September 16, 2022 Report No. 210189-E1

11861808 CANADA CORPORATION
1060 Salk Road, Unit 1
Pickering, Ontario
L1W 3C5

Attention: Mr. Gnetum Muir

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
EXISTING RESIDENTIAL PROPERTY
1942 WOODVIEW AVENUE, PICKERING, ONTARIO

Prepared for:

11861808 CANADA CORPORATION

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TABLE OF CONTENTS

TABLE OF CONTENTS (contd.)

6.0 SITE RECONNAISSANCE

TABLE OF CONTENTS (cont.)

TABLE OF CONTENTS (cont.)

LIST OF APPENDICES

1.0 EXECUTIVE SUMMARY

This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act (EPA), as amended by Ontario Regulation 511/09 (O.Reg. 153/04). It is located at 1942 Woodview Avenue, within a rural residential area.

The physiography at the site, as published in the Ontario Geological Survey, Physiography of Southern Ontario, consists of: Sand Plains.

The surficial geology of the site, as published in the Ontario Geological Survey, Surficial Geology of Southern Ontario, consists of: Till - Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain.

The bedrock geology at the site, as published in the Ontario Geological Survey, Bedrock Geology of Southern Ontario, consists of: Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member: Shale, limestone, dolostone, siltstone. See Appendix A.

There are no water body and no area of Natural Significance within 100 m of the site. However, Little Rouge Creek is located approximately 250 m east of the Phase One property.

Under the supervision of Ram Jagdat, P. Eng., Qualified Person, Lawrence Yu, P. Eng., of Canada Engineering Services Inc. (CESI) visited the site at 1942 Woodview Avenue on October 22, 2021 in the afternoon between the hours of 4:00 P.M. and 5:00 P.M. The purpose of the visit was to evaluate the site for possible on-site environmental issues and to assess whether any surrounding land uses may have or are currently impacting the site environmentally.

At the time of the site reconnaissance the weather was sunny and the temperature was around 18º C. The Site Reconnaissance lasted one hour. The property was found to be generally grass covered with a paved driveway in front of the residential house. There were also a few mature trees scattered throughout the property.

A thorough search was conducted for historical records for the Phase One Study area. The bulk of the environmental source information was obtained from Environmental Risk Information Services Ltd. (ERIS). This data base search encompasses the subject site, as well as the surrounding lands of approximately a radius of 250 m radius beyond the site.

Based on our findings there is a driveway on the property that was likely subjected to de-icing activities during the Winter months on a yearly basis (See drawing attached).

This driveway is located at the front portion of the Phase One property, which along with the adjacent roadway (Woodview Avenue) will have been subjected to de-icing activities. As a result, electrical conductivity (EC) and sodium adsorption ratio (SAR) impacts may be exceeded in the subsurface soils to various degrees. Such exceedences will likely have been caused by salting the adjacent sidewalk and major highway mentioned above.

However, under O. Reg. 153/04 (as amended), s. 49.1, paragraph 1, currently prescribes an exemption to exceedences of SCS that are a result of substances that have been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.

Typically parking lots are primarily ploughed and only limited salting is used for pedestrian safety, as a mandatory activity in the interest of safety. But the increased values of the parameters of EC and SAR from such parking lot salting would be small compared to that of the highway salting and therefore the exemption mentioned above is applicable to the subject site.

There were no Potentially Contaminating Activities (PCAs) found within the Phase One Study Area. However, there is one Area of Potential Environmental Concern (APEC) that was found for the Phase One Property during this investigation. This is the presence of a natural gas furnace in the basement of the one-storey building. However, this natural gas furnace was installed to replace an oil heating furnace and an above ground storage tank which is still present in the basement. However, there were no signs of any oil stains on the basement floor.

The concrete floor where the oil tank is located was present during our site visit to the site. One soil sample was taken below this area on October 25, 2021 in the basement of the existing building. The soil sample was tested for the presence of Metals and Inorganics and Petroleum Hydrocarbons (PHC), BTEX / F1 to F4 -Benzene, Toluene, Ethyl Benzene, and Xylenes and PCBs parameters against the Ministry of the Environment Ontario Regulation 153/09, Table 2 of the *Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* for residential land use for coarse grain soils. The sample that was taken below the present AST area met the *Ministry of the Environment Conservation and Parks Soil, Ground water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, O. Reg. 153/04 Table 2 – Potable Ground Water – Residential Property Use for Coarse-Grained Materials.

Based on the findings of our soil sampling and testing program, we concluded that no contaminated soils were found in the area of the former AST and therefore this area is no longer an APEC.

Our conclusion is that the site is free of contaminants and no further action or investigation is required.

Freedom of Information search with the Technical Standards and Safety Authority indicated there were no records on file for the site. A freedom of information request was made to The Ministry of the Environment, Conservation and Parks's (MECP) for any available report on the site. However, no response has been received from the ministry as yet. If any relevant information of environmental concern is received, this will be sent to you.

Interviews concerning the site were conducted on October 22, 2021, with the agent of the property owner, Mr. Amer Nisar. He indicated that the subject property is currently occupied by a residential tenant. No government officials were contacted due to the Covid-19 pandemic occurring concurrently with doing this report.

2.0 INTRODUCTION

2.1. Phase One Property Information

2.1.1. Phase One Property Location

The Phase One property is located at 1942 Woodview Avenue, in Pickering, Ontario, with a legal address of Part of Lots 8 and 9, Registered Plan 329, City of Pickering, Regional Municipality of Durham, Ontario. See Key Plan and Site Plan in Appendix A.

2.1.2. Owners Information and Person Who Authorized the Phase One ESA.

Canada Engineering Services Inc., was authorized by Mr. Nadeem Munir, of 11861808 Canada Corporation, the property owners. The mailing address of the current owner is 1060 Salk Road, Unit 1, Pickering, Ontario. The office phone number of the agent, Mr. Amer Nasir is 416 890 9811.

3.0 SCOPE OF INVESTIGATION

The scope of work undertaken, was consistent with the completion of a Phase One ESA in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act (EPA), as amended by Ontario Regulation 511/09 (O.Reg. 153/04).

3.1 General Objectives

3.1.1. To develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in or under the Phase One property.

3.1.2. To determine the need for a Phase Two environmental site assessment.

3.1.3 To provide a basis for carrying out any Phase Two environmental site assessment if required.

3.1.4. To provide adequate preliminary information about environmental conditions of the land surface or underlying soils, or water bodies on or above the land surface in order to undertake any required risk assessment following completion of The Phase Two Environmental Site assessment. The study consisted of the six basic steps outlined subsection 3.2 below.

3.2 Phase One Environmental Site Assessment Components

3.2.1 A Records Review.

3.2.2 Interviews.

3.2.3 Site Reconnaissance.

3.2.4 Evaluation of the Information gathered from the Records Review, Interviews and Site Reconnaissance.

3.2.5 A Phase One Environmental Site Assessment Report.

3.2.6 The Submission of the Phase One Site Assessment Report to the Owner of the Phase One Property. O. Reg. 511/09, s.14.

4.0 RECORDS REVIEW

4.1 General

4.1.1 Phase One Study Area

Phase One Study Area included the Property itself and Properties Surrounding within a radius of approximately 250 m.

4.1.2 First Developed Use Determination

The site address at 1942 Woodview Avenue and the surrounding addresses within the Phase One study area on Woodview Avenue and Finch Avenue were not checked as the City directories were not available during the Covid-19 pandemic.

Assessment records were not checked as all other records indicate that the Phase One property has been used for residential purposes only.

From the title search records, it was concluded that the property changed hands from the Crown to George Law in 1931. The property was then sold to Ethal Law in 1932 and then to Betti Saar in 1945. The property changed hands to various private individuals and then to the Corsten family in 1967. The subject property was then acquired by 11861808 Canada Corporation in 2021, and they are the current owners.

The subject site was first used as farmland as evident in the 1939 aerial photograph and was converted into residential use some time after but before 1960, when a residential dwelling was established as shown in the 1960 aerial photograph. During this time, most of the surrounding areas were either vacant lands or were occupied by rural residential dwellings. The Phase One property in particular was fully covered with vegetation with the exception of the paved driveway in front of the one-storey residential dwelling in the east portion of the property.

A summary of the interview carried out at the site with the property owner's agent, indicated that the site had been used for agricultural purposes prior to 1939, when the property was part of a larger plot of land. The property was then subdivided into smaller plots of land and was used for residential purposes as far back as 1960. The one-storey residential dwelling on the subject property is currently occupied by a residential tenant. There is an above ground storage tank located in the basement of the building and it was reportedly used for heating purposes prior to conversion to natural gas heating.

4.1.3 **Fire Insurance Plans**

A search was undertaken by the Insurer's Advisory Organization but no fire insurance map was found. See Appendix "B".

4.1.4 **Chain of Title and City Directories**

Title Search records were conducted and our findings are shown in Appendix "B".

From the title search records, it was concluded that the property changed hands from the Crown to George Law in 1931. The property was then sold to Ethal Law in 1932 and then to Betti Saar in 1945. The property changed hands to various private individuals and then to the Corsten family in 1967. The subject property was then acquired by 11861808 Canada Corporation in 2021, and they are the current owners.

The site address at 1942 Woodview Avenue and the surrounding addresses within the Phase One study area on Woodview Avenue and Finch Avenue were not checked as the City directories were not available during the Covid-19 pandemic.

4.1.5 **Environmental Reports**

A check was made to determine whether other environmental reports were available for the subject property. Canada Engineering Services Inc., was informed by Mr. Amer Nisar, agent of the property owner, that there were no such reports.

4.1.6 **Geotechnical Reports**

A check was made to determine whether other environmental reports were available for the subject property. Canada Engineering Services Inc., was informed by Mr. Amer Nisar, agent of the property owner, that there were no such reports.

The Phase One property was historically used for agricultural purposes prior to 1939 and was converted into residential land use when the surrounding lands were subdivided. The building on the Phase One property was built around the late 1950s to early 1960s.

One APEC was found on the Phase One property. The APEC was found within the basement of the building and consisted of an above ground storage tank. This AST was used for storage of heating oil for heating the residential building, but was converted into natural gas heating recently.

No PCAs were found within the Phase One study area.

4.2 Environmental Source Information

The bulk of the environmental source information was obtained from Environmental Risk Information Services Ltd. (ERIS) for an approximate distance of 250 m around the subject site. The titles and descriptions of the information data base, the category of the data and their locations within and around the Phase One property are presented in an organized and easily retrievable format. The full search report is attached in Appendix "D".

4.2.1 National Pollutant Release Inventory.

No record was found within the range of 250 m of the Phase One property.

4.2.2 The National PCB Inventory and Inventory of PCB Storage Sites.

No record was found within the range of 250 m of the Phase One property in the National PCB Inventory and Inventory of PCB Storage Sites databases respectively.

4.2.3 Environmental compliance approvals, permits to take water, certificates of approval use or similar instruments related to the environmental condition of the Phase One property and any property on, under or adjacent to the Phase One property and issued pursuant to an Act administered by the Ministry, whether in force or not.

No records were found for the Phase One property but two records were found in the Environmental Compliance Approval database within the range of a 250 m radius of the Phase One property.

Both records were found for Woodview Land Development Corporation, located at 1952, 1956 and 1960 Woodview Avenue. The records were for municipal and private sewage works.

4.2.4 Inventory of coal gasification plants maintained by the Ministry.

The Inventory of Coal Gasification Plant Waste Sites in Ontario of 1987 was checked and no such sites were found within 250 m of the Phase One property.

The Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario was checked and no such sites were found within 250 m of the Phase One property.

4.2.5 Records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the Ministry where the incident, order, offence, spill, discharge or inspection affects the Phase One property and any property on, under or adjacent to the Phase One property.

No records were found within the range of a 250 m radius of the Phase One property.

Freedom of Information searches of the MECP files and of the Technical Standards and Safety Authority (TSSA) files have been requested. The TSSA indicated there are no records on file for the site. We have not yet received a response for our Freedom of Information request for the data concerning the site from the MECP, likely because of the Covid 19 pandemic. This record will be added as a supplementary to this report if and when it becomes available.

4.2.6 Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General - Waste Management) made under the Act, or its predecessors with respect to the Phase One property and any property on, under or adjacent to the Phase One property.

The MECP Waste Receivers Database was checked via the Ecolog-ERIS search that was commissioned by CESI. No records were found within the radius of 250 m of the property.

The MECP Waste Generator Database was checked via the Ecolog-ERIS search commissioned by us. No record was found within the range of 250 m of the Phase One property.

4.2.7 Reports submitted to the Ministry related to the environmental conditions of the Phase One property and any property on, under or adjacent to the Phase One property.

None was found.

4.2.8 Retail fuel storage tank information maintained by the Technical Standards and Safety Authority.

Mr. Sherees Thompson of the Technical Standard and Safety Authority (TSSA) was contacted regarding possible registration, size and age of any underground storage tanks (USTs) and above-ground storage tanks (ASTs) that may have been used on the subject property. He reported that there were no records on file for the site.

4.2.9 Notices and Instruments, including Records of Site Condition, posted in the Registry.

None was found for the Phase One property and within the Phase One study area.

4.2.10 Identification of areas of natural significance maintained by the Ministry of Natural resources.

None was found.

4.2.11 Landfill information maintained by the Ministry.

The Site Inventory of 1991 was checked and no active or closed waste disposal site was found within 0.25 km of the Phase One property.

A check of the Anderson's Waste Disposal Sites and the National Defence & Canadian Forces Waste Disposal Sites databases were carried out as part of our Ecolog-ERIS databases search and no such sites were found within 0.25 km of the Phase One property.

