 4 con 5 LOCUST HILL ON	WWIS

Well ID:	7292847	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/18/2017
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7360
Casing Material:		**Form Version:**	7
Audit No:	Z265884	**Owner:**	
Tag:	A203304	**Street Name:**	3225 GIDELINE 4
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	004
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/04/10
Year Completed: 2017
Depth (m): 3.048
Latitude: 43.9201642052433
Longitude: -79.0274447599582
Path:

Bore Hole Information

Bore Hole ID: 1006713114
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10-Apr-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation: 135.168731
Elevrc:
Zone: 17
East83: 658361.00
North83: 4864897.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006838903
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
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: 1006838904
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006838911
Layer:	1
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006838910
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1006838902
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006838908
Layer:	1
Slot:	.10
Screen Top Depth:	10
Screen End Depth:	15
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	1006838906
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006838905
Diameter:	6.0
Depth From:	0.0
Depth To:	15.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	W/0.0	128.7 / -1.16	lot 4 con 5 ON	WWIS

Well ID:	4601460	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/6/1967
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1413
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	004
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/460\4601460.pdf

Additional Detail(s) (Map)

Well Completed Date:	1967/09/01
Year Completed:	1967
Depth (m):	29.2608
Latitude:	43.9203898504271
Longitude:	-79.0274771609851
Path:	460\4601460.pdf

Bore Hole Information

Bore Hole ID:	10292829	**Elevation:**	134.643417
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	658357.80
Code OB Desc:	Overburden	**North83:**	4864922.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	01-Sep-1967 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:	931945053
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931945054
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 20.0
Formation End Depth: 96.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964601460
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10841399
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930484744
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 96
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 994601460
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate: 30.0
Recommended Pump Rate:

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

Water Details

Water ID:	933763757
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	96.0
Water Found Depth UOM:	ft

5	1 of 1	ENE/0.0	136.6 / 6.70	2944 AUDLEY ROAD Ajax ON	WWIS

Well ID:	7291772	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	8/1/2017
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7360
Casing Material:		**Form Version:**	7
Audit No:	Z265888	**Owner:**	
Tag:	A224740	**Street Name:**	2944 AUDLEY ROAD
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	AJAX TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/04/05
Year Completed:	2017
Depth (m):	6.096
Latitude:	43.9210734503465
Longitude:	-79.0243131475558
Path:	

Bore Hole Information

Bore Hole ID:	1006678904	**Elevation:**	136.994934
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	658610.00
Code OB Desc:		**North83:**	4865004.00
Open Hole:		**Org CS:**	UTM83

Cluster Kind:		***UTMRC:***	4
Date Completed:	05-Apr-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:	1006821973
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006821974
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	5.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006821981
Layer:	1
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006821980
Method Construction Code:	E
Method Construction:	Auger
Other Method Construction:	

Pipe Information

Pipe ID: 1006821972
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006821978
Layer: 1
Slot: .1
Screen Top Depth: 10
Screen End Depth: 20
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

Water ID: 1006821976
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 5.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006821975
Diameter: 6.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

6	1 of 1	WSW/0.0	131.0 / 1.08	3225 SIDELINE 4 lot 4 con 5 LUCUST HILL ON	WWIS

Well ID: 7292854
Construction Date:
Primary Water Use: Monitoring
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z265886
Tag: A224705
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 8/18/2017
Selected Flag: True
Abandonment Rec:
Contractor: 7360
Form Version: 7
Owner:
Street Name: 3225 SIDELINE 4
County: DURHAM
Municipality: PICKERING TOWN
Site Info:
Lot: 004
Concession: 05
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/04/10
Year Completed:	2017
Depth (m):	7.62
Latitude:	43.9198647118323
Longitude:	-79.027828332902
Path:	

Bore Hole Information

Bore Hole ID:	1006713150	***Elevation:***	135.151336
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	658331.00
Code OB Desc:		***North83:***	4864863.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10-Apr-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:	1006839127
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006839126
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
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:	1006839128
Layer:	3
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	7.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006839135
Layer:	1
Plug From:	16
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006839134
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1006839125
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006839132
Layer:	1
Slot:	.10
Screen Top Depth:	17.5
Screen End Depth:	22.5
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	1006839130
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	7.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006839129
Diameter:	6.0
Depth From:	0.0
Depth To:	22.5
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

7	1 of 1	WSW/0.0	131.9 / 1.97	3225 SIDELINE 4 lot 4 con 5 LOCUST HILL ON	WWIS

Well ID:	7292855	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	8/18/2017
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7360
Casing Material:		***Form Version:***	7
Audit No:	Z265885	***Owner:***	
Tag:	A203302	***Street Name:***	3225 SIDELINE 4
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	05
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/04/10
Year Completed:	2017
Depth (m):	7.62
Latitude:	43.919546360897
Longitude:	-79.0281627019706
Path:	

Bore Hole Information

Bore Hole ID:	1006713153	***Elevation:***	134.355300
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	658305.00
Code OB Desc:		***North83:***	4864827.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10-Apr-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:	1006839153
Layer:	3
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006839151
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
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:	1006839152
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006839160
Layer:	1
Plug From:	3
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	1006839159
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1006839150
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006839157
Layer:	1
Slot:	.10
Screen Top Depth:	5
Screen End Depth:	10
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	1006839155
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	7.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006839154
Diameter:	6.0
Depth From:	0.0
Depth To:	10.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

8	*1 of 1*	*W/0.0*	*132.6 / 2.71*	***3225 SIDELINE 4 LOCUST HILL ON***	***WWIS***

Well ID:	7287366	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	5/29/2017
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7472
Casing Material:		***Form Version:***	7
Audit No:	Z259465	***Owner:***	
Tag:	A222970	***Street Name:***	3225 SIDELINE 4
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	

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

Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2017/04/13
Year Completed: 2017
Depth (m): 29.5656
Latitude: 43.920277612178
Longitude: -79.0287987046122
Path:

Bore Hole Information

Bore Hole ID: 1006486909
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 13-Apr-2017 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 136.880996
Elevrc:
Zone: 17
East83: 658252.00
North83: 4864907.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006761606
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 30.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006761607
Layer: 3
Color: 2
General Color: GREY
Mat1: 05

Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	40.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006761608
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	79.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006761605
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006761617
Layer:	2
Plug From:	91
Plug To:	97
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006761616
Layer:	1
Plug From:	0
Plug To:	91
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	1006761615
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	BORING

Pipe Information

Pipe ID:	1006761604
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006761613
Layer:	1
Slot:	10
Screen Top Depth:	92
Screen End Depth:	97
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.5

Water Details

Water ID:	1006761611
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006761609
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1006761610
Diameter:	4.0
Depth From:	20.0
Depth To:	97.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

9	***1 of 1***	***E/0.0***	***136.9 / 7.00***	***2944 AUDLEY ROAD Ajax ON***	***WWIS***

Well ID:	7291770	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring	***Date Received:***	8/1/2017
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Observation Wells	***Abandonment Rec:***	

Water Type:		***Contractor:***	7360
Casing Material:		***Form Version:***	7
Audit No:	Z265889	***Owner:***	
Tag:	A224690	***Street Name:***	2944 AUDLEY ROAD
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	AJAX TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2017/04/05
Year Completed:	2017
Depth (m):	6.096
Latitude:	43.9199270768904
Longitude:	-79.0225823700595
Path:	

Bore Hole Information

Bore Hole ID:	1006678898	***Elevation:***	136.681518
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	658752.00
Code OB Desc:		***North83:***	4864880.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	05-Apr-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:	1006821953
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006821954
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	5.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006821961
Layer:	1
Plug From:	8
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006821960
Method Construction Code:	E
Method Construction:	Auger
Other Method Construction:	

Pipe Information

Pipe ID:	1006821952
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006821958
Layer:	1
Slot:	.1
Screen Top Depth:	10
Screen End Depth:	20
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	1006821956
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	4.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006821955
Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