4.2.12 The MECP Waste Receivers Database was checked via the Ecolog-ERIS search commissioned and no records were found within 0.25 km of the Phase One property.

See Appendix "D" for complete details of the Ecolog - ERIS database search report.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

4.3.1.1 Nine aerial photographs were obtained for this site 1939, 1960, 1970, 1978, 1981, 1999, 2005, 2016 and 2021.

4.3.1.2 The photograph from 1939 indicated that the subject property was used as agricultural and the surrounding properties as vacant lands with a few rural residential buildings on Finch Avenue. No earlier aerial photograph was available. No records were found to indicate that the site was used for anything other than for agricultural and residential purposes prior to 1939. The 1960, 1970, 1978, 1981 and 1999 aerial photographs showed the rectangular one-storey building fronting Woodview Avenue. There was a newly developed residential subdivision north of the Phase One property in the 2021 aerial photograph that showed the site and the surrounding areas as it is today with little changes over the years. The aerial photographs were taken several years apart, which we consider to be relatively short time spans to show how the site and the surrounding areas changed with time.

4.3.1.3 The aerial photographs from 1939, 1960, 1970, 1978, 1981 and 1999 were obtained from the National Aerial Archives and the aerial photographs from 2005, 2016 and 2021 were obtained from Google Maps online.

4.3.2.4 The first available aerial photograph was from 1939. At that time, the site was vacant and was used for agricultural purposes. The 1960 aerial photograph first shows a residential building on the property. The 1970, 1978, 1981, 1999, 2005, 2015 and 2021 aerial photographs showed a more developed area with very little changes over the years. See copies of the aerial photographs in Appendix "A".

4.3.2 Topography, Hydrology, Geology

4.3.2.1 A map with contour elevations of the site and its immediate surroundings is provided in Appendix A. The Phase One property slopes very mildly from the northeast to the southwest.

4.3.2.2 The physiography of the site, as published in the Ontario Geological Survey, Physiography of Southern Ontario, consists of: Sand Plains. See Appendix A.

4.3.2.3 The surficial geology at the site, published in the Ontario Geological Survey, Surficial Geology of Southern Ontario, consists of: Till - Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. See Appendix A.

The bedrock geology at the site, as published in the Ontario Geological Survey, Bedrock Geology of Southern Ontario, consists of: Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member: Shale, limestone, dolostone, siltstone. See Appendix A.

4.3.3 Fill Materials

Fill was not found at the Phase One property during our Site Reconnaissance on October 22, 2021, however, fill may exist in the form of a thin surficial layer of topsoil, granular fill on the driveway and subgrade fill around the building foundations. These are not considered contaminating fill materials, as the soil fill materials around the foundations were most likely the original soils from the site and the granular fills below the driveway are typical native gravel from gravel pits in Ontario.

4.3.4 Water Bodies and Areas of Natural Significance

There are no water bodies and no areas of Natural Significance within 100 m of the site. However, Little Rouge Creek is located approximately 250 m east of the Phase One property.

4.4 Water Well Records

The Water Well Information System database was checked and no water well was found on the Phase One property, but 2 well records were found within 0.25 km of the Phase One property.

4.5 Monitoring Wells

There are four recently installed monitoring wells on the Phase One property. The monitoring wells were put down as part of the hydrogeological study and geotechnical investigation done concurrently with this report

4.6 Site Operating Records

The Phase One property was historically used for agricultural purposes and was converted to residential use in the late 1950s to early 1960s. There was an above ground storage tank in the basement of the building. The tank was used to store heating oil to heat the building. However, the AST was empty and not currently being used as it was converted into natural gas heating.

No potentially contaminating activities were found for the Phase One property or within the Phase One study area other than the above ground storage tanks mentioned above.

Potentially Contaminating Activity	Description
PCA 28: Gasoline and Associated Petroleum Products in Fixed Tanks	One AST was located on the Phase One property. This tank was used to store heating oil.

4.7 Summary of Records Review

Based on a review of the regulatory database information sources, the following environmentally significant information was determined with respect to the uses of the Phase One subject property and surrounding Phase One study areas:

Phase One Subject Property

- The Phase One property was used for agricultural purposes prior to 1939 and was converted to residential purposes since the subject lands were subdivided and the building was built in the late 1950s to early 1960s.

- One above-ground fuel storage tank (AST) was found to be located on the Phase One property, within the building basement. The tank was used to store heating oil to heat the building. However, the AST empty and not in use as the building was converted into natural gas heating.

- No under-ground fuel storage tank (UST) was found at the Phase One property.

- Fill was used on the Phase One property. Surficial granular fill and subgrade fill materials were found underneath the driveway and around the building foundations and are likely on-site soil materials that were used to backfill around the foundation walls of the buildings and for building up the subgrade of the roads on the Phase One property.

Phase One Study Area Land Use

- No Records were found for in The MECP Waste Generator Database.

- The Phase One study area was used as agricultural prior to 1939 and rural residential from the early1960s to the present. Currently, there are vacant forested lands west of the Phase One property and residential dwellings within the Phase One study area.

5.0 INTERVIEWS

Interviews were carried out by Mr. Lawrence Yu, the Project Manager for this Phase One ESA, under the supervision of Mr. Ram Jagdat, P. Eng., Qualified Person with the (MECP) and the principal author of this report, with the purpose of obtaining information to assist in determining whether there were areas of potential environmental concerns and to identify details of potentially contaminating activities or potential contaminant pathways in, on or under the Phase One property.

5.1 Owner and Key Personnel

5.1.1.1 On October 22, 2021, the agent of the property owner, Mr. Amer Nisar, was asked a series of questions about the property and surrounding areas.

5.1.1.2 The reason this person was selected to be interviewed is because he is the person who has extensive knowledge of the site and the surrounding areas.

5.1.1.3 He said that his client owned the Phase One property for approximately 1 year and that it was used for residential purposes. He mentioned that there was no water supply well and septic tank as the building was serviced by Municipal water and sewers. He indicated that the building is currently rented to a residential tenant and that there was a paved driveway in front of the building and a ditch on the north side of the house that runs out to Woodview Avenue. He also informed us that there are no gasoline stations, motor repair facilities, commercial printing facilities, dry cleaners, junkyards or landfill sites within the Phase One study area. He also said that there was an above-ground heating fuel tank in the basement of the building and that this was used for heating the building, but it was empty and no long in use when it was replaced with a natural gas furnace.

5.2 Local Municipal Agencies

Local government officials were not available for interviews due to the Covid-19 pandemic.

5.3. Local Residents

No other local residents were available for interviewing during our site reconnaissance on October 22, 2021.

5.4 Summary of Interview Data

Based on the interviews, it was established that the site had historically been used for agricultural purposes prior to 1939 as part of a larger plot of land. Since that time, the property and surrounding areas were subdivided and converted into rural residential use. The building on the Phase One property was built in the1950s. The building is a one-storey building with one basement level. There was also a detached garage in the front of the building.

6.0 SITE RECONNAISSANCE

6.1 Site Reconnaissance, Specific Objectives Consist of Determining the Following Steps:

6.1.1 Locating Areas of Potential Environmental Concerns and Potentially Contaminating Activities Through Current and Past Land Uses at the Phase One Property and the Phase One Study Area**.**

There was a natural gas furnace in the basement of the one-storey building. However, it was reported that there was an above-ground oil fuel storage tank in the basement of the building and it was emptied when it was converted into natural gas heating. No underground storage tanks were found on the Phase One property.

6.1.2. Determining Details of Potential Contaminant Pathways at the Phase One Property and Contaminants of Potential Concern consisted of Visual Observations only.

These could consist of utility trenches and sewer trenches leaving the property. The water and sewer trenches were found to run off Woodview Avenue and into the one-storey building. There are also buried hydro and gas lines running from Woodview Avenue into the one-storey building.

6.1.3. Site Reconnaissance, General Requirements

6.1.3.1.1 The Site Reconnaissance was carried out on October 22, 2021 in the afternoon between the hours of 4:00 P.M. and 5:00 P.M.

6.1.3.1.2 The weather was sunny at the time of the Site Reconnaissance.

6.1.3.1.3 The length of time of the Site Reconnaissance was one hour.

6.1.3.1.4 The property was found to be generally grass covered with a paved driveway in front of the building. There were some mature trees scattered throughout the property and a drainage ditch on the north side of the building and running out to Woodview Avenue.

6.1.3.1.5 The person conducting the investigation was Lawrence Yu, P. Eng., who had at that time fifteen years of experience of conducting Phase One investigations.

6.1.4 Photographs

6.1.4 1 Photographs of the Phase I Property and its surrounding areas are attached in Appendix "A".

6.1.4.2 Assessment from All Photographs and Other Data from the Property

Based on the photographs and other data obtained for the site, the Phase One property and Phase One study area appear to be within a rural residential area within the City of Pickering. The subject property is currently used for residential purposes.

6.2 Specific Observations at the Phase One Property

6.2.1. Site and Building Descriptions

The site is located at 1942 Woodview Avenue, Pickering, Ontario, in a rural residential area. It is bounded by Woodview Avenue on the east side, residential lots on the north and south sides and vacant forested lands on the west side. Further east beyond Woodview Avenue are residential lots and further north beyond the residential lots is Finch Avenue West. The subject property was generally, relatively flat, with a gentle slope towards the west and south, with a total area of 3.1 acres.

6.2.1.1 Above Ground Structures and Tanks

The general description of structures and other improvements, including the number and age of building is as follows:

The existing building consisted of a one-storey building with one level basement.

One above ground tank was located in the basement of the building. The tank was used to store heating oil to heat the building. The tank was emptied when the building was converted to natural gas heating.

6.2.1.2 Underground Structures and Tanks

A general description of the number, age and depth of underground structures.

No underground tank or structure was found.

6.2.2 Site Utilities and Services

The building on the Phase One property currently has natural gas furnace located in the basement. The building currently is running on municipal water and sewers. There is overhead hydro and telephone cables close to the east property line.

6.2.3 Interior Building Condition

The bulk of the one-storey building consists of concrete foundations and brick veneer walls.

6.3 Site Production and Manufacturing

6.3.1 Details of Existing and Former Entry Points.

Entry point was through Woodview Avenue on the east side of the site.

6.3.2 Details of existing and former heating systems, including type and fuel source if any.

The heating for the one-storey building was once by a heating oil furnace in the basement level. However, it was converted to natural gas heating.

6.3.3 Details of cooling systems, including type and fuel source if any.

There are currently no cooling systems for the building.

6.3.4 Drains, Pits, Sumps and Cracks

There are three sump pumps located in the basement of the one-storey building.

6.3.5 Conditions around any Drains, Pits, Sumps and Cracks or Discharge Locations

There is no drinking water well on the property. However, there is a ditch on the north side of the building and drains toward Woodview Avenue.

6.3.6 Conditions of floors around drains, sumps, pits or cracks or potential discharge locations

The existing basement concrete slab of the building was in a fairly good condition, and so were the conditions around drains, sumps, sump pits in the basement.

6.4 Chemical storage and handling

No storage areas were found at the site.

6.4.1 Areas of Stained Soil or Pavement, or Stressed Vegetation

The site was predominantly grass covered with a paved driveway at the front. No signs of any staining were observed.

6.4.2 Details of sewer works including their locations.

There are municipal water and sewers running into the building from Woodview Avenue.

6.4.3 Details of ground surface, including type of ground cover, such as grass, gravel, soil, or pavement.

The Phase One property was predominantly grassed covered with a paved driveway in the front of the one-storey building.

6.4.4 Details of current or former railway lines or spurs and their locations.

No railway line or spur was found on the Phase One property.

6.5 Investigations of buildings, structures and uncovered areas of the site.

There was a one-storey residential building found on the east portion of the site, fronting Woodview Avenue. The one-storey building consisted of concrete foundations and brick veneer walls.

6.5.1 Potential Contaminants from an enhanced site or a site that has Areas of Stained Soil or Pavement, or Stressed Vegetation

None was found.

6.5.2 Areas of Stained Soil or Pavement, or Stressed Vegetation areas of stained soil, vegetation or pavement.

None was found.

6.5.3 Areas of stressed vegetation

None was found.

6.5.4 Areas where fill or debris materials which appear to have been placed or graded.

None was found.

6.6 Potentially Contaminating Materials or Activities.

None of these materials was found from a visual observation of the site, and there was no activity observed connected with any of these materials at the site.

6.6.1 Methane
6.6.2 Radon
6.6.3 Air Emissions and Odours
6.6.4 Molds
6.6.5 Designated Substances
6.6.6 Hazardous Materials
6.6.7 Lead
6.6.8 UFFI
6.6.9 Asbestos
6.6.10 PCBs
6.6.11 Radiative Materials
6.6.12 Silica
6.6.13 Mercury
6.6.14 ODS
6.6.15 Animals, Trees and Pest Controls

A designated substance survey was not done for the Phase One property.

6.7 Enhanced Investigation Property Observations

There was no enhanced investigation property observation, as the property has not changed significantly over the years.

6.8 Investigation of Phase One Study Area other Than the Phase One Property

6.8.1 There were potentially contaminating activities found outside the site that is part of the Phase One study area and these are listed in the table below:

Site	Potentially Contaminating Activity
1942 Woodview Avenue	PCA 28: Gasoline and Associated Petroleum Products in Fixed Tanks

6.8.2 There is no water body within 100 m of the site. However, Little Rouge Creek is located approximately 250 m east of the Phase One property.

6.8.3 There are no areas of Natural Significance within 100 m of the site. However, Little Rouge Creek is located approximately 250 m east of the Phase One property.

6.9 Written Description of Investigations

6.9.1 The Phase One property was flat and was covered with asphalt throughout with no surface features to indicate any source of contaminants.