10	1 of 1	WNW/49.7	132.9 / 2.97	SDLM 4 lot 4 con 5 PICKERING ON	WWIS

Well ID:	7251326	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	11/2/2015
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5459
Casing Material:		***Form Version:***	7
Audit No:	Z210517	***Owner:***	
Tag:	A102850	***Street Name:***	SDLM 4
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	05
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7251326.pdf

Additional Detail(s) (Map)

Well Completed Date:	2015/10/15
Year Completed:	2015
Depth (m):	28.956
Latitude:	43.921670009184
Longitude:	-79.029138855651
Path:	725\7251326.pdf

Bore Hole Information

Bore Hole ID:	1005775218	***Elevation:***	137.806457
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	658221.00
Code OB Desc:		***North83:***	4865061.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	15-Oct-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:			

Overburden and Bedrock Materials Interval

Formation ID:	1005800172
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	30.0
Formation End Depth:	81.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005800171
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005800173
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	81.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005800206
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	1005800205
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	1005800169
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1005800177
Layer:	1
Slot:	10
Screen Top Depth:	84
Screen End Depth:	95
Screen Material:	1
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6

Results of Well Yield Testing

Pump Test ID:	1005800170
Pump Set At:	80.0
Static Level:	-2.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	10.0
Flowing Rate:	0.5
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Yes

Draw Down & Recovery

Pump Test Detail ID:	1005800186
Test Type:	Draw Down
Test Duration:	5
Test Level:	6.900000095367432
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005800189
Test Type:	Recovery
Test Duration:	10
Test Level:	0.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 1005800193
Test Type: Recovery
Test Duration: 20
Test Level: 1.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800195
Test Type: Recovery
Test Duration: 25
Test Level: 1.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800180
Test Type: Draw Down
Test Duration: 2
Test Level: 6.199999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800182
Test Type: Draw Down
Test Duration: 3
Test Level: 6.599999904632568
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800187
Test Type: Recovery
Test Duration: 5
Test Level: 1.399999976158142
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800200
Test Type: Draw Down
Test Duration: 50
Test Level: 7.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800201
Test Type: Recovery
Test Duration: 50
Test Level: 2.0999999046325684
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800203
Test Type: Recovery

Test Duration: 60
Test Level: 2.0999999046325684
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800181
Test Type: Recovery
Test Duration: 2
Test Level: 2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800185
Test Type: Recovery
Test Duration: 4
Test Level: 1.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800191
Test Type: Recovery
Test Duration: 15
Test Level: 0.6000000238418579
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800198
Test Type: Draw Down
Test Duration: 40
Test Level: 7.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800202
Test Type: Draw Down
Test Duration: 60
Test Level: 7.900000095367432
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800183
Test Type: Recovery
Test Duration: 3
Test Level: 1.7000000476837158
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800184
Test Type: Draw Down
Test Duration: 4
Test Level: 6.800000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800196
Test Type: Draw Down
Test Duration: 30
Test Level: 7.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800199
Test Type: Recovery
Test Duration: 40
Test Level: 2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800190
Test Type: Draw Down
Test Duration: 15
Test Level: 7.400000095367432
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800179
Test Type: Recovery
Test Duration: 1
Test Level: 2.700000047683716
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800188
Test Type: Draw Down
Test Duration: 10
Test Level: 7.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800192
Test Type: Draw Down
Test Duration: 20
Test Level: 7.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800178
Test Type: Draw Down
Test Duration: 1
Test Level: 5.300000190734863
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005800194

Test Type:	Draw Down
Test Duration:	25
Test Level:	7.599999904632568
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005800197
Test Type:	Recovery
Test Duration:	30
Test Level:	1.7000000476837158
Test Level UOM:	ft

Water Details

Water ID:	1005800175
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	95.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005800174
Diameter:	6.0
Depth From:	95.0
Depth To:	0.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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11 ***1 of 1*** ***NW/62.4*** ***131.4 / 1.50*** ***lot 4 con 5 ON*** ***WWIS***

Well ID:	4601459	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Public	***Date Received:***	8/24/1965
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2306
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	05
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/460\4601459.pdf

Additional Detail(s) (Map)

Well Completed Date:	1965/08/17
Year Completed:	1965
Depth (m):	21.6408

Latitude: 43.922237307213
Longitude: -79.0286218682189
Path: 460\4601459.pdf

Bore Hole Information

Bore Hole ID:	10292828	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	658261.00
Code OB Desc:	Overburden	**North83:**	4865125.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	17-Aug-1965 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931945049
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931945051
Layer: 3
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931945050
Layer: 2
Color: 3

General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931945052
Layer:	4
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	60.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964601459
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10841398
Casing No:	1
Comment:	
Alt Name:	

Results of Well Yield Testing

Pump Test ID:	994601459
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	50.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

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

Water Details

Water ID:	933763756
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	71.0
Water Found Depth UOM:	ft

12	1 of 1	S/92.7	123.8 / -6.06	TRANS-NORTHERN PIPELINES INC./ PIPELINES TRANS-NORD INC. ON	EASR

Approval No:	R-009-5110104083	***SWP Area Name:***	Toronto
Status:	REGISTERED	***MOE District:***	York-Durham
Date:	2017-03-29	***Municipality:***	
Record Type:	EASR	***Latitude:***	43.91777778
Link Source:	MOFA	***Longitude:***	-79.02583333
Project Type:	Water Taking - Construction Dewatering	***Geometry X:***	
Full Address:		***Geometry Y:***	
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2032932		

13	1 of 1	WSW/115.0	130.1 / 0.20	lot 5 con 5 ON	WWIS

Well ID:	1905108	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/16/1978
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4743
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	005
Well Depth:		***Concession:***	05
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/190\1905108.pdf

Additional Detail(s) (Map)

Well Completed Date:	1978/08/16
Year Completed:	1978
Depth (m):	24.384
Latitude:	43.9186406515746
Longitude:	-79.0299388936822
Path:	190\1905108.pdf

Bore Hole Information

Bore Hole ID:	10073959	***Elevation:***	131.938125

DP2BR:	79.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	658164.80
Code OB Desc:	Bedrock	***North83:***	4864723.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	16-Aug-1978 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:	931155596
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931155594
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931155595
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0

Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931155597
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	79.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961905108
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10622529
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930131660
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	79
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991905108
Pump Set At:	
Static Level:	
Final Level After Pumping:	40.0
Recommended Pump Depth:	15.0
Pumping Rate:	10.0
Flowing Rate:	5.0
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2

Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Yes

Water Details

Water ID:	933515643
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79.0
Water Found Depth UOM:	ft

14	1 of 2	WSW/130.0	127.0 / -2.93	lot 5 con 5 ON	WWIS

Well ID:	1914543	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Irrigation	**Date Received:**	6/12/2000
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1413
Casing Material:		**Form Version:**	1
Audit No:	214730	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1914543.pdf

Additional Detail(s) (Map)

Well Completed Date:	2000/05/11
Year Completed:	2000
Depth (m):	29.5656
Latitude:	43.9178361093344
Longitude:	-79.0297512165823
Path:	191\1914543.pdf

Bore Hole Information

Bore Hole ID:	10083134	**Elevation:**	126.929672
DP2BR:	77.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	658182.00
Code OB Desc:	Bedrock	**North83:**	4864634.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11-May-2000 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931197769
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	37.0
Formation End Depth:	77.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931197768
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931197770
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	70
Mat3 Desc:	FOSILIFEROUS
Formation Top Depth:	77.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931197767
Layer:	1
Color:	6
General Color:	BROWN

Mat1:	28
Most Common Material:	SAND
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933125202
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961914543
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10631704
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930141133
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	77
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991914543
Pump Set At:	
Static Level:	
Final Level After Pumping:	70.0
Recommended Pump Depth:	70.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1

Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934929413
Test Type: Draw Down
Test Duration: 60
Test Level: 70.0
Test Level UOM: ft

Water Details

Water ID: 933524875
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 97.0
Water Found Depth UOM: ft

14	2 of 2	WSW/130.0	127.0 / -2.93	lot 6 con 5 ON	WWIS

Well ID:	1912924	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/13/1996
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	6874
Casing Material:		**Form Version:**	1
Audit No:	165215	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1912924.pdf

Additional Detail(s) (Map)

Well Completed Date: 1996/07/23
Year Completed: 1996
Depth (m):
Latitude: 43.9178361093344
Longitude: -79.0297512165823
Path: 191\1912924.pdf

Bore Hole Information

Bore Hole ID:	10081543	**Elevation:**	126.929672
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	_	**East83:**	658182.00
Code OB Desc:	No formation data	**North83:**	4864634.00

Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	23-Jul-1996 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	961912924
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10630113
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930139543
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	24
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991912924
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	24.0
Recommended Pump Depth:	23.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934131652
Test Type:	
Test Duration:	15

Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934680051
Test Type:	
Test Duration:	45
Test Level:	21.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934403284
Test Type:	
Test Duration:	30
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934933724
Test Type:	
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933523464
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	
Water Found Depth UOM:	ft

15	1 of 1	ESE/147.6	134.9 / 4.96	lot 3 con 2 ON	WWIS

Well ID:	1912286	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/11/1995
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5459
Casing Material:		**Form Version:**	1
Audit No:	141574	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	AJAX TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1912286.pdf

Additional Detail(s) (Map)

Well Completed Date:	1994/12/22
Year Completed:	1994
Depth (m):	28.956
Latitude:	43.9189749102629
Longitude:	-79.0201103365766
Path:	191\1912286.pdf

Bore Hole Information

Bore Hole ID:	10080906	***Elevation:***	134.363510
DP2BR:	93.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	658953.00
Code OB Desc:	Bedrock	***North83:***	4864779.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	22-Dec-1994 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931188802
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	89.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931188801
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:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931188803
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	89.0
Formation End Depth:	93.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931188804
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	93.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933122557
Layer:	1
Plug From:	0
Plug To:	19
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961912286
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10629476
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930138890
Layer:	1
Material:	1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	90
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933333037
Layer:	1
Slot:	014
Screen Top Depth:	90
Screen End Depth:	93
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6

Results of Well Yield Testing

Pump Test ID:	991912286
Pump Set At:	
Static Level:	
Final Level After Pumping:	90.0
Recommended Pump Depth:	80.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934138732
Test Type:	
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934931487
Test Type:	
Test Duration:	60
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934678376
Test Type:	
Test Duration:	45
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934410377
Test Type:	
Test Duration:	30
Test Level:	90.0
Test Level UOM:	ft

Water Details

Water ID:	933522866
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	90.0
Water Found Depth UOM:	ft

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16 ***1 of 12*** ***WNW/159.2*** ***138.7 / 8.82*** ***LLOYD'S LANDSCAPING LIMITED*** ***PES***
3330 BALSAM RD
PICKERING ON L1X2W4

Detail Licence No:	02-01-00395-0	***Operator Box:***	
Licence No:	00395	***Operator Class:***	
Status:		***Operator No:***	
Approval Date:		***Operator Type:***	
Report Source:	Legacy Licenses (Excluding TS)	***Oper Area Code:***	905
Licence Type:	Operator	***Oper Phone No:***	6192757
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 Link:			

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16 ***2 of 12*** ***WNW/159.2*** ***138.7 / 8.82*** ***LLOYD'S LANDSCAPING LTD*** ***PES***
3330 BALSAM RD
PICKERING ON L1X 2W4

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 Link:			

16	3 of 12	WNW/159.2	138.7 / 8.82	LLOYD'S LANDSCAPING LTD. 3330 BALSAM ROAD PICKERING ON L1X 2W4	GEN

Generator No:	ON0780701	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2009	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

16	4 of 12	WNW/159.2	138.7 / 8.82	LLOYD'S LANDSCAPING LTD. 3330 BALSAM ROAD PICKERING ON L1X 2W4	GEN

Generator No:	ON0780701	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2010	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

16	5 of 12	WNW/159.2	138.7 / 8.82	LLOYD'S LANDSCAPING LTD. 3330 BALSAM ROAD PICKERING ON L1X 2W4	GEN

Generator No:	ON0780701	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	6 of 12	WNW/159.2	138.7 / 8.82	LLOYD'S LANDSCAPING LTD 3330 BALSAM RD PICKERING ON L1X 2W4	PES

Detail Licence No:	02-01-06816-0	**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 Link:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	7 of 12	WNW/159.2	138.7 / 8.82	LLOYD'S LANDSCAPING LTD. 3330 BALSAM ROAD PICKERING ON L1X 2W4	GEN

Generator No:	ON0780701	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2012	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

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

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	8 of 12	WNW/159.2	138.7 / 8.82	LLOYD'S LANDSCAPING LTD. 3330 BALSAM ROAD PICKERING ON	GEN

Generator No:	ON0780701	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	561730		
SIC Description:	LANDSCAPING SERVICES		

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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

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16 | **9 of 12** | **WNW/159.2** | **138.7 / 8.82** | **LLOYD'S LANDSCAPING LTD.**
3330 BALSAM ROAD
PICKERING ON L1X 2W4 | **GEN**

Generator No: ON0780701
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 561730
SIC Description: LANDSCAPING SERVICES

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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16 | **10 of 12** | **WNW/159.2** | **138.7 / 8.82** | **LLOYD'S LANDSCAPING LTD.**
3330 BALSAM ROAD
PICKERING ON L1X 2W4 | **GEN**

Generator No: ON0780701
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 561730
SIC Description: LANDSCAPING SERVICES

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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16 | **11 of 12** | **WNW/159.2** | **138.7 / 8.82** | **LLOYD'S LANDSCAPING LTD.**
3330 BALSAM ROAD
PICKERING ON L1X 2W4 | **GEN**

Generator No: ON0780701
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 561730
SIC Description: LANDSCAPING SERVICES

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

Detail(s)

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

Waste Class: 213

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

Waste Class Desc: PETROLEUM DISTILLATES

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16 | **12 of 12** | **WNW/159.2** | **138.7 / 8.82** | **LLOYD'S LANDSCAPING LIMITED**
3330 BALSAM RD
PICKERING ON L1X2W4 | **PES**

Detail Licence No:		**Operator Box:**	
Licence No:	00395	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Operator	**Oper Phone No:**	6192757
Licence Type Code:	01	**Operator Ext:**	
Licence Class:	06	**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 Link:			

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17 | **1 of 1** | **WSW/161.9** | **132.2 / 2.25** | **lot 5 con 5**
ON | **WWIS**

Well ID:	4604132	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/25/1969
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3102
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/460\4604132.pdf

Additional Detail(s) (Map)

Well Completed Date:	1969/07/24
Year Completed:	1969
Depth (m):	8.5344
Latitude:	43.9186513846265
Longitude:	-79.0305613173717
Path:	460\4604132.pdf

Bore Hole Information

Bore Hole ID:	10295474	**Elevation:**	133.057022
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	658114.80
Code OB Desc:	Overburden	**North83:**	4864723.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	24-Jul-1969 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:	931955512
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931955511
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964604132
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10844044
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930487712
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	28
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994604132
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	18.0
Recommended Pump Depth:	20.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934778609
Test Type:	Recovery
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934248748
Test Type:	Recovery
Test Duration:	15
Test Level:	18.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934523096
Test Type:	Recovery
Test Duration:	30
Test Level:	14.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935038565

Test Type:	Recovery
Test Duration:	60
Test Level:	10.0
Test Level UOM:	ft

Water Details

Water ID:	933766404
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 3	ESE/162.8	134.8 / 4.88	2944 Audley Road Ajax ON L1S 4S7	CA

Certificate #:	2025-4LGPM8
Application Year:	00
Issue Date:	7/13/00
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Abdul Majid Khan in Trust
Client Address:	2944 Audley Road
Client City:	Ajax
Client Postal Code:	L1S 4S7
Project Description:	This is an application for Municipal and Private Sewage Works Certificate of Approval to install a septic system to service a school and a proposed place of worship.
Contaminants:	
Emission Control:	Ultrafiltration