Our investigation followed the stipulated steps and procedures of Phase I ESAs, as laid out in Ontario Regulation 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act (EPA), as amended by Ontario Regulation 511/09 (O.Reg. 153/04), which are listed below:

- A site reconnaissance was undertaken to obtain first hand knowledge of the site and the surrounding areas within a radius of 250 m of the site through visual observation. Where necessary, further investigations were carried out to determine structures and potential activities relating to gas tanks, their properties, contents, and any other relevant potential contaminating activities.

- A full record review of the site including Ecolog data, title searches, aerial photographs, directory searches and fire insurance maps, was done.

  The Ecolog data is provided by a single source company in Ontario. They provided a series of data base searches covering numerous data bases listed in Appendix "D". These data bases provide a more or less comprehensive list of the locations of underground storage tanks, water wells and areas of potential contaminants and these data bases were used as the main sources of information to assess the site. This was supplemented with aerial photographs dating back as far as deemed necessary.

  Other maps, such as the one showing land contours in the area were obtained from Government of Ontario online site and were used to obtain information of the buildings that were at the site and the general direction of ground water flow. These were also used to determine the approximate dates when the buildings on the site were constructed. These findings led us to determine with some accuracy what activities were taking place at the site at certain time periods. See Appendix "A."

  This was supplemented by carrying out a "chain of title" search of data filed in the Ontario Land Registry Office which has a record of all land sold in the province, with the names of the owners listed in sequence starting from the crown to present time. This list of owners was used to help deduce what sorts of activities were conducted at the site.

  These records were obtained by staff from Canada Engineering Services Inc., while visiting the local Land Registry Office and checking the municipal addresses of the subject properties and tracing the ownerships of these properties from the time they were owned by the crown to the present owners. This data is presented in Appendix "B."

  This was followed by visits to City of Toronto Reference Library to review the data compiled in Mike's Directory to locate all listings of the properties and where appropriate, neighbouring properties as well. However, this step was not feasible for this report, due to the Covid 19 lock down.

- Interviews with aged old residents and property owners around the site, as well as government officials having jurisdiction over the site. Older residents were searched out where available as these people generally have very valuable data about the changes of their neighbourhoods and can sometimes provide vital data which may be missing in the historical data bases. Local municipal employees can also provide valuable data as they know when

sewers were installed in municipalities and also could verify when heating systems changed, as the community is serviced with more modern sources of heating that could be an indicator of sources of contaminants. This data is provided in detail in section "5.0 Interviews" above.

- Search for and review of any available geotechnical and environmental reports. None were found.

All of the above sources were used at this site and the data compiled accordingly. Conclusions and Recommendations were made from the limited data available.

The original data from these sources were provided earlier in the report and the logical conclusions were made of how to proceed further.

After analyzing the data collected, a site reconnaissance was carried out, where key features were looked for and noted, both for the subject property and its immediate surroundings.

These included the structures and content of the property itself, as well as its surroundings, surface features, the presence of former or existing structures such as underground storage tanks & septic tanks, stressed vegetation or any other source of potential contaminants.

In summary, the site reconnaissance, historical search and related inquiries identified that there is Two "Areas of Potential Environmental Concern (APEC)" within the Phase One study area of 250 m radius beyond its boundary. The APEC was in the east portion of the property where a building is located. One AST was located within the basement of the one-storey building. No oil stains were observed in this area of the floor.

6.9.2 **Findings of areas of potential environmental concern**

Our findings indicate that there are two Areas of Potential Environmental Concern (APEC) within the Phase One study area. These are listed below:

Site	Potentially Contaminating Activity
1942 Woodview Avenue	PCA 28: Gasoline and Associated Petroleum Products in Fixed Tanks

Consequently, we recommend additional testing in this area covering a full spectrum of environmental tests as detailed later in this report.

7.0 CHEMICAL ANALYSES

7.1 Chemical Analyses of Soil Below Former AST

One soil sample was taken below the concrete floor slab on October 25, 2021 in the basement of the existing building where the AST was located. The soil sample was tested for the presence of Metals and Inorganics and Petroleum Hydrocarbons (PHC), BTEX / F1 to F4 -Benzene, Toluene, Ethyl Benzene, and Xylenes and PCBs parameters against the Ministry of the Environment Ontario Regulation 153/09, Table 2 of the *Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* for residential land use for coarse grain soils.

The sample taken below the former AST area met the *Ministry of the Environment Conservation and Parks Soil, Ground water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, O. Reg. 153/04 Table 2 – Potable Ground Water – Residential Property Use for Coarse-Grained Materials. See Appendix "C" for test results.

Based on the findings of our soil sampling and testing program, we conclude that no contaminated soils were found in the area of the former AST and no evidence of an oil leak was found at the site.

Our conclusion is that the site is free of contaminants and the suspected APEC is not of any concern and no further action or investigation is required.

8.0 EVALUATION OF INFORMATION

8.1 Current and Past Land Uses

From a summary of the historical records, interviews and a site reconnaissance it has been established that the site handed over from the Crown to George Law in 1931. The property was then sold to Ethal Law in 1932 and the to Betti Saar in 1945. The property changed hands to various private individuals and then to the Corsten family in 1967. The subject property was then acquired by 11861808 Canada Corporation in 2021, and they are the current owners.

The subject site was first developed and used for agricultural purposes as far back as 1939 and then converted to residential purposes between the 1950s and 1960s as seen in the aerial

photographs. Ownership of the property and uses of the property are summarized in the table below:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1931 to 1958	George Law (1931-1931) Ethal Law (1931-1945) Betti Saar (1945-1950) Norman & Anna Robinson (1950-1958)	The site was vacant and part of a larger plot of land.	Agricultural	The site and surroundings appear to be vacant with little development on Finch Avenue.
1958 to present	George & Edith Byrne (1958-1964) John Black (1964-1964) George & Margaret Weller (1964-1965) Jean Wellands (1965-1967) Gehard Carstens (1967-2010) Erika Carstens (2010-2021) 11861808 Canada Corp (2021-present)	The site was subdivided and a building was built on the property in the early 1960s as seen in the aerial photographs.	Residential	There was a building on the property as seen on the 1960, 1970, 1978, 1981 and 1999 aerial photographs. A residential subdivision can be seen in the 2021 aerial photograph north of the Phase One property. The site and surrounding appear to have been fully developed into a rural residential area on Finch Avenue and Woodview Avenue with little to no changes over the years.

8.2 Potentially Contaminating Activity

The data collected and interviews conducted indicated that:

1. There is an above ground tank in the Phase One property. The AST was located in the basement of the one-storey building. The tank was used to store heating oil to heat the building and have been emptied when the building was converted into natural gas heating.

The following Table lists the various locations of potential contaminants identified within the Phase One Study Area:

Location	Description	Possible Contaminants and/or Concerns
1942 Woodview Avenue	- There was an AST located on the east portion of the property. The AST was in the basement of the one-storey building and was used to store heating oil to heat the building.	BTEX, PHCs, Metals for soils and groundwater (Site is an APEC)

8.3 Areas of Potential Environmental Concerns

The following table lists the possible areas of potential environmental concerns and the rationale for such a designation:

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Groundwater, soil and/or sediment)
1942 Woodview Avenue	East portion of the basement of the building on the property)	PCA 28: Gasoline and Associated Petroleum Products in Fixed Tanks	On-site	Petroleum Hydrocarbons, Metals & Inorganics	Soil and Groundwater
	Front portion of property (driveway)	Other - road salt application. There may have been some de-icing activities on the driveway and parking areas in the Winter months.	On-site	- Electrical Conductivity (EC) - SAR	Soil and Groundwater

8.4 Phase One Conceptual Site Model

Existing buildings and structures for the Phase One study area are shown on the drawing in Appendix A. There were no bodies of water located in the Phase One study area. There were no areas of natural significance located in the Phase One study area. There were no drinking wells at the Phase One property.

The physiography at the site, as published in the Ontario Geological Survey, Physiography of Southern Ontario, consists of: Sand Plains.

The surficial geology at the site, as published in the Ontario Geological Survey, Surficial Geology of Southern Ontario, consists of: Till - Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain.

The bedrock geology at the site, as published in the Ontario Geological Survey, Bedrock Geology of Southern Ontario, consists of: Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member: Shale, limestone, dolostone, siltstone. See Appendix A.

The only Potential Contaminating Activities (PCAs) found in the Phase One study area were on the Phase One property and these are listed in the preceding section. This include PCA 28; Gasoline and Associated Petroleum Products in Fixed Tanks.

Based on our findings there is a driveway on the property that was likely subjected to de-icing activities during the Winter months on a yearly basis (See drawing attached).

This driveway is located at the front portion of the Phase One property, which along with the adjacent roadway (Woodview Avenue) will have been subjected to de-icing activities. As a result, electrical conductivity (EC) and sodium adsorption ratio (SAR) impacts may be exceeded in the subsurface soils to various degrees. Such exceedences will likely have been caused by salting the adjacent sidewalk and the major highway mentioned above.

However, under O. Reg. 153/04 (as amended), s. 49.1, paragraph 1, currently prescribes an exemption to exceedences of SCS that are a result of substances has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.

Typically parking lots are primarily ploughed and only limited salting is used for pedestrian safety, as a mandatory activity in the interest of safety. But the increased values of the parameters of EC and SAR from such parking lot salting would be small compared to that of the highway salting and therefore the exemption mentioned above is applicable to the subject site.

One APEC was found at the east portion of the Phase One property. They was an AST found in the basement of the one-storey building. The AST was used to store heating oil to heat the building. This tank was emptied when the building was converted to natural gas heating.

One soil sample was taken below the concrete floor slab on October 25, 2021 in the basement of the existing building where the AST was located. The soil sample was tested for the presence of Metals and Inorganics and Petroleum Hydrocarbons (PHC), BTEX / F1 to F4 -Benzene, Toluene, Ethyl Benzene, and Xylenes and PCBs parameters against the Ministry of the Environment Ontario Regulation 153/09, Table 2 of the *Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* for residential land use for coarse grain soils.

The sample taken below the former AST area met the *Ministry of the Environment Conservation and Parks Soil, Ground water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, O. Reg. 153/04 Table 2 – Potable Ground Water – Residential Property Use for Coarse-Grained Materials.

There were no areas of uncertainty or absence of information obtained in each of the components of the Phase I ESA that could affect the validity of the conclusions, tables and model described in subsections (2), (3) and (4) below.

Summary

In summary, based on the findings of our soil sampling and testing program, we conclude that no contaminated soils were found in the area of the AST. Our conclusion is that the site is free of contaminants and no further action or investigation is required.

9.0 CONCLUSIONS

The primary findings of this Phase I ESA were as follows:

- The surficial geology at the site, as published in the Ontario Geological Survey, Surficial Geology of Southern Ontario, consists of: Till - Stone-poor, sandy silt to silty sand-textured till on Paleozoic terrain. The bedrock geology at the site, as published in the Ontario Geological Survey, Bedrock Geology of Southern Ontario, consists of: Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member: Shale, limestone, dolostone, siltstone.

- The subject property is relatively flat, with a gentle slope towards the west and south. North of the building there is a ditch running out to Woodview Avenue in a east-west direction. The natural ground water flow, as estimated from water wells in the Phase One study area, is to the southwest.

- There are no water body and no area of Natural Significance within 100 m of the site. However, Little Rouge Creek is located approximately 250 m east of the Phase One property.

  One APEC was found at the east portion of the Phase One property. An AST was located in the basement of the one-storey building. The AST was used to store heating oil to heat the building, but was emptied when the building was converted into natural gas heating.

- Based on our findings there is a driveway on the property that was likely subjected to de-icing activities during the Winter months on a yearly basis (See drawing attached).

  This driveway is located at the front portion of the Phase One property, which along with the adjacent roadway (Woodview Avenue) will have been subjected to de-icing activities. As a result, electrical conductivity (EC) and sodium adsorption ratio (SAR) impacts may be exceeded in the subsurface soils to various degrees. Such exceedences will likely have been caused by salting the adjacent sidewalk and major highway mentioned above.

However, under O. Reg. 153/04 (as amended), s. 49.1, paragraph 1, currently prescribes an exemption to exceedences of SCS that are a result of substances has been applied to surfaces for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.

Typically parking lots are primarily ploughed and only limited salting is used for pedestrian safety, as a mandatory activity in the interest of safety. But the increased values of the parameters of EC and SAR from such parking lot salting would be small compared to that of the highway salting and therefore the exemption mentioned above is applicable to the subject site.

- There was one Potentially Contaminating Activity (PCA) for the Phase One study area. There was an AST found in the basement of the one-storey building. The AST was used to store heating oil to heat the building.

- One soil sample was taken below the concrete floor slab on October 25, 2021 in the basement of the existing building where the AST was located. The soil sample was tested for the presence of Metals and Inorganics and Petroleum Hydrocarbons (PHC), BTEX / F1 to F4 -Benzene, Toluene, Ethyl Benzene, and Xylenes and PCBs parameters against the Ministry of the Environment Ontario Regulation 153/09, Table 2 of the *Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act* for residential land use for coarse grain soils.

  The sample taken below the AST area met the *Ministry of the Environment Conservation and Parks Soil, Ground water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*, O. Reg. 153/04 Table 2 – Potable Ground Water – Residential Property Use for Coarse-Grained Materials.

  Based on the findings of our soil sampling and testing program, we conclude that no contaminated soils were found in the area of the former AST.

- Our conclusion is that the site is free of contaminants and no further action or investigation is required.