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	2 of 3	ESE/162.8	134.8 / 4.88	Jaamiah-Al-Uloom Al-Islamiyyah Ontario 2944 Audley Rd Ajax ON L1S 4S7	ECA

Approval No:	3599-8D4K3F	**MOE District:**	York-Durham
Approval Date:	2012-02-15	**City:**	
Status:	Approved	**Longitude:**	-79.02058
Record Type:	ECA	**Latitude:**	43.91899
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Central Lake Ontario	**Geometry Y:**	

Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name:	Jaamiah-Al-Uloom Al-Islamiyyah Ontario
Address:	2944 Audley Rd
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3648-8APHAX-14.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	3 of 3	ESE/162.8	134.8 / 4.88	Abdul Majid Khan in Trust 2944 Audley Road Ajax ON L1S 4S7	ECA

Approval No:	2025-4LGPM8	**MOE District:**	York-Durham
Approval Date:	2000-07-13	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-79.02058
Record Type:	ECA	**Latitude:**	43.91899
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Central Lake Ontario	**Geometry Y:**	

Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS

Business Name: Abdul Majid Khan in Trust
Address: 2944 Audley Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8176-4KFNLM-14.pdf

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19 | **1 of 1** | **WSW/190.3** | **131.8 / 1.91** | **lot 7 con 5 PICKERING ON** | **WWIS**

Well ID:	7054352	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	1/3/2008
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5459
Casing Material:		**Form Version:**	4
Audit No:	Z61055	**Owner:**	
Tag:	A061114	**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	007
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/705\7054352.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/10/30
Year Completed: 2007
Depth (m): 32.3088
Latitude: 43.9184491019995
Longitude: -79.0308395223997
Path: 705\7054352.pdf

Bore Hole Information

Bore Hole ID:	23054352	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	658096.00
Code OB Desc:		**North83:**	4864684.00
Open Hole:	Yes	**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	30-Oct-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001515233
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	52.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1001515232
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	20.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1001515235
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	88.0
Formation End Depth:	106.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1001515234
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	34
Mat2 Desc:	TILL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	65.0
Formation End Depth:	88.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1001515231
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1001515237
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1001515255
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 1001515229
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1001515240
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001515230
Pump Set At:
Static Level: 1.0
Final Level After Pumping: 41.0

Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1001515251
Test Type:	Draw Down
Test Duration:	40
Test Level:	37.5
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1001515241
Test Type:	Draw Down
Test Duration:	1
Test Level:	10.300000190734863
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1001515250
Test Type:	Draw Down
Test Duration:	30
Test Level:	32.29999923706055
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1001515243
Test Type:	Draw Down
Test Duration:	3
Test Level:	12.899999618530273
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1001515246
Test Type:	Draw Down
Test Duration:	10
Test Level:	21.299999237060547
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1001515245
Test Type:	Draw Down
Test Duration:	5
Test Level:	16.299999237060547
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 1001515247
Test Type: Draw Down
Test Duration: 15
Test Level: 25.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1001515242
Test Type: Draw Down
Test Duration: 2
Test Level: 12.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1001515248
Test Type: Draw Down
Test Duration: 20
Test Level: 28.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1001515252
Test Type: Draw Down
Test Duration: 50
Test Level: 37.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1001515253
Test Type: Draw Down
Test Duration: 60
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1001515244
Test Type: Draw Down
Test Duration: 4
Test Level: 14.399999618530273
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1001515249
Test Type: Draw Down
Test Duration: 25
Test Level: 30.600000381469727
Test Level UOM: ft

Water Details

Water ID: 1001515238

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	106.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1001515236
Diameter:	7.0
Depth From:	
Depth To:	106.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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20 | **1 of 1** | **ENE/208.9** | **137.9 / 8.01** | **lot 20 con 3 ON** | **WWIS**

Well ID:	1912365	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/23/1995
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1673
Casing Material:		**Form Version:**	1
Audit No:	104032	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	020
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1912365.pdf

Additional Detail(s) (Map)

Well Completed Date:	1993/06/29
Year Completed:	1993
Depth (m):	29.5656
Latitude:	43.9229342657579
Longitude:	-79.0210253214471
Path:	191\1912365.pdf

Bore Hole Information

Bore Hole ID:	10080985	**Elevation:**	137.253890
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	658869.00
Code OB Desc:	Overburden	**North83:**	4865217.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	29-Jun-1993 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID:	931189128
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931189129
Layer:	3
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	85.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931189127
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933122636
Layer:	1

Plug From:	0
Plug To:	6
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933122637
Layer:	2
Plug From:	6
Plug To:	15
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961912365
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10629555
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930138974
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	94
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930138973
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	90
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933333073
Layer:	1
Slot:	014
Screen Top Depth:	94
Screen End Depth:	97
Screen Material:	
Screen Depth UOM:	ft

Screen Diameter UOM:	inch
Screen Diameter:	6

Results of Well Yield Testing

Pump Test ID:	991912365
Pump Set At:	
Static Level:	2.0
Final Level After Pumping:	23.0
Recommended Pump Depth:	60.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934679415
Test Type:	Draw Down
Test Duration:	45
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934931970
Test Type:	Draw Down
Test Duration:	60
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934410859
Test Type:	Draw Down
Test Duration:	30
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934131003
Test Type:	Draw Down
Test Duration:	15
Test Level:	23.0
Test Level UOM:	ft

Water Details

Water ID:	933522946
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97.0

Water Found Depth UOM: ft

21	1 of 1	WNW/210.5	139.3 / 9.40	lot 5 con 5 ON	WWIS

Well ID:	1906685	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/21/1983
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4743
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/190\1906685.pdf

Additional Detail(s) (Map)

Well Completed Date:	1983/07/15
Year Completed:	1983
Depth (m):	29.8704
Latitude:	43.9226235166281
Longitude:	-79.0311776174331
Path:	190\1906685.pdf

Bore Hole Information

Bore Hole ID:	10075359	**Elevation:**	139.245727
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	658054.80
Code OB Desc:	Overburden	**North83:**	4865163.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	15-Jul-1983 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:	931162045
Layer:	1
Color:	5
General Color:	YELLOW

Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931162048
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	62
Mat2 Desc:	CLEAN
Mat3:	
Mat3 Desc:	
Formation Top Depth:	93.0
Formation End Depth:	98.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931162046
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	86
Mat2 Desc:	STICKY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931162047
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75.0
Formation End Depth:	93.0
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961906685
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10623929
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930133150
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	95
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933330306
Layer:	1
Slot:	016
Screen Top Depth:	95
Screen End Depth:	98
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6

Results of Well Yield Testing

Pump Test ID:	991906685
Pump Set At:	
Static Level:	
Final Level After Pumping:	20.0
Recommended Pump Depth:	25.0
Pumping Rate:	20.0
Flowing Rate:	2.0
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	Yes

Draw Down & Recovery

Pump Test Detail ID:	934402964
Test Type:	Draw Down
Test Duration:	30

Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934129818
Test Type:	Draw Down
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934671173
Test Type:	Draw Down
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934923365
Test Type:	Draw Down
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933517209
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	93.0
Water Found Depth UOM:	ft

22	1 of 1	ENE/211.2	137.9 / 7.97	lot 3 con 5 ON	WWIS

Well ID:	1913679	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	7/21/1998
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2662
Casing Material:		**Form Version:**	1
Audit No:	188177	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1913679.pdf

Additional Detail(s) (Map)

Well Completed Date:	1998/05/14
Year Completed:	1998
Depth (m):	26.8224
Latitude:	43.9229246204525
Longitude:	-79.0209882719592
Path:	191\1913679.pdf

Bore Hole Information

Bore Hole ID:	10082270	***Elevation:***	137.190490
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	658872.00
Code OB Desc:	Overburden	***North83:***	4865216.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	14-May-1998 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931194226
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931194228
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	12.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931194230
Layer:	5
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	
Mat3 Desc:	
Formation Top Depth:	83.0
Formation End Depth:	88.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931194229
Layer:	4
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	81
Mat3 Desc:	SANDY
Formation Top Depth:	80.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931194227
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	1.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933124277
Layer:	1
Plug From:	0
Plug To:	12
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961913679
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10630840
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930140260
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	80
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933333766
Layer:	1
Slot:	018
Screen Top Depth:	77
Screen End Depth:	81
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6

Results of Well Yield Testing

Pump Test ID:	991913679
Pump Set At:	
Static Level:	2.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	70.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934935874
Test Type:	Recovery
Test Duration:	60
Test Level:	2.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934133332
Test Type:	Recovery
Test Duration:	15
Test Level:	2.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934681159
Test Type:	Recovery
Test Duration:	45
Test Level:	2.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934414157
Test Type:	Recovery
Test Duration:	30
Test Level:	2.0
Test Level UOM:	ft

Water Details

Water ID:	933524118
Layer:	1
Kind Code:	6
Kind:	GAS
Water Found Depth:	84.0
Water Found Depth UOM:	ft

23	1 of 1	SW/227.5	127.1 / -2.79	10 BUNHILL COURT AJAX ON L1Z 1X5	HINC

External File Num:	FS INC 0807-03626
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	6/21/2008
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Private Dwelling
Service Interruptions:	Yes
Property Damage:	No
Fuel Life Cycle Stage:	Utilization
Root Cause:	Root Cause: Equipment/Material/Component:N/A Procedures:Yes Maintenance:N/A Design:N/A Training: N/A Management:Yes Human Factors:Y
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
24	1 of 1	E/233.4	133.9 / 4.02	lot 3 con 5 ON	WWIS

Well ID:	1905697	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	4/16/1980
Sec. Water Use:	Domestic	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2651
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	003
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/190\1905697.pdf

Additional Detail(s) (Map)

Well Completed Date:	1979/07/17
Year Completed:	1979
Depth (m):	33.528
Latitude:	43.9204329684036
Longitude:	-79.0190430717102
Path:	190\1905697.pdf

Bore Hole Information

Bore Hole ID:	10074523	**Elevation:**	135.156494
DP2BR:	96.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	659034.80
Code OB Desc:	Bedrock	**North83:**	4864943.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-Jul-1979 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:	931158160
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28

Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931158162
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	42.0
Formation End Depth:	88.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931158164
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	96.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931158163
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	88.0
Formation End Depth:	96.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931158161

Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	19.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961905697
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10623093
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930132258
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	96
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991905697
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	105.0
Pumping Rate:	25.0
Flowing Rate:	4.0
Recommended Pump Rate:	25.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	30
Flowing:	Yes

Water Details

Water ID:	933516250

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	106.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: 9 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	RUNNYMEDE DEVELOPMENT CORPORATION LIMITE	AUDLEY RD/HOLLOWAY DR/HOILE DR	AJAX TOWN ON	
CA	COUGS INVESTMENTS LTD.	BUGGEY LANE	AJAX TOWN ON	L1S 4S7
CA	RUNNYMEDE DEVELOPMENT CORPORATION LIMITE	AUDLEY RD/HOLLOWAY DR/HOILE DR	AJAX TOWN ON	
CA	Ballymore Development (Shoal Point) Corp.	Part of Lot 4	Ajax ON	
PTTW	Deer Creek Golf and Country Estates	Concession 4, Lots 3,4,5, Town of Ajax TOWN OF AJAX	ON	
SPL	407 East Development Group	West of Sideline 4 (Balsam Rd)	Ajax ON	
WWIS		lot 5	ON	
WWIS		lot 5 con 4	ON	
WWIS		BALSAM RD lot 4 con 5	PICKERING ON	

Unplottable Report

Site: ***RUNNYMEDE DEVELOPMENT CORPORATION LIMITE***
AUDLEY RD/HOLLOWAY DR/HOILE DR AJAX TOWN ON

Database: ***CA***

Certificate #:	3-1187-99-
Application Year:	99
Issue Date:	10/1/1999
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***COUGS INVESTMENTS LTD.***
BUGGEY LANE AJAX TOWN ON L1S 4S7

Database: ***CA***

Certificate #:	7-0694-88-
Application Year:	88
Issue Date:	5/27/1988
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***RUNNYMEDE DEVELOPMENT CORPORATION LIMITE***
AUDLEY RD/HOLLOWAY DR/HOILE DR AJAX TOWN ON

Database: ***CA***

Certificate #:	7-0812-99-
Application Year:	99
Issue Date:	10/1/1999
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Ballymore Development (Shoal Point) Corp.***
Part of Lot 4 Ajax ON

Database: ***CA***

Certificate #:	2038-66TQC9

Application Year:	2004
Issue Date:	11/18/2004
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Deer Creek Golf and Country Estates***
Concession 4, Lots 3,4,5, Town of Ajax TOWN OF AJAX ON

Database: ***PTTW***

EBR Registry No:	IA00E1143	***Decision Posted:***	
Ministry Ref No:	00-P3045	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	May 13, 2003	***Act 2:***	
Proposal Date:	July 12, 2000	***Site Location Map:***	
Year:	2000		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Deer Creek Golf and Country Estates		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	27 Buggey Lane, Ajax Ontario, L1S 4S7		
Comment Period:			
URL:			

Site Location Details:

Concession 4, Lots 3,4,5, Town of Ajax TOWN OF AJAX

Site: ***407 East Development Group***
West of Sideline 4 (Balsam Rd) Ajax ON

Database: ***SPL***

Ref No:	7564-9D2J58	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2013/11/01	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Operator/Human error	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:	27	***Nearest Watercourse:***	
Contaminant Name:	OIL ADDITIVES	***Site Address:***	West of Sideline 4 (Balsam Rd)
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Possible	***Site Municipality:***	Ajax
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	No Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2013/11/01	***Site Map Datum:***	
Dt Document Closed:	2014/01/31	***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	Hwy 407 expansion<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	407 E Construction - <1L engine oil to soil.		

Contaminant Qty: 1 L

Site:
lot 5 ON

Database: ***WWIS***

Well ID:	1915778	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	5/16/2002
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	6418
Casing Material:		***Form Version:***	1
Audit No:	213189	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	005
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10524440	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	24-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:	961915778
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11073010
Casing No:	1
Comment:	
Alt Name:	

Site:
lot 5 con 4 ON

Database: ***WWIS***

Well ID:	1916626	***Data Entry Status:***	
Construction Date:		***Data Src:***	1

Primary Water Use:	Domestic	***Date Received:***	7/9/2003
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	7156
Casing Material:		***Form Version:***	1
Audit No:	255093	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	005
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10543610	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	30-Jun-2003 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:			

Overburden and Bedrock Materials Interval

Formation ID:	932926281
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	99.0
Formation End Depth:	128.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932926280
Layer:	4
Color:	2
General Color:	GREY
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	73
Mat2 Desc:	HARD
Mat3:	

Mat3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 99.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932926277
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932926278
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 1.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932926279
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 05
Mat2 Desc: CLAY
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 55.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932926282
Layer: 6
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL

Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	128.0
Formation End Depth:	135.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933241314
Layer:	1
Plug From:	0
Plug To:	10
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961916626
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11092180
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930142970
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933405902
Layer:	1
Slot:	012
Screen Top Depth:	131
Screen End Depth:	135
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5

Results of Well Yield Testing

Pump Test ID:	991916626
Pump Set At:	
Static Level:	57.0
Final Level After Pumping:	78.0
Recommended Pump Depth:	120.0
Pumping Rate:	71.0

Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934679588
Test Type:	Recovery
Test Duration:	45
Test Level:	57.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934933882
Test Type:	Recovery
Test Duration:	60
Test Level:	57.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934411486
Test Type:	Recovery
Test Duration:	30
Test Level:	58.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934131670
Test Type:	Recovery
Test Duration:	15
Test Level:	67.0
Test Level UOM:	ft