10.0 REFERENCES

Ontario Regulation 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act (EPA), as amended by Ontario Regulation 511/09

Ministry of Natural Resources

Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, by The Ministry of The Environment, November 1988

Inventory of Coal Gasification Plant Waste Sites in Ontario, Intera Technologies Ltd., April 1987.

Waste Disposal Site Inventory, Ministry of The Environment, 1991.

Ontario Land Registry Records.

Might's Directory of Streets in Ontario.

ERIS Historical Searches

Ministry of Environment Records available through Freedom of Information

Technical Safety Standards Association

Ontario Ministry of Northern Development and Mines, Mines and Minerals Division, Ontario Geology Survey, Bedrock Geology of Southern Ontario via OGSEarth, August 2012.

Ontario Ministry of Northern Development and Mines, Mines and Minerals Division, Ontario Geology Survey, Physiography of Southern Ontario via OGSEarth, August 2012.

Ontario Ministry of Northern Development and Mines, Mines and Minerals Division, Ontario Geology Survey, Surficial Geology of Southern Ontario via OGSEarth, August 2012.

Google Earth. 2021.
Google Maps. 2021.

11.0 LIMITATIONS

This report has been prepared from visual non-invasive observations of the site and surrounding properties and from information provided from various persons and agencies limiting in scope to a Phase One Environment Site Assessment.

In the course of carrying out this Phase One Environmental Site Assessment (ESA), the possibility of obtaining imprecise, partial or incorrect data cannot be totally eliminated but only reduced to an acceptable level. This report was prepared with due care and diligence, and is based on information gathered and professional judgement of the best information available at the time of the investigation.

This report was prepared in accordance with Ontario Regulation 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act (EPA), as amended by Ontario Regulation 511/09 (O. Reg. 153/04). This standard and current environmental standards, regulations and practices may change, with resulting changes to our conclusions and recommendations given in this report. Should the client become aware of any such changes or any unexpected environmental conditions at the site, not within the scope of services at the site, the Consultant (Canada Engineering Services Inc.) should be informed so that any necessary modifications to our report can be made. The terms of this report do not include addressing the requirements of previous owners and users of the subject property to comply with any applicable environmental regulations.

The Consultant makes no warranty, either expressed or implied, as to the Consultant's findings, recommendations, plans, specifications, or professional advice. The Consultant has endeavored to perform its services in accordance with generally accepted standards of practice in effect at the time of performance. The Client recognizes that neither the Consultant nor any of the Consultant's subconsultants or subcontractors owes any fiduciary responsibility to the Client.

The use of this report or any part of it by any third party, other than the client to whom it is addressed is the responsibility of the third party. Canada Engineering Services Incorporated is not responsible for any damages or losses incurred by any third party arising from the use of this report or for any decisions or actions by any third party based on this report.

12.0 QUALIFICATIONS OF ASSESSOR

The records review, interviews and site visits for this Environmental Site Assessment were carried out by Lawrence Yu, P. Eng., who has twenty years of experience in carrying out Phase One ESAs and Ram Jagdat, P. Eng., who has over thirty years of experience in environmental investigations.

Canada Engineering Services Inc., is a consulting engineering firm that was founded in 1988. It provides a full range of environmental services from Phase One ESA studies to full site remediation as defined by Ontario Regulation 153/04, Records of Site Condition, Part XV.1 of the Environmental Protection Act (EPA), as amended by Ontario Regulation 511/09 (O. Reg. 153/04).

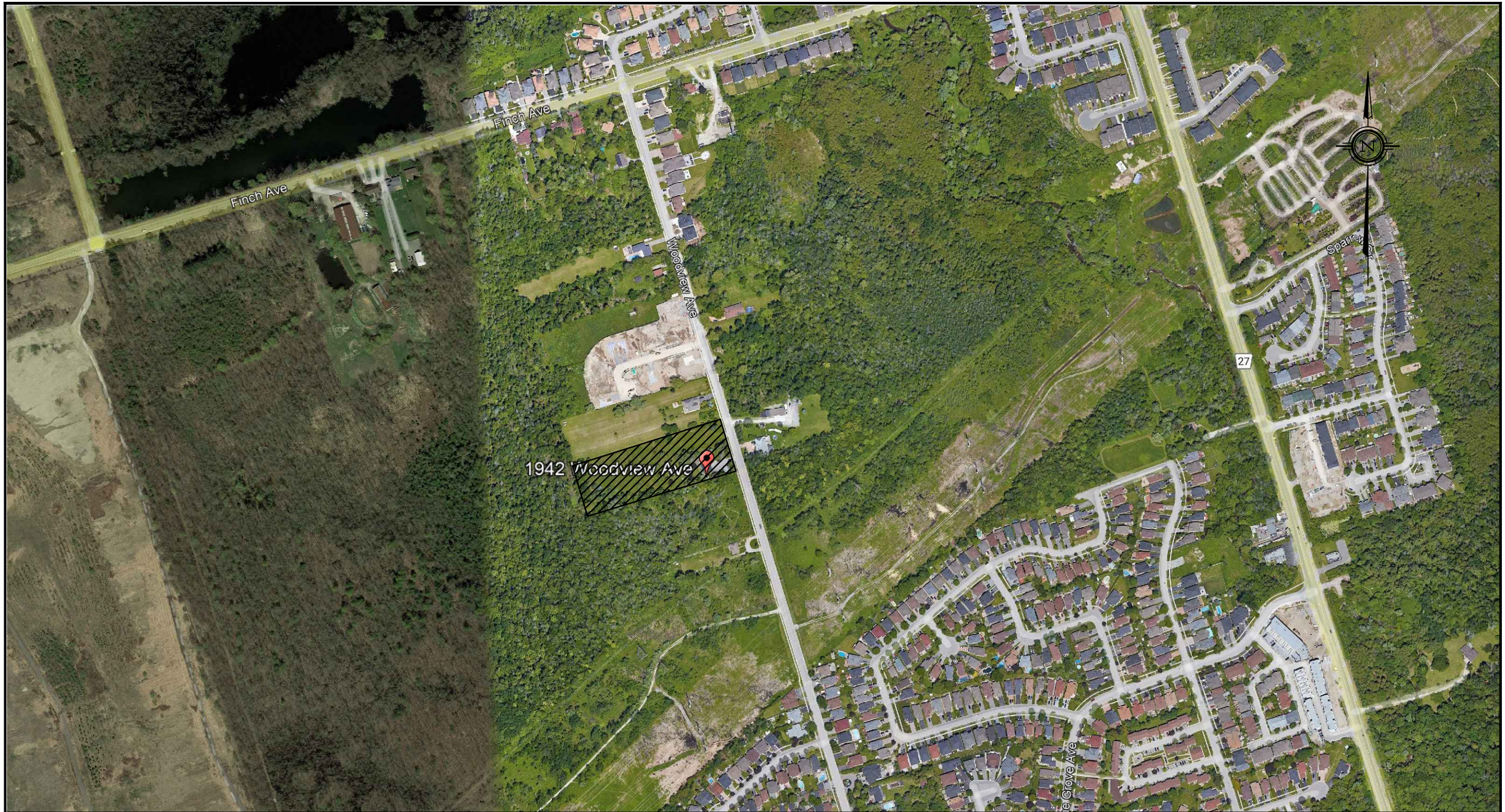
CANADA ENGINEERING SERVICES INC.

Lawrence Yu, P. Eng., QP.
Project Engineer

Ram Jagdat, P. Eng., QP.
Principal

APPENDIX “A”

MAPS, FIGURES AND PHOTOGRAPHS



CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

PHASE I ESA

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

TITLE:

KEYPLAN SHOWING SITE AND SURROUNDINGS

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
1	210189

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SCARBOROUGH, ONTARIO M1T 2H6
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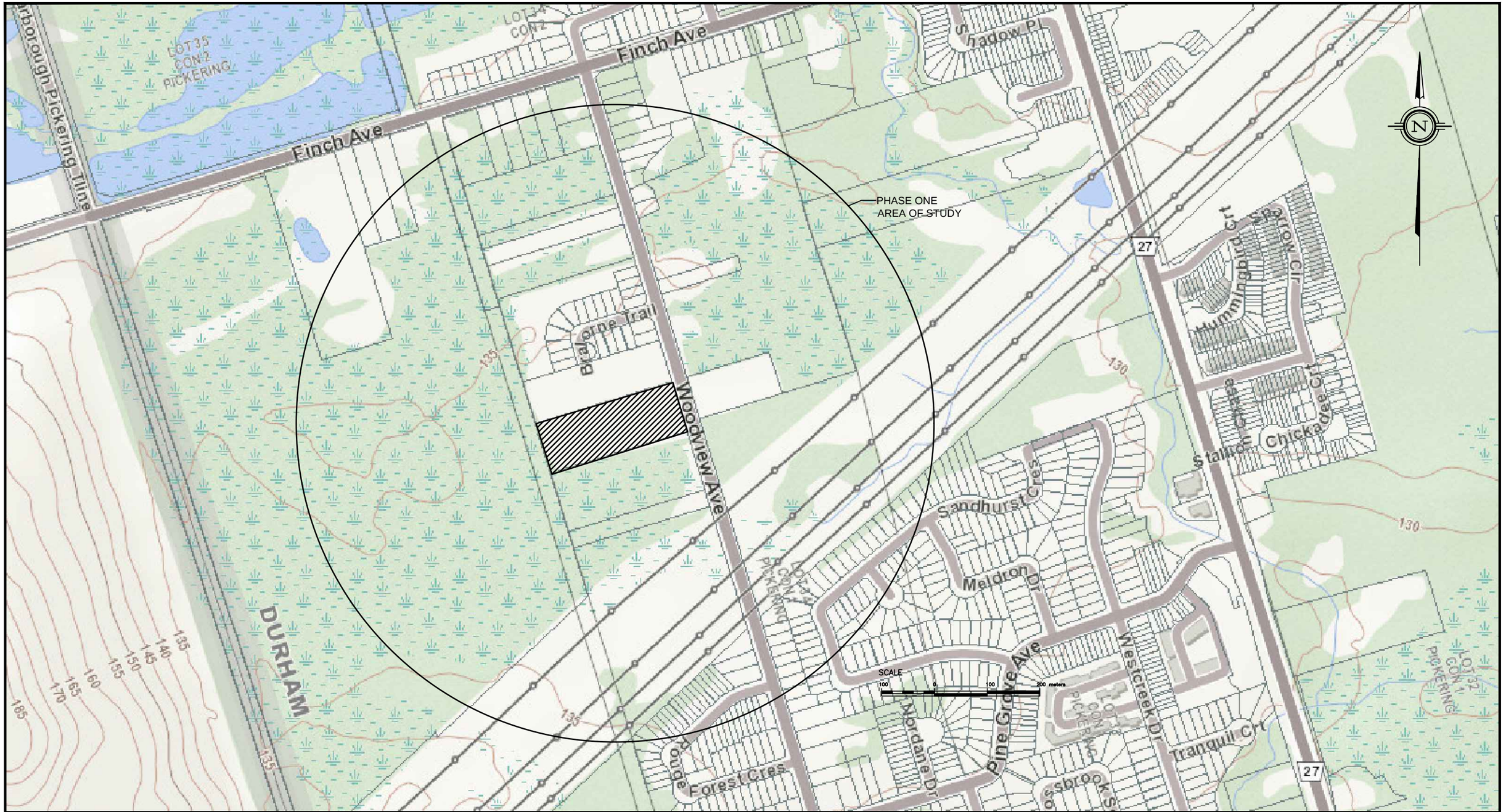

CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

PHASE I ESA

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

TITLE:

TOPOGRAPHIC MAP (OBM)

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AS SHOWN	OCT,2021
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2	210189

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55a
SHALE, LIMESTONE, DOLOSTONE, SILTSTONE
QUEENSTON FORMATION

CLIENT:

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1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

TITLE

BEDROCK GEOLOGY OF SITE

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
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3	210189

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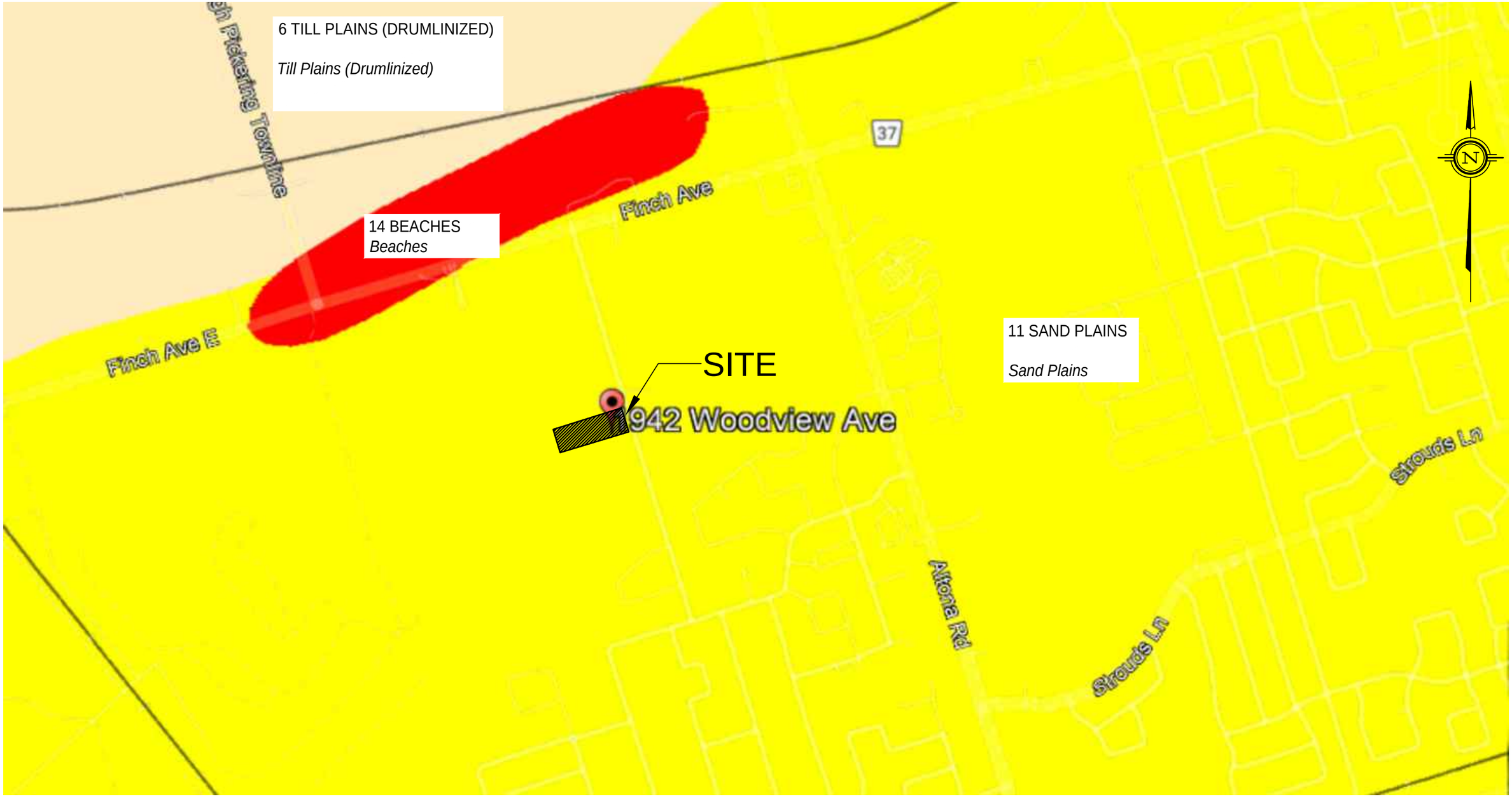

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1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

TITLE

SURFICIAL GEOLOGY OF SITE

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
4	210189

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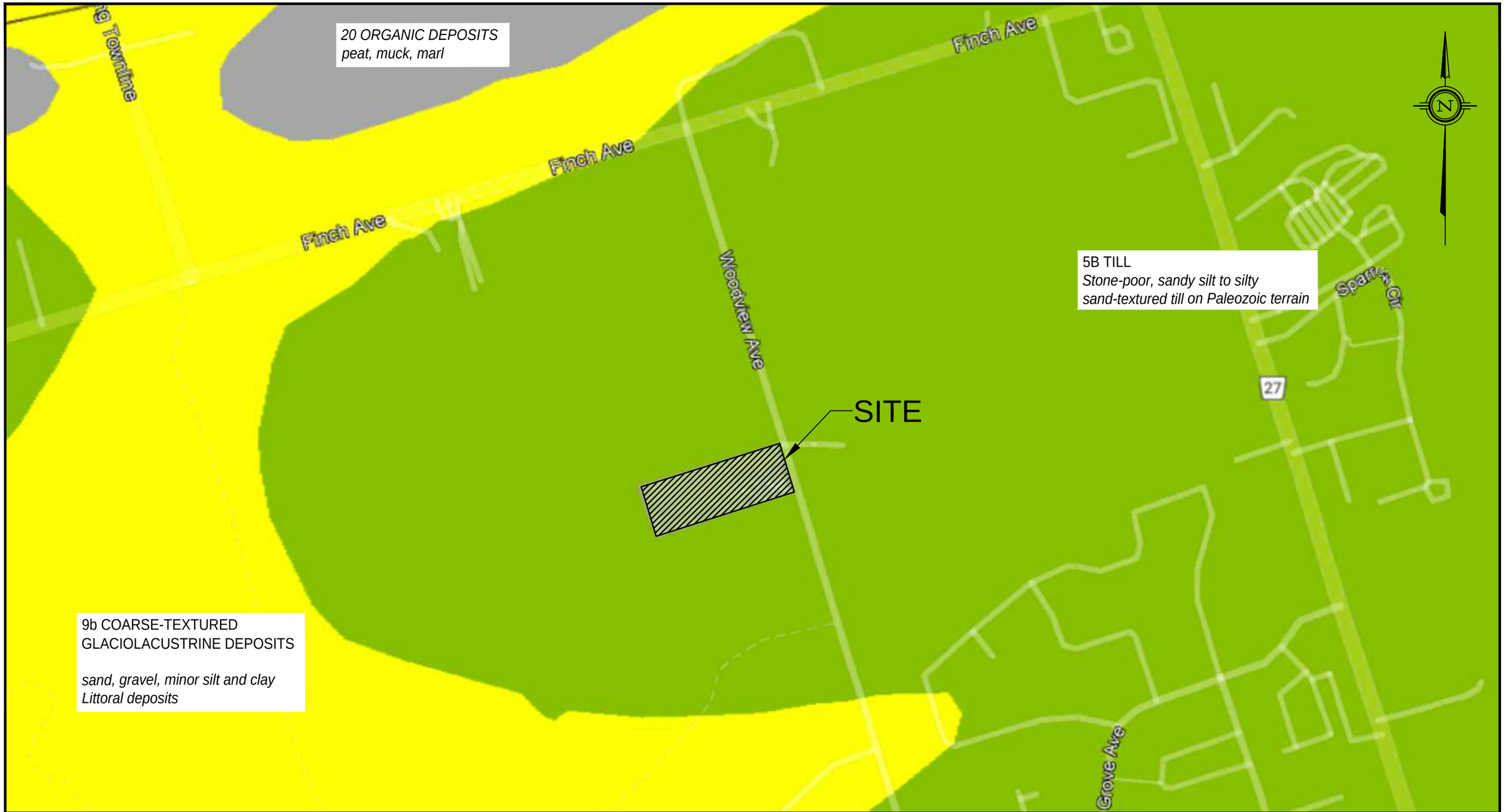

CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

TITLE

SURFICIAL GEOLOGY OF SITE

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
5	210189

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1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 2021

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
6	210189

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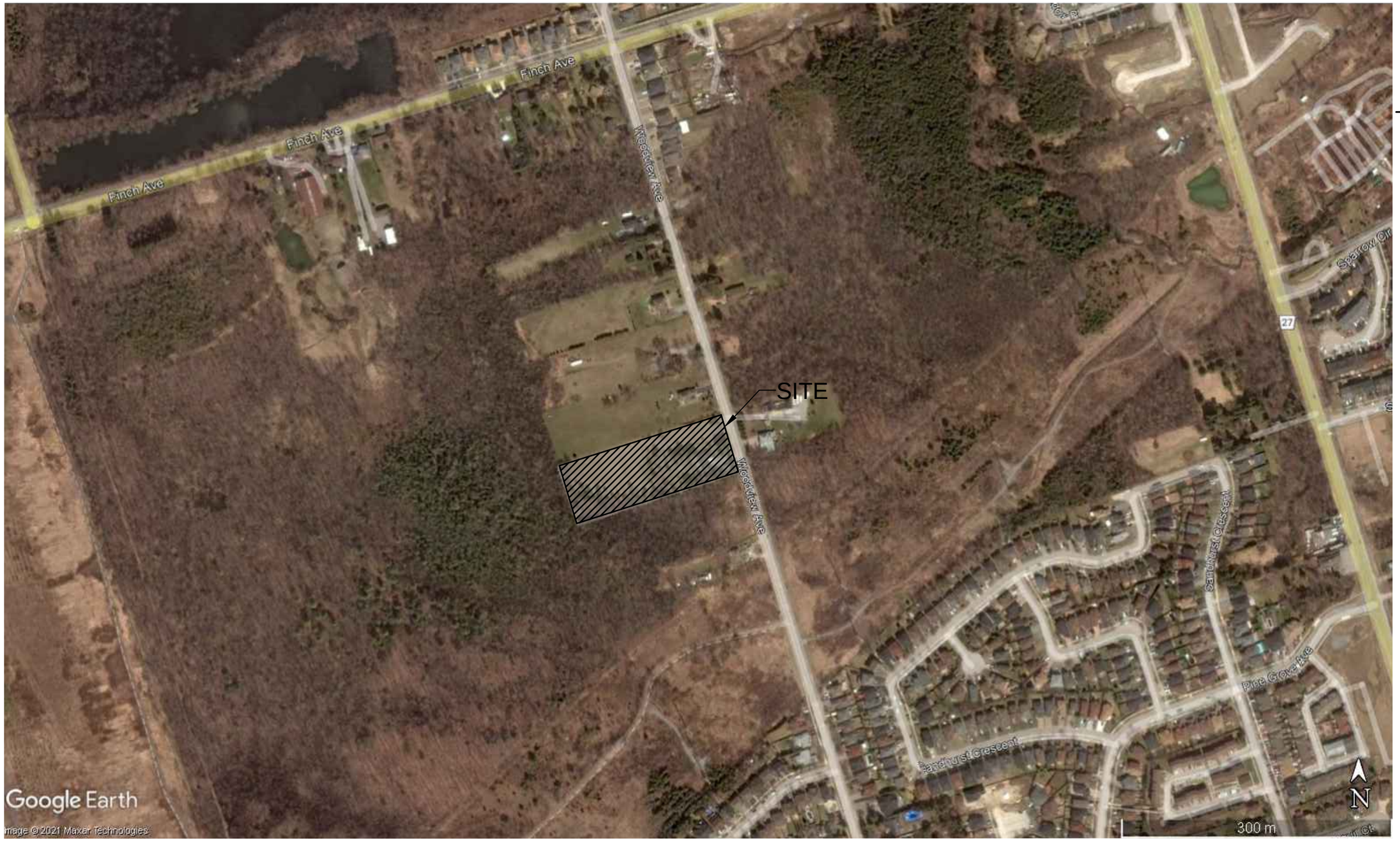

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10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 2016

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
7	210189

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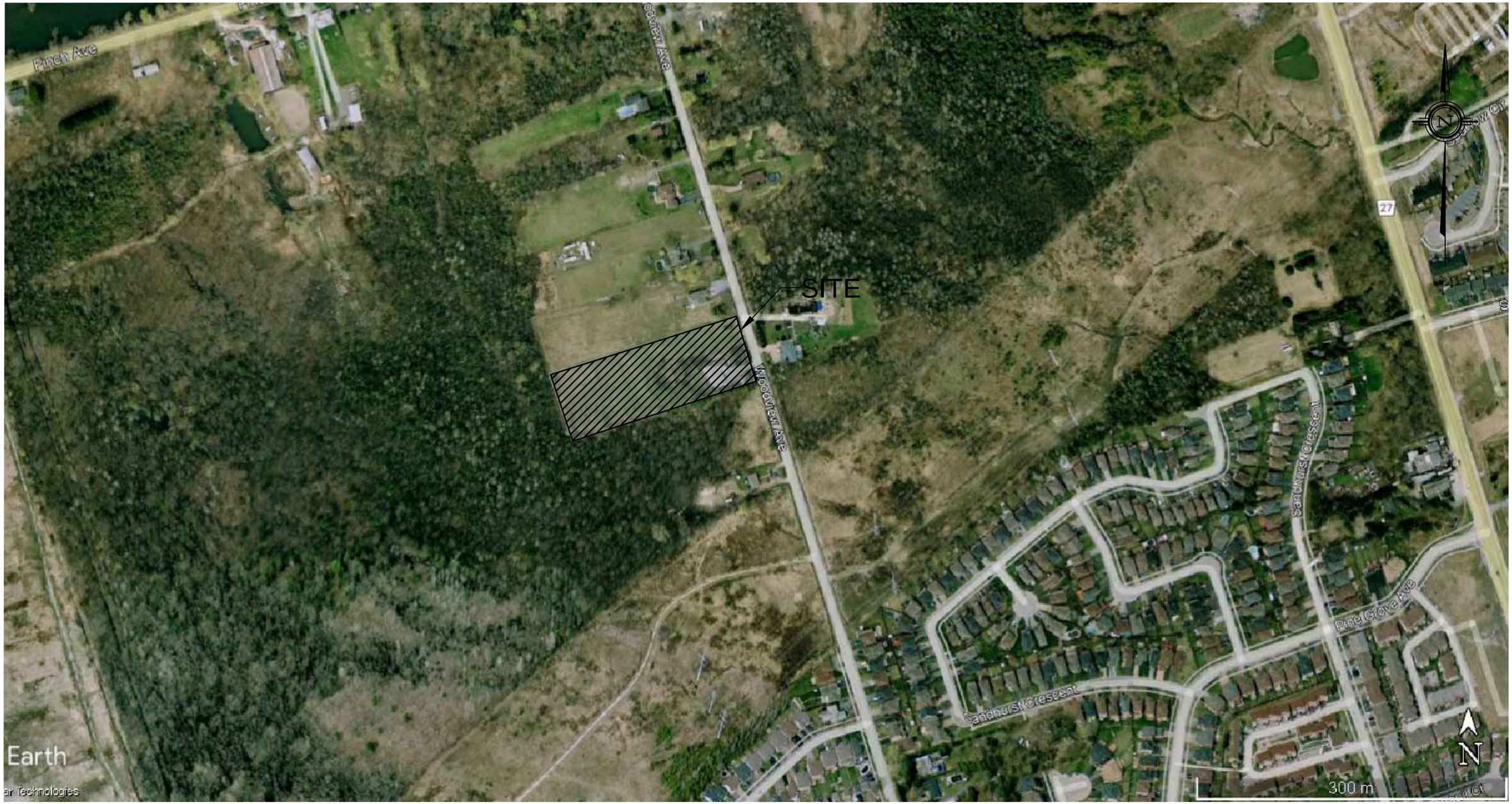
E-mail address: cesi@cesi.ca