Water Details

Water ID:	934037467
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	135.0
Water Found Depth UOM:	ft

Site:
BALSAM RD lot 4 con 5 PICKERING ON

Database:
WWIS

Well ID:	7054348	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	1/3/2008
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5459
Casing Material:		***Form Version:***	4
Audit No:	Z61067	***Owner:***	
Tag:	A064958	***Street Name:***	BALSAM RD

Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	004
Well Depth:		***Concession:***	05
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	23054348	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	16-Nov-2007 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:			

Overburden and Bedrock Materials Interval

Formation ID:	1001515121
Layer:	1
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001515122
Layer:	1
Plug From:	75
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001515125
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID: 1001515119
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1001515124
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001515120
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 1001515123
Layer: 1
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

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 2018

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: Jul 31, 2020

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-Dec 31, 2020

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 2021

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-Nov 2020

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-Apr 30, 2021

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: Jul 31, 2020

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-May 31, 2021

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-Apr 30, 2021

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- May 31, 2021

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-Jan 31, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: Jul 31, 2020

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 2021

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: Jul 31, 2020

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-Apr 30, 2021

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 in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

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: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

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, 2019

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-Mar 31, 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-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

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-Apr 30, 2021

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-May 31, 2021

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: Oct 31, 2020

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-Apr 30, 2021

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, 1992-2018

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-May 2021

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-Dec 31, 2020

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.

Government Publication Date: 1988-Aug 2020

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, 2018

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

Variances 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: Jul 31, 2020

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-May 31, 2021

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: Apr 30, 2021

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 E

Ministry of the Environment
Freedom of Information and Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto, ON M4V 1M2
Tel: 416-314-4075
Fax: 416-314-4285

Ontario

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is 416- 314-4285.

Requester Data			**For Ministry Use Only**	
Name, Title, Company Name and Mailing Address of Requester Talent Huang GeoPro Consulting Limited 40 Vogell Road, Richmond Hill, ON L4B 3N6 Email Address:talent@geoproconsulting.ca			FOI Request No.	Date Request Received
			Fee Paid ☐ CHQ ☒ VISA/MC/AMEX ☐ CASH/MONEY ORDER	
Tel:905-237-8336 Fax: 905-248-3699	Your Project/ Reference No. 17-1780GHE	Signature of Requester	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ IEB ☐ EAA ☐ EMR ☐ SCB ☐ SDW	

Request Parameters

Municipal Address/Lot, Concession, Geographic Township **(Municipal address mandatory for cities, towns or regions)**

Part of Lots 3 and 4 Concession 5, Pickering (3225 Balsam Road, Locust Hill)

Present Property Owner(s) and Date(s) of Ownership

869547 Ontario Inc.

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s) (if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	All years
Orders	All years
Spills	All years
Investigations/prosecutions ▸ ***Owner and tenant information must be provided***	All years
Waste Generator number/classes	All years

Certificates of Approval ▸ Proponent information must be provided and Certificates of Approval number(s) (if known). 1985 and prior records are searched manually. **Search fees in excess of $300.00** may be incurred, depending on the types and years of records to be searched. **If supporting documents are also required, mark SD box**.

		SD	**Specify Year(s) Requested**
Air - *emissions*		X	All years
Renewable Energy		X	All years
Water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		X	All years
Sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		X	All years
Waste water - *industrial discharge*		X	All years
Waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*		X	All years
Waste systems	*- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction*	X	All years

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

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

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél.: (416) 314-4075
Téléc.: (416) 314-4285

Ontario

March 29, 2017

Talent Huang
GeoPro Consulting Limited
40 Vogell Road, Unit 57
Richmond Hill, ON L4B 3N6

Dear Talent Huang:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-02168, Your Reference 17-1780GHE

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of $5.00 (non-refundable application fee), along with your $30.00 deposit.

The search is being conducted on the following: 3225 Balsam Rd, Locust Hill (Lots 3 & 4, Con 5, Pickering). If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search, copying and preparation time.

If you have any questions regarding this matter, please contact Jeneska Abano at jeneska.abano@ontario.ca.

Yours truly,

For

Janet Dadufalza
FOI Manager

Ministry of the Environment and Climate Change

Freedom of Information and Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de l'Action en matière de changement climatique

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

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

April 18, 2017

Talent Huang
GeoPro Consulting Limited
40 Vogell Road, Unit 57
Richmond Hill, ON L4B 3N6

Dear Talent Huang:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2017-02168, Your Reference 17-1780GHE

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 3225 Balsam Rd, Locust Hill (Lots 3 & 4, Con 5, Pickering).

After a thorough search through the files of the Ministry's York-Durham District Office, Investigations and Enforcement Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is $30.00 for 1 hour of search time @ $30.00 per hour. **We have applied the $30.00 for this request from your initial payment.**

To conduct a search through the files of the Environmental Approvals Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Approvals Branch (EAB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of $240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website http://www.ontario.ca/environment-and-energy/freedom-information-request-form-credit-card-form. Please note, a request for records must usually be answered within 30 calendar days, however Section 27 allows for time extensions under certain circumstances. If you choose to have the search conducted at the Environmental Approvals Branch, the time for answering your request will be extended for an additional 30 days.

When remitting payment please quote our file number or attach a copy of this letter.

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Kaitlynne Low at kaitlynne.low@ontario.ca.

Yours truly,

Janet Dadufalza
FOI Manager

Michelle Yu <michelley@geoproconsulting.ca>

TSSA record search for ten (10) properties around 3225 Concession Road 5, Pickering, ON (GeoPro Project No.: 17-1780E3)

Public Information Services <publicinformationservices@tssa.org> Mon, Jul 5, 2021 at 9:51 AM
To: Michelle Yu <michelley@geoproconsulting.ca>, Viktor Csath <viktorc@geoproconsulting.ca>, "env@geoproconsulting.ca" <env@geoproconsulting.ca>, Sinclair Kenrick <sinclairk@geoproconsulting.ca>, David Liu <david@geoproconsulting.ca>

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello Michelle,

Thank you for your request for confirmation of public information.

- We confirm that there are no records in our database of any fuel storage tanks at the subject addresses:

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of $56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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,

Saara

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: publicinformationservices@tssa.org

www.tssa.org

From: Michelle Yu <michelley@geoproconsulting.ca>
Sent: July 2, 2021 1:54 PM

To: Public Information Services <publicinformationservices@tssa.org>; Viktor Csath <viktorc@geoproconsulting.ca>; env@geoproconsulting.ca; Sinclair Kenrick <sinclairk@geoproconsulting.ca>; David Liu <david@geoproconsulting.ca>
Subject: [POSITIVE SPAM]TSSA record search for ten (10) properties around 3225 Concession Road 5, Pickering, ON (GeoPro Project No.: 17-1780E3)

[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.

Hello,

Can you please conduct a search for fuel tank record(s) for:

3225 Concession Road 5, Pickering, ON

3225 Sideline 4, Locust Hill, ON

3330 Balsam Rd, Pickering, ON L1X 2W4

2944 Audley Rd, Ajax, ON L1S 4S7

10 Bunhill Court, Ajax, ON L1Z 1X5

Thank you.

Regards,

Michelle Yu

Environmental and Hydrogeological Group

Error! Filename not specified.