CLIENT: 10861808 CANADA CORP 1060 SALK ROAD, UNIT 1 PICKERING, ONTARIO L1W 3U5	PROJECT: AERIAL PHOTOGRAPH 2005 1942 WOODVIEW AVENUE PICKERING, ONTARIO L1V 1L6		SCALE: AS SHOWN DATE: OCT,2021 DRAWING NO: 8 PROJECT No: 210189	**CANADA ENGINEERING SERVICES INC.** 39 DAVISBROOK BOULEVARD SCARBOROUGH, ONTARIO M1T 2H6 Ph: 416 492 4000 Fax: 416 492 4001 E-mail address: cesi@cesi.ca

CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 1999

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
9	210189

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CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 1981

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
10	210189

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CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 1978

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
11	210189

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CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 1970

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
12	210189

CANADA ENGINEERING SERVICES INC.
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CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 1960

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
13	210189

CANADA ENGINEERING SERVICES INC.
39 DAVISBROOK BOULEVARD
SCARBOROUGH, ONTARIO M1T 2H6
Ph: 416 492 4000 Fax: 416 492 4001
E-mail address: cesi@cesi.ca

CLIENT:

10861808 CANADA CORP

1060 SALK ROAD, UNIT 1
PICKERING, ONTARIO
L1W 3U5

PROJECT:

AERIAL PHOTOGRAPH 1939

1942 WOODVIEW AVENUE
PICKERING, ONTARIO
L1V 1L6

SCALE:	DATE:
AS SHOWN	OCT,2021
DRAWING NO:	PROJECT No:
14	210189

CANADA ENGINEERING SERVICES INC.
39 DAVISBROOK BOULEVARD
SCARBOROUGH, ONTARIO M1T 2H6
Ph: 416 492 4000 Fax: 416 492 4001
E-mail address: cesi@cesi.ca

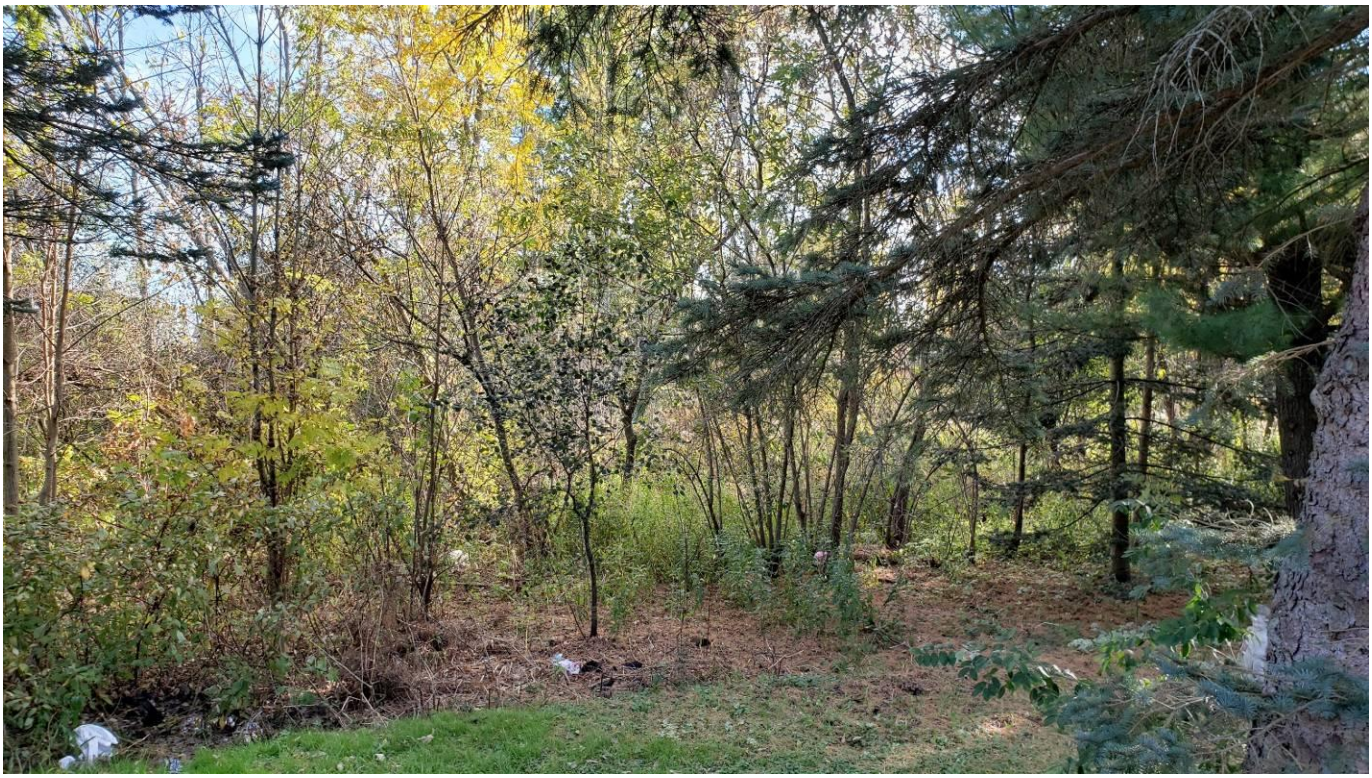
Photograph 1: Facing west on the east side of the property showing the existing house on the subject property.

Photograph 2: Facing west in the middle of the property showing the vacant lands on the west portion.

Photograph 3: Facing east showing the neighbouring house on the east side of Woodview Avenue.

Photograph 4: Facing west showing the house adjacent north of the subject property at 1950 Woodview Avenue.

Photograph 5: Facing northwest, showing the new subdivision under development at 1964 Woodview Avenue, north of the subject property.



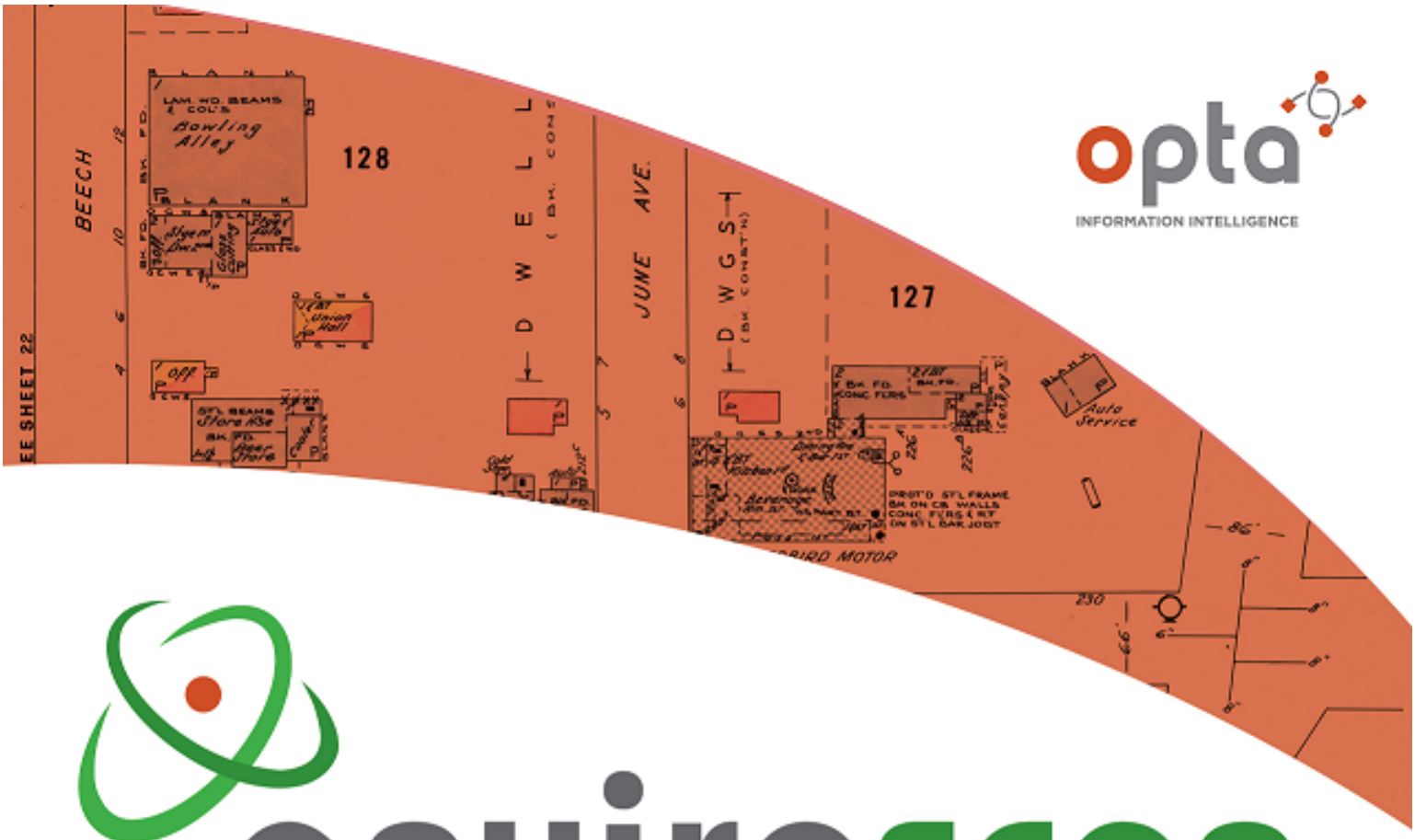
Photograph 6: Facing east showing the forested land on the south side of the subject property.

Photograph 7: In the basement of the house on subject property, showing the natural gas furnace.

Photograph 8: View of the concrete slab in basement directly below the location of the empty oil fuel tank.

APPENDIX “B”

OWNERSHIP/HISTORICAL DOCUMENTATION



opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

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

Report Completed By:

Sunita

Site Address:

1942 Woodview Avenue Pickering ON Canada

Project No:

210189

Opta Order ID:

98408

Requested by:

lawrence yu
Canada Engineering Services Inc.

Date Completed:

10/19/2021 2:38:52 PM

Project Name: Phase I ESA

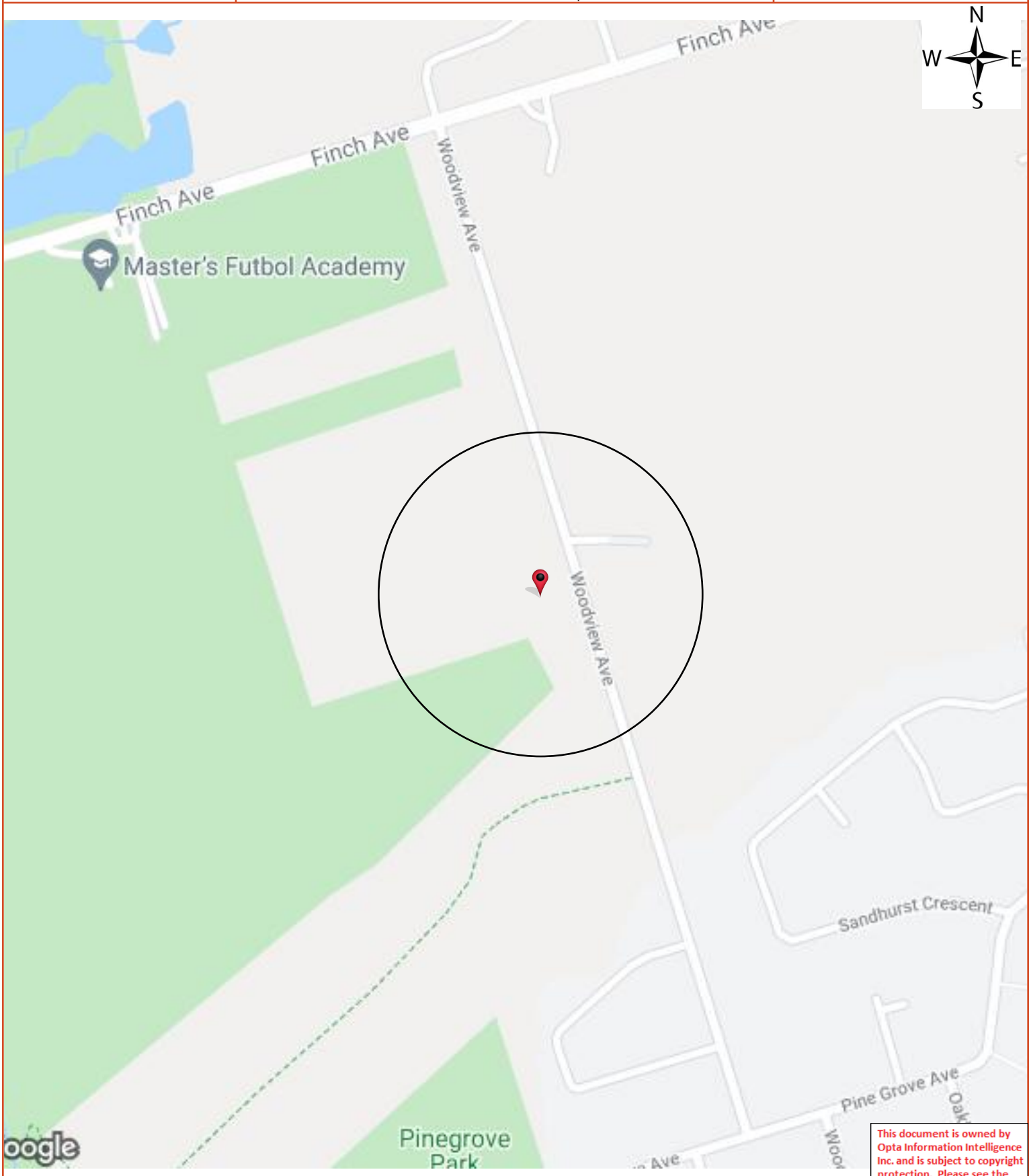
Project #: 210189

ENVIROSCAN Report

Search Area: 1942 Woodview Avenue Pickering ON Canada

Requested by:
lawrence yu
Date Completed: 10/19/2021 14:38:52

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

ENVIROSCAN Report

No Records Found

Requested by:
lawrence yu
Date Completed: 10/19/2021 14:38:52

OPTA INFORMATION INTELLIGENCE

No Records Found

N
W E
S

PROPERTY DESCRIPTION: PT LTS 8 & 9 PL 329, AS IN CO155447 ;; CITY OF PICKERING

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

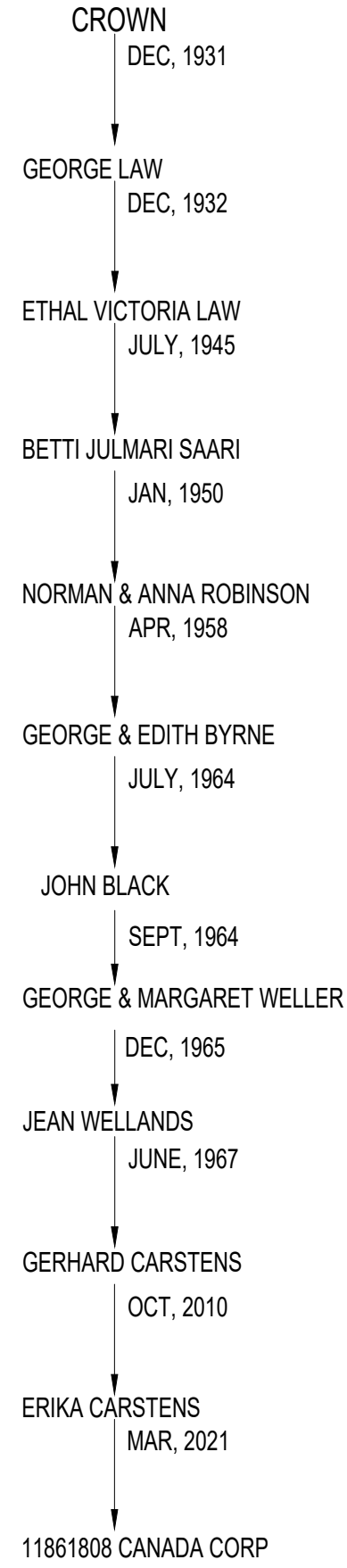
PIN CREATION DATE:
1998/12/21

OWNERS' NAMES
11861808 CANADA CORP.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
EFFECTIVE 2000/07/29 THE NOTATION OF THE "BLOCK IMPLEMENTATION DATE" OF 1998/12/21 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1998/12/21						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1998/12/18 ***						
***SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:*						
*** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES **						
*** AND ESCHEATS OR FORFEITURE TO THE CROWN.*						
*** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF*						
*** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY*						
*** CONVENTION.*						
*** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.*						
***DATE OF CONVERSION TO LAND TITLES: 1998/12/21 ***						
CO155447	1967/06/30	TRANSFER		*** COMPLETELY DELETED ***	CARSTENS, GERHARD CARSTENS, ERIKA	
D508930	1998/01/23	BYLAW				C
DR592241	2007/04/02	CHARGE		*** COMPLETELY DELETED *** CARSTENS, ERIKA CARSTENS, GERHARD	CANADIAN IMPERIAL BANK OF COMMERCE	
DR731350	2008/07/22	CAU AGR PUR & SALE		*** COMPLETELY DELETED *** CARSTENS, ERIKA CARSTENS, GERHARD	HONEYWOOD PROPERTIES INC.	
	REMARKS: 60 DAYS FROM 2008 08 29					
DR772813	2008/12/08	APL (GENERAL)		*** COMPLETELY DELETED ***		

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				HONEYWOOD PROPERTIES INC.		
	REMARKS: DELETE DR731350					
DR794094	2009/03/25	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				CANADIAN IMPERIAL BANK OF COMMERCE		
	REMARKS: DR592241.					
DR794095	2009/03/25	CHARGE		*** COMPLETELY DELETED ***		
				CARSTENS, ERIKA	CANADIAN IMPERIAL BANK OF COMMERCE	
				CARSTENS, GERHARD		
DR845423	2009/10/05	APL OF SURV-LAND		*** COMPLETELY DELETED ***		
				CARSTENS, GERHARD	CARSTENS, ERIKA	
DR901568	2010/05/28	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				CANADIAN IMPERIAL BANK OF COMMERCE		
	REMARKS: DR794095.					
DR1673365	2018/01/11	CHARGE	$739,743	CARSTENS, ERIKA	HOME EQUITY MORTGAGE CORPORATION	C
DR1908012	2020/07/07	TRANSFER OF CHARGE		HOME EQUITY MORTGAGE CORPORATION	HOMEEQUITY BANK	C
	REMARKS: DR1567317 DR1603266 DR1663205 DR1673365 DR1680811 DR1685841 DR1696411 DR1704078 DR1705171 DR1709351 DR1722852 DR1741897 DR1770077 DR1716920 DR1673365					
DR1919864	2020/08/24	CHARGE		*** COMPLETELY DELETED ***		
				CARSTENS, ERIKA	2766748 ONTARIO INC.	
DR1985167	2021/03/23	TRANSFER	$2,675,000	CARSTENS, ERIKA	11861808 CANADA CORP.	C
	REMARKS: PLANNING ACT STATEMENTS.					
DR1985482	2021/03/24	DISCH OF CHARGE		*** COMPLETELY DELETED ***		
				2766748 ONTARIO INC.		
	REMARKS: DR1919864.					


CROWN
DEC, 1931
GEORGE LAW
DEC, 1932
ETHAL VICTORIA LAW
JULY, 1945
BETTI JULMARI SAARI
JAN, 1950
NORMAN & ANNA ROBINSON
APR, 1958
GEORGE & EDITH BYRNE
JULY, 1964
JOHN BLACK
SEPT, 1964
GEORGE & MARGARET WELLER
DEC, 1965
JEAN WELLANDS
JUNE, 1967
GERHARD CARSTENS
OCT, 2010
ERIKA CARSTENS
MAR, 2021
11861808 CANADA CORP
(1942 WOODVIEW AVENUE)

APPENDIX “C”

REGULATORY DATA AND CHEMICAL TEST RESULTS

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

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

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

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

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

Ontario

October 29, 2021

Lawrence Yu
Canada Engineering Services Inc
39 Davisbrook Boulevard
Toronto, ON M1T 2H6

Dear Lawrence Yu:

RE: ***Freedom of Information and Protection of Privacy Act* Request**
Our File # A-2021-06963, Your Reference 210189

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).

The search will be conducted on the following: 1942 Woodview Avenue, 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 and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

This is to advise you, we've gone digital! Requests submitted by fax will no longer be accepted starting August 31, 2021. If you submitted requests by fax before August 31, 2021, we'll process it. Please don't re-submit it using the online form or you might get charged twice. The online form can be found on the central forms repository at the following link https://www.forms.ssb.gov.on.ca/mbs/ssb/forms/ssbforms.nsf/FormDetail?OpenForm&ACT=RDR&TAB=PROFILE&SRCH=1&ENV=WWE&TIT=freedom+of+information&NO=012-2146E.

If you have any questions regarding this matter, please contact Nasreen Salar at or nasreen.salar@ontario.ca.

Yours truly,

Original signed by

Noel Kent
Manager, Access and Privacy

Certificate of Analysis

Environment Testing

Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
Invoice to: Canada Engineering Services Limited
PO#:

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534
Temperature (C): 20
Custody Seal:

Dear Lawrence Yu:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Yasna Hassanabadi, Organics Technician

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated
.
Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accrteditation. The scope is available at http://www.cala.ca/scopes/2602.pdf

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Certificate of Analysis

Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Exceedence Summary

Sample I.D.	Analyte	Result	Units	Criteria

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Hydrocarbons

Lab I.D.					1591704
Sample Matrix					Soil153
Sample Type					
Sample Date					2021-10-25 15:00
Sampling Time					
Sample I.D.					Sample 1
Analyte	**Batch No**	**MRL**	**Units**	**Guideline**	
PHC's F1	411371	10	ug/g	STD 25	<10
PHC's F1-BTEX	411514	10	ug/g		<10
PHC's F2	411328	2	ug/g	STD 10	<2
PHC's F3	411328	20	ug/g	STD 240	20
PHC's F4	411328	20	ug/g	STD 120	<20

Metals

Lab I.D.					1591704
Sample Matrix					Soil153
Sample Type					
Sample Date					2021-10-25 15:00
Sampling Time					
Sample I.D.					Sample 1
Analyte	**Batch No**	**MRL**	**Units**	**Guideline**	
Antimony	411295	1	ug/g	STD 1.3	<1
Arsenic	411295	1	ug/g	STD 18	2
Barium	411295	1	ug/g	STD 220	29
Beryllium	411295	1	ug/g	STD 2.5	<1
Boron (Hot Water Soluble)	411460	0.5	ug/g		<0.5
Boron (total)	411295	5	ug/g	STD 36	<5
Cadmium	411295	0.4	ug/g	STD 1.2	<0.4
Chromium Total	411295	1	ug/g	STD 70	11
Chromium VI	411345	0.20	ug/g	STD 0.66	<0.20
Cobalt	411295	1	ug/g	STD 21	3
Copper	411295	1	ug/g	STD 92	7
Lead	411295	1	ug/g	STD 120	3
Mercury	411295	0.1	ug/g	STD 0.27	<0.1

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

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39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
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Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Metals

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1591704 Sample Matrix Soil153 Sample Type Sample Date 2021-10-25 Sampling Time 15:00 Sample I.D. Sample 1
Molybdenum	411295	1	ug/g	STD 2	<1
Nickel	411295	1	ug/g	STD 82	7
Selenium	411295	0.5	ug/g	STD 1.5	0.6
Silver	411295	0.2	ug/g	STD 0.5	<0.2
Thallium	411295	1	ug/g	STD 1	<1
Uranium	411295	0.5	ug/g	STD 2.5	<0.5
Vanadium	411295	2	ug/g	STD 86	18
Zinc	411295	2	ug/g	STD 290	14

Volatiles

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1591704 Sample Matrix Soil153 Sample Type Sample Date 2021-10-25 Sampling Time 15:00 Sample I.D. Sample 1
Benzene	411369	0.0068	ug/g	STD 0.02	<0.0068
Ethylbenzene	411369	0.018	ug/g	STD 0.05	<0.018
Toluene	411369	0.08	ug/g	STD 0.2	<0.08
Xylene Mixture	411546	0.05	ug/g	STD 0.05	<0.05
Xylene, m/p-	411369	0.05	ug/g		<0.05
Xylene, o-	411369	0.05	ug/g		<0.05

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

Inorganics

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1591704 Sample Matrix Soil153 Sample Type Sample Date 2021-10-25 Sampling Time 15:00 Sample I.D. Sample 1
Cyanide (CN-)	411358	0.005	ug/g	STD 0.051	<0.005
Electrical Conductivity	411355	0.05	mS/cm	STD 0.57	0.21
pH - CaCl2	411347	2.00			8.14
Sodium Adsorption Ratio	411445	0.01		STD 2.4	0.59

Moisture

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1591704 Sample Matrix Soil153 Sample Type Sample Date 2021-10-25 Sampling Time 15:00 Sample I.D. Sample 1
Moisture-Humidite	411328	0.1	%		8.3

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

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Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
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Project: 1942 Woodview Ave, Pickering
COC #: 212534

Guideline = O.Reg 153-T1-All Other Soils - Res/Par/Ins/Ind/Com/Prop

PHC Surrogate

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1591704 Sample Matrix Soil153 Sample Type Sample Date 2021-10-25 Sampling Time 15:00 Sample I.D. Sample 1
Alpha-androstrane	411328	0	%		109

VOCs Surrogates

Analyte	Batch No	MRL	Units	Guideline	Lab I.D. 1591704 Sample Matrix Soil153 Sample Type Sample Date 2021-10-25 Sampling Time 15:00 Sample I.D. Sample 1
Toluene-d8	411369	0	%		116

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

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Client: Canada Engineering Services Limited
39 Davisbrook Blvd
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Attention: Mr. Lawrence Yu
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Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Quality Assurance Summary