Geotechnical - Hydrogeology - Geo-Environmental - Materials Testing – Inspection

40 Vogell Road, Unit 57, Richmond Hill, Ontario, Canada L4B 3N6

T: (905) 237 8336 F: (905) 248 3699 C: (416) 843 7128

Michelley@geoproconsulting.ca www.geoproconsulting.ca

Request Proposals for Investigations, please email RFP@geoproconsulting.ca

Request Material Testing and Inspection Services, please email RFT@geoproconsulting.ca

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APPENDIX F

Water Well Records

July 7, 2021
12:28:03 AM

TOWNSHIP CON LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
AJAX TOWN	17 658610 4865004 W	2017-04 7360	2	UT 0005		MO	0010 10	7291772 (Z265888) A224740	BRWN FILL SOFT 0005 GREY SILT SAND HARD 0020
AJAX TOWN	17 658604 4864905 W	2017-04 7360	2	UT 0004		MO	0010 10	7291771 (Z265890) A224693	BRWN FILL SOFT 0005 GREY SILT SAND HARD 0020
AJAX TOWN	17 658752 4864880 W	2017-04 7360	2	UT 0004		MO	0010 10	7291770 (Z265889) A224690	BRWN FILL SOFT 0005 GREY SILT SAND HARD 0020
AJAX TOWN CON 02 003	17 658953 4864779 W	1994-12 5459	6	UK 0090	/90/8/3:0	DO	0090 3	1912286 (141574)	BRWN CLAY STNS 0023 GREY CLAY STNS 0089 GREY SAND STNS 0093 BLCK SHLE 0095
PICKERING TOWN	17 658252 4864907 W	2017-04 7472	2			MO	0092 5	7287366 (Z259465) A222970	BLUE CLAY SAND LOOS 0030 BLUE CLAY GRVL PCKD 0040 GREY CLAY SAND GRVL 0079 GREY SAND DNSE 0097
PICKERING TOWN 05 007	17 658093 4864700 W	2007-10 5459	6.61	FR 0106	1/41/5/1:0	DO		7054352 (Z61055) A061114	BRWN SAND SOFT 0020 GREY CLAY SOFT 0052 BRWN SAND SILT SOFT 0065 GREY CLAY TILL DNSE 0088 BRWN SHLE SOFT 0106
PICKERING TOWN CON 03 020	17 658869 4865217 W	1993-06 1673	6	FR 0097	2/23/20/2:0	DO	0094 3	1912365 (104032)	LOAM 0002 CLAY GRVL 0085 SAND GRVL 0097
PICKERING TOWN CON 05 003	17 659015 4865023 W	1969-10 5420	34	FR 0012	12///:	DO		4604340 ()	LOAM 0001 BRWN MSND STNS 0008 BRWN CLAY STNS 0012 BLUE CLAY STNS 0040
PICKERING TOWN CON 05 003	17 659035 4864943 W	1979-07 2651	6	FR 0106	//25/2:30	ST DO		1905697 ()	BRWN CLAY SAND 0019 GREY CLAY SOFT 0042 GREY CLAY GRVL PCKD 0088 BRWN SAND 0096 BLCK SHLE 0110
PICKERING TOWN CON 05 003	17 658872 4865216 W	1998-05 2662	6	GS 0084	2/25/10/1:0	CO	0077 4	1913679 (188177)	BLCK LOAM 0001 BRWN CLAY STNS WBRG 0012 GREY CLAY STNS HARD 0080 GREY SILT CLAY SNDY 0083 GREY SAND WBRG 0088
PICKERING TOWN CON 05 003	17 659015 4865023 W	1970-09 4713	6	FR 0081	/0/45/2:30	DO		4604637 ()	PRDG 0045 BLUE CLAY STNS 0075 BRWN MSND SILT 0080 BLUE GRVL MSND 0081
PICKERING TOWN CON 05 004	17 658358 4864922 W	1967-09 1413	5	FR 0096	///:	DO		4601460 ()	MSND 0020 CLAY GRVL BLDR 0096
PICKERING TOWN CON 05 004	17 658261 4865125 W	1965-08 2306	6	FR 0071	///:	PS		4601459 ()	PRDG 0015 BLUE CLAY 0025 CLAY 0060 CLAY MSND GRVL 0071
PICKERING TOWN CON 05 004	17 658221 4865061 W	2015-10 5459	6	0095	-2//10/1:0	DO	0084 11	7251326 (Z210517) A102850	BRWN SAND SOFT 0030 GREY CLAY LYRD SOFT 0081 BRWN SAND STNS LOOS 0095
PICKERING TOWN CON 05 004	17 658361 4864897 W	2017-04 7360	2	UT 0005		MO	0010 5	7292847 (Z265884) A203304	LOAM 0002 SAND 0010

TOWNSHIP CON LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
PICKERING TOWN CON 05 004	17 658331 4864863 W	2017-04 7360	2	UT 0007		MO	0018 5	7292854 (Z265886) A224705	LOAM 0002 BRWN SAND 0007 SAND WBRG 0025
PICKERING TOWN CON 05 004	17 658305 4864827 W	2017-04 7360	2	UT 0007		MO	0005 5	7292855 (Z265885) A203302	LOAM 0002 BRWN SAND 0007 SAND 0025
PICKERING TOWN CON 05 005	17 658182 4864634 W	2000-05 1413	6	FR 0097	/70/20/1:	IR		1914543 (214730)	BRWN SAND PCKD 0017 GREY CLAY SOFT 0037 GREY CLAY STNS SOFT 0077 BLCK SHLE PORS FOSS 0097
PICKERING TOWN CON 05 005	17 658055 4865163 W	1983-07 4743	6	FR 0093	/20/20/2:0	DO	0095 3	1906685 ()	YLLW CLAY SAND LOOS 0030 BLUE CLAY STKY 0075 GREY TILL CLAY 0093 GREY SAND CLN 0098
PICKERING TOWN CON 05 005	17 658165 4864723 W	1978-08 4743	6	FR 0079	/40/10/1:0	DO		1905108 ()	BLUE CLAY 0030 BLUE CLAY GRVL 0040 BLUE CLAY SAND 0079 BLCK SHLE 0080
PICKERING TOWN CON 05 005	17 658115 4864723 W	1969-07 3102	30	FR 0010	10/18//1:0	DO		4604132 ()	LOAM 0001 MSND 0028
PICKERING TOWN CON 05 006	17 658182 4864634 W	1996-07 6874	30	FR	5/24/20/1:30	DO		1912924 (165215)	

TOWNSHIP	CON	LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION

Notes:
UTM: UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
DATE CNTR: Date Work Completedand Well Contractor Licence Number
CASING DIA: .Casing diameter in inches
WATER: Unit of Depth in Fee. See Table 4 for Meaning of Code

PUMP TEST: Static Water Level in Feet / Water Level After Pumping in Feet / Pump Test Rate in GPM / Pump Test Duration in Hour : Minutes
WELL USE: See Table 3 for Meaning of Code
SCREEN: Screen Depth and Length in feet
WELL: WEL (AUDIT #) Well Tag . A: Abandonment; P: Partial Data Entry Only
FORMATION: See Table 1 and 2 for Meaning of Code

1. Core Material and Descriptive terms

Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
BLDR	BOULDERS	FCRD	FRACTURED	IRFM	IRON FORMATION	PORS	POROUS	SOFT	SOFT
BSLT	BASALT	FGRD	FINE-GRAINED	LIMY	LIMY	PRDG	PREVIOUSLY DUG	SPST	SOAPSTONE
CGRD	COARSE-GRAINED	FGVL	FINE GRAVEL	LMSN	LIMESTONE	PRDR	PREV. DRILLED	STKY	STICKY
CGVL	COARSE GRAVEL	FILL	FILL	LOAM	TOPSOIL	QRTZ	QUARTZITE	STNS	STONES
CHRT	CHERT	FLDS	FELDSPAR	LOOS	LOOSE	QSND	QUICKSAND	STNY	STONEY
CLAY	CLAY	FLNT	FLINT	LTCL	LIGHT-COLOURED	QTZ	QUARTZ	THIK	THICK
CLN	CLEAN	FOSS	FOSILIFEROUS	LYRD	LAYERED	ROCK	ROCK	THIN	THIN
CLYY	CLAYEY	FSND	FINE SAND	MARL	MARL	SAND	SAND	TILL	TILL
CMTD	CEMENTED	GNIS	GNEISS	MGRD	MEDIUM-GRAINED	SHLE	SHALE	UNKN	UNKNOWN TYPE
CONG	CONGLOMERATE	GRNT	GRANITE	MGVL	MEDIUM GRAVEL	SHLY	SHALY	VERY	VERY
CRYS	CRYSTALLINE	GRSN	GREENSTONE	MRBL	MARBLE	SHRP	SHARP	WBRG	WATER-BEARING
CSND	COARSE SAND	GRVL	GRAVEL	MSND	MEDIUM SAND	SHST	SCHIST	WDFR	WOOD FRAGMENTS
DKCL	DARK-COLOURED	GRWK	GREYWACKE	MUCK	MUCK	SILT	SILT	WTHD	WEATHERED
DLMT	DOLOMITE	GVLY	GRAVELLY	OBDN	OVERBURDEN	SLTE	SLATE		
DNSE	DENSE	GYPS	GYPSUM	PCKD	PACKED	SLTY	SILTY		
DRTY	DIRTY	HARD	HARD	PEAT	PEAT	SNDS	SANDSTONE		
DRY	DRY	HPAN	HARDPAN	PGVL	PEA GRAVEL	SNDY	SANDYOAPSTONE		

2. Core Color

Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

3. Well Use

Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial	MT	Monitoring TestHole
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

4. Water Detail

Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		

APPENDIX G

GeoPro Consulting Limited

Geotechnical-Hydrogeology-Environmental-Materials-Inspection

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
INTERVIEW QUESTIONNAIRE

Date: June 23 2021

Site Location/Address:

Paul Bigioni

Personnel Interviewed:

Contact Information

Email: paul@grandhomescanada.com

Phone Number:647-892-1640

- What is the main purpose of this Phase One ESA? Development

Record of Site Condition (RSC) ___ Due Diligence ___ Other _____

- Years of working/living on the site: 4

- Briefly describe the Site and site operations:

Size of the Property: 17.9 Hectares

Size of Footing Area:

Year of Building(s) constructed: 1960 - building demolished

Nature of the business: vacant

Current Property Owner, and date of ownership: 869547 Ontario Inc.

Previous Property Owner: Frisque

Current/Previous occupants: none

PIN:

Assessment Roll Number:

Legal Description:Concession 5 S Lot 3,4 City of Pickering, Regional Municipality of Durham, also known as 3225 Concession Road.

- What is the property land use?

Current: vacant

Future/Proposed: residential lots

- Any chemicals were used or stored on site? Where? none

- Do you know any chemical spills that occurred on the property? If yes, what chemicals were involved? where and when did it (they) happen? How were they cleaned up? none

- How is waste water handled/stored/disposed on site? through city sanitary sewer system? no

- Were there any landfills/dumps/soil fill on site? no

- How are the solid wastes disposed of and where? none

- Are/were there any underground or above ground storage tanks on the property? If yes, where? were many years ago for the single residential unit.

- Are/were there any fluid-filled transformers or other electrical equipment on the property? Where? Any reports available for PCB content tested? no

- Are/were there any water wells located on site? where? yes

- What is the source of drinking water? none

- What is the heating/air conditioning system for the building(s)? none

- Are you aware of any lead paint, asbestos or urea foam insulation using for the building(s)?

- Are/were there any equipment maintenance/manufacturing/processing activities occurring on site? no

- Are /were there any hazardous wastes generated on site? Do you have a waste generator number? no

- Are you aware of any fires that happened on the property? no

- Are/were there any environmental issues/problems relating to the site, such as civic, criminal, or administrative proceedings or fines? no

- Have there been any occupational health and safety inspections conducted by regulatory agencies? Any findings? no

- Are there any building /site drawings available for review? no

- Do you know any geotechnical or environmental investigations taking place on the site? any reports available for review? no

- Do you have other contacts who you think can provide more information on the property?

Maurizio Rogato - planner

APPENDIX H

Phase One Property **Date: April 3, 2017**

Photo 1 – View of the entrance to the West Portion of Phase One Property (looking east). The Site has an address number of 3225 Balsam Road/Sideline 4.

Photo 2 – View of the West Portion of the Phase One Property (looking north).

Photo 3 - View of the approximate area of the former residential house (looking northeast).

Photo 4 – View of the south end of the West Portion of the Phase One Study Area (looking south).

Photo 5 – View of the Carruthers Creek and the outlying floodplains noted near the center of the Phase One Property.

Photo 6 – View of the floodplains of the Carruther Creek in the foreground and the east facing berm in the background in the West Portion of the Site (looking west).

Photo 7 – View of the temporary entrance to the East Portion of the Phase One Property from a new public roadway (namely Dexshire Drive) (looking south).

Photo 8 – View of the south property boundary of the East Portion of the Site with Dexshire Drive (looking west). A ditch and piles of the soil, fill, and could be seen near the boundary area.

Photo 9 – View of the East Portion of the Phase One Property (looking north). Water puddles were noted.

Photo 10 – View of stockpiles of gravel, sand and soil materials noted near the entrance of the West Portion of the Phase One Property (looking northeast).

Photo 11 – View of a pre-cast concrete cylinder object noted near the entrance of the West Portion of the Phase One Property (looking southeast)

Photo 12 – View of a water well noted in the northwest corner of the West Portion of the Phase One Property (looking southeast)

Photo 13 – View of a recreational vehicle parked near the location of the former residential house (looking southwest)

Photo 14 – View of a pool heater and filter storage area near the east edge of the West Portion of the Phase One Property (looking west)

Photo 15 – View of poorly drained area(s) noted in the West Portion of the Site

Photo 16 – View of soil stockpiles generated from two (2) excavated pits in the West Portion of the Site. A plastic storage tank was noted.

Phase One Property **Date: July 28, 2021**

Site Photo 1. Dirt Roadway in the Western portion of the Site. Photo taken facing east.

Site Photo 2. South western portion of the Site. Vacant land and wooded area noted. Photo taken facing south.

Site Photo 3. Northern Portion of the Site. Vacant land and wooded area noted. Photo taken facing northwest.

Site Photo 4. Eastern Portion of the Site. Vacant land and wooded area noted. Photo taken facing north.

Site Photo 5. Central portion of the Site. Heavily wooded area present. Photo taken facing east.

Site Photo 6. Area of formal residential house located in the western portion of the Site. Gravel present, no evidence of building structures or basements.

Site Photo 7. Piles of fill material and debris were noted in the western portion of the Site

Site Photo 8. Monitoring wells noted throughout the Site

Site Photo 9. Transformer located on a telephone pole in the western portion of the Site. No spills, staining, discoloration or leaks observed.

Site Photo 10. Underground water utilities present in the eastern portion of the Site

Phase One Study Area **Date: July 28, 2021**

Study Area Photo 1. Industrial Storage at 3330 Balsam Road. Photo taken facing west.

Study Area Photo 2. Alternative views of the Industrial Storage at 3330 Balsam Road.

Study Area Photo 3. Golf Course observed at 2700 Audley Road North. Photo taken facing west.

Study Area Photo 4. Ditches observed running along Balsam Road.

Study Area Photo 5. Wooded areas noted throughout the Study Area

LIMITATIONS TO THE REPORT

This report has been prepared in accordance with local generally accepted professional practices and procedures at the time of the assessment within the scope of Phase One Environmental Site Assessments under O. Reg. 153/04 as amended and is subject to the terms, conditions and limitations set out in our approved proposal prepared based on our understanding of the project requirements. As such, the assessment does not include any sampling or testing for potential contaminants such as asbestos, PCBs, radon gas, or airborne pollutants, etc.

This report utilizes scientific principles, professional judgement and subjective interpretations. This report herein comprises a statement of professional opinion based on visual observations, interviews and readily available documents only and the reader is advised that not all conditions that affect environmental compliance can be revealed by visual observations, interviews and readily searched documents.

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The information provided in this report may not be sufficient to obtain approval for disposal of excess soil or materials generated during construction. Occupancy use, codes, rules, and procedures change rapidly with time in the environmental engineering field and the reader is advised to update the findings and recommendations on a regular basis.