Batch No	Analyte	Blank	QC % Rec	QC Limits	Spike % Rec	Spike Limits	Dup % RPD	Duplicate Limits
411295	Silver	<0.2 ug/g	108	70-130	81	70-130	0	0-20
411295	Arsenic	<1 ug/g	104	70-130	89	70-130	0	0-20
411295	Boron (total)	<5 ug/g	106	70-130	98	70-130	0	0-20
411295	Barium	<1 ug/g	102	70-130	105	70-130	0	0-20
411295	Beryllium	<1 ug/g	108	70-130	78	70-130	0	0-20
411295	Cadmium	<0.4 ug/g	111	70-130	89	70-130	0	0-20
411295	Cobalt	<1 ug/g	108	70-130	82	70-130	1	0-20
411295	Chromium Total	<1 ug/g	110	70-130	85	70-130	3	0-20
411295	Copper	<1 ug/g	115	70-130	76	70-130	4	0-20
411295	Mercury	<0.1 ug/g	90	70-130	90	70-130	0	0-20
411295	Molybdenum	<1 ug/g	104	70-130	83	70-130	0	0-20
411295	Nickel	<1 ug/g	112	70-130	75	70-130	3	0-20
411295	Lead	<1 ug/g	103	70-130	84	70-130	5	0-20
411295	Antimony	<1 ug/g	91	70-130	78	70-130	0	0-20
411295	Selenium	<0.5 ug/g	115	70-130	92	70-130	0	0-20
411295	Thallium	<1 ug/g	102	70-130	79	70-130	0	0-20
411295	Uranium	<0.5 ug/g	99	70-130	78	70-130	0	0-20
411295	Vanadium	<2 ug/g	103	70-130	109	70-130	2	0-20
411295	Zinc	<2 ug/g	121	70-130	68	70-130	2	0-20
411328	PHC's F2	<2 ug/g	106	80-120	137	60-140	0	0-30
411328	PHC's F3	<20 ug/g	104	80-120	137	60-140	0	0-30
411328	PHC's F4	<20 ug/g	104	80-120	137	60-140	0	0-30
411328	Moisture-Humidite	<0.1 %	100	80-120			15	
411345	Chromium VI	<0.20 ug/g	81	80-120	81	70-130	0	0-35
411347	pH - CaCl2	5.17	100	90-110			0	
411355	Electrical Conductivity	<0.05	103	90-110			1	0-10
411358	Cyanide (CN-)	<0.005 ug/g	108	75-125	103	70-130	0	0-20
411369	Benzene	<0.0068	100	60-130	118	50-140	0	0-50
411369	Ethylbenzene	<0.018 ug/g	91	60-130	108	50-140	0	0-50
411369	Xylene, m/p-	<0.05 ug/g	95	60-130	112	50-140	0	0-50
411369	Xylene, o-	<0.05 ug/g	90	60-130	108	50-140	0	0-50
411369	Toluene	<0.08 ug/g	95	60-130	111	50-140	0	0-50
411371	PHC's F1	<10 ug/g	105	80-120	107	60-140	0	0-30

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Quality Assurance Summary

Batch No	Analyte	Blank	QC % Rec	QC Limits	Spike % Rec	Spike Limits	Dup % RPD	Duplicate Limits
411445	Sodium Adsorption Ratio	<0.01					6	
411460	Boron (Hot Water Soluble)	<0.5 ug/g	103	70-130	84	75-125	0	0-30
411514	PHC's F1-BTEX							
411546	Xylene Mixture							

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Certificate of Analysis

Client: Canada Engineering Services Limited
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Scarborough, Ontario
M1T 2H6
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PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Test Summary

Batch No	Analyte	Instrument	Prep aration Date	Analysis Date	Analyst	Method
411295	Silver	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Arsenic	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Boron (total)	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Barium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Beryllium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Cadmium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Cobalt	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Chromium Total	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Copper	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Mercury	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Molybdenum	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Nickel	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Lead	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Antimony	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Selenium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Thallium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Uranium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Vanadium	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411295	Zinc	ICAPQ-MS	2021-10-29	2021-10-29	AaN	EPA 200.8/6020
411328	PHC's F2	GC/FID	2021-10-28	2021-10-29	ZoB	CCME
411328	PHC's F3	GC/FID	2021-10-28	2021-10-29	ZoB	CCME
411328	PHC's F4	GC/FID	2021-10-28	2021-10-29	ZoB	CCME
411328	Moisture-Humidite	Oven	2021-10-28	2021-10-29	ZoB	ASTM 2216
411345	Chromium VI	FAA	2021-10-28	2021-10-29	MW	M US EPA 3060A
411347	pH - CaCl2	pH Meter	2021-10-29	2021-10-29	MW	Ag Soil
411355	Electrical Conductivity	Electrical Conductivity Mete	2021-10-29	2021-10-29	Z_S	Cond-Soil
411358	Cyanide (CN-)	Skalar CN Analyzer	2021-10-29	2021-10-29	Z_S	MOECC E3015
411369	Benzene	GC-MS	2021-10-29	2021-10-29	YH	V 8260B
411369	Ethylbenzene	GC-MS	2021-10-29	2021-10-29	YH	V 8260B
411369	Xylene, m/p-	GC-MS	2021-10-29	2021-10-29	YH	V 8260B
411369	Xylene, o-	GC-MS	2021-10-29	2021-10-29	YH	V 8260B
411369	Toluene	GC-MS	2021-10-29	2021-10-29	YH	V 8260B
411371	PHC's F1	GC/FID	2021-10-29	2021-10-29	YH	CCME

Results relate only to the parameters tested on the samples submitted.
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Certificate of Analysis

Client: Canada Engineering Services Limited
39 Davisbrook Blvd
Scarborough, Ontario
M1T 2H6
Attention: Mr. Lawrence Yu
PO#:
Invoice to: Canada Engineering Services Limited

Report Number: 1965523
Date Submitted: 2021-10-26
Date Reported: 2021-11-02
Project: 1942 Woodview Ave, Pickering
COC #: 212534

Test Summary

Batch No	Analyte	Instrument	Prep aration Date	Analysis Date	Analyst	Method
411445	Sodium Adsorption Ratio	iCAP OES	2021-11-01	2021-11-01	Z_S	Ag Soil
411460	Boron (Hot Water Soluble)	iCAP OES	2021-11-01	2021-11-01	Z_S	MOECC E3470
411514	PHC's F1-BTEX	GC/FID	2021-11-02	2021-11-02	YH	CCME
411546	Xylene Mixture	GC-MS	2021-11-02	2021-11-02	YH	V 8260B

Results relate only to the parameters tested on the samples submitted.
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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

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COC #: 212534

Petroleum Hydrocarbons - CCME Checklist

Samples were analysed by Eurofins Ottawa Method AMCCME2, "Petroleum Hydrocarbons in Water and Soil, CCME/TPH", "Petroleum Hydrocarbons in Water and Soil, CCME/TPH". These methods comply with the reference method for the CCME CWS PHC and are validated for use in the laboratory. Eurofins Ottawa is accredited by CALA (ISO 17025) for all CCME F1-F4 fractions as listed in this report. Data for QC samples (blank, duplicate, spike) are available on request

Holding/Analysis Times	Yes/No	If NO, then reasons
All fractions analyzed within recommended hold times/analysis times?	Yes	
F1		
nC6 and nC10 response factors within 30% of toluene	Yes	
BTEX was subtracted from F1 fraction	Yes	
If YES, was F1-BTEX (C6-C10) reported	Yes	
F2		
nC10, nC16 and nC34 response factors within 10% of their average (F2-F4)	Yes	
Linearity within 15% (F2-F4)	Yes	
Napthalene was subtracted from F2 fraction	Yes	
If YES was F2-Napthalene reported	Yes	
F3		
PAH (selected compounds) subtracted from F3 fraction	Yes	
If YES was F3-PAH reported	Yes	
F4		
C50 response factor within 70% of nC10+nC16+nC34 average	Yes	
Chromatogram descended to baseline by retention time of C50	Yes	
if NO was F4 (C34-C50) gravimetric reported		

Note: Gravimetric heavy hydrocarbon results for soil samples is known to be highly variable. Where F4G results have been provided, the F4G result cannot be added to the gas chromatographic result.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective, TDR = Typical Desired Range

eurofins 212534

STANDARD CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

Eurofins Workorder #: 1965523

CLIENT INFORMATION

Company:	Canada Engineering Services Inc.
Contact:	Lawrence Yu
Address:	39 Davisbrook Blvd
Telephone:	416 492 4000 — Cell:
Email: #1:	lawrence@cesi.ca
Email: #2:	ram@cesi.ca
Project:	1942 Woodview Ave, Pickering — Quote #:

INVOICE INFORMATION (SAME AS CLIENT INFORMATION: YES ☑ NO ☐)

Company:	Fax:
Contact:	Email: #1:
Address:	Email: #2:
Telephone:	PO #:

TURN-AROUND TIME (Business Days)

☐ 1 Day* (100%) ☐ 2 Day** (50%) ☐ 3-5 Days (25%) ☑ 5-7 Days (Standard)

Please contact Lab in advance to determine rush availability.

*For results reported after rush due date, surcharges will apply: before 12:00 - 100%, after 12:00 - 50%.

**For results reported after rush due date, surcharges will apply: before 12:00 - 50%, after 12:00 - 25%.

REGULATION/GUIDELINE REQUIRED

☐ Sanitary Sewer, City:____

☐ Storm Sewer, City:____

☐ ODWSOG

☐ PWQO

☐ O. Reg 347/558

☐ Other:____

☐ None

☑ O. Reg 153

Table # 1, Course / Fine, Surface / subsurface.

Type: Com-Ind / Res-Park / Agri / GW / All Other / Sediment

☐ Excess Soil, Table:____ Type:____

The sample results from this submission will form part of a formal Record of Site Condition (RSC) under O.Reg. 153/04 ☐ Yes ☐ No

The optimal temperature conditions during transport should be less than 10°C. Sample(s) cannot be frozen, unless otherwise indicated or agreed upon with the Laboratory. Note that this COC is not to be used for drinking water samples. The COC must be complete upon submission of the samples, there will be a $25 surcharge if required information is missing (required fields are shaded in grey).

Sample ID	Date/Time Collected	Sample Matrix	# of Containers	PHC F1 - F4	BTEX	VOCs	PAHs	PCBs	Metals + Inorganics	Metals only									RN# (Lab Use Only)
Field Filtered -->																			
Sample 1	Oct 25/ 3:00pm	S	4	✓	✓				✓										1591704

(Sample Details: Sample Matrix, # of Containers; Sample Analysis Required: O.Reg.153 parameters)

	PRINT	SIGN	DATE/TIME	TEMP (°C)
Sampled By:	Lawrence Yu	Lawrence Yu	Oct 26/11:00AM	
Relinquished By:			10/26/21 1:40p.m.	
Received By:	Victor Gallant	V.G.	5.7+9	19.8°C

COMMENTS:

CUSTODY SEAL: ☐ YES ☐ NO Ice packs submitted: ☐ Yes ☑ No

APPENDIX “D”

ECOLOG - ERIS DATABASE SEARCH

DATABASE REPORT

Project Property:	*98408* *1942 Woodview Avenue* *Pickering ON L1V 1L6*
Project No:	
Report Type:	*Standard Report*
Order No:	*21101400021*
Requested by:	*Opta Information Intelligence*
Date Completed:	*October 19, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property: *98408*
1942 Woodview Avenue Pickering ON L1V 1L6

Project No:

Coordinates:

Latitude:	*43.8293607*
Longitude:	*-79.1504658*
UTM Northing:	*4,854,583.07*
UTM Easting:	*648,710.18*
UTM Zone:	*17T*

Elevation: *442 FT*
134.85 M

Order Information:

Order No: *21101400021*
Date Requested: *October 14, 2021*
Requested by: *Opta Information Intelligence*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	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	0	0
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	0	0
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	1	1
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
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	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	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	0	9	9
	Total:		1	13	14

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
2	EHS		1942 Woodview Ave Pickering ON L1V1L6	WNW/113.9	1.00	15

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		1918 WOODVIEW ROAD AVENUE lot 34 con 1 PICKERING ON ***Well ID:*** 7045981	SSE/92.8	-0.45	15
3	WWIS		1952 WOODVIEW AVE. PICKERING ON ***Well ID:*** 7259819	NNW/116.7	1.43	16
4	EASR	WOODVIEW HOME CONSTRUCTION INC.	1956 Woodview AVE Pickering ON L1V 1L6	NW/153.4	2.00	20
5	WWIS		1952 WOODVIEW AVE Pickering ON ***Well ID:*** 7314870	WNW/160.6	1.27	20
6	HINC		1960 WOODVIEW AVE| PICKERING ON L1V 1L6	NNW/172.9	2.00	22
6	ECA	Woodview Land Development Corporation	1952, 1956 and 1960 Woodview Ave Pickering ON L3R 1G9	NNW/172.9	2.00	22
6	ECA	Woodview Land Development Corporation	1952, 1956 and 1960 Woodview Ave Pickering ON L3R 1G9	NNW/172.9	2.00	23
7	WWIS		1952 WOODVIEW AVE Pickering ON ***Well ID:*** 7314869	WNW/173.5	2.00	23
8	WWIS		WOODVIEW AVE PICKERING ON ***Well ID:*** 7042514	N/197.0	2.00	25
9	WWIS		lot 34 con 1 ON ***Well ID:*** 4603817	NNE/197.6	2.00	26
10	WWIS		ON ***Well ID:*** 1918488	NNW/198.6	2.00	29
11	WWIS		1952 WOODVIEW AVE Pickering ON	WNW/235.0	2.00	32

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7314868			
12	WWIS		lot 34 con 1 ON ***Well ID:*** 4601246	NNW/244.3	3.00	34

Executive Summary: Summary By Data Source

EASR - Environmental Activity and Sector Registry

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
WOODVIEW HOME CONSTRUCTION INC.	1956 Woodview AVE Pickering ON L1V 1L6	NW	153.43	4

ECA - Environmental Compliance Approval

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Woodview Land Development Corporation	1952, 1956 and 1960 Woodview Ave Pickering ON L3R 1G9	NNW	172.92	6
Woodview Land Development Corporation	1952, 1956 and 1960 Woodview Ave Pickering ON L3R 1G9	NNW	172.92	6

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1942 Woodview Ave Pickering ON L1V1L6	WNW	113.93	2

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1960 WOODVIEW AVE| PICKERING ON L1V 1L6	NNW	172.92	6

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key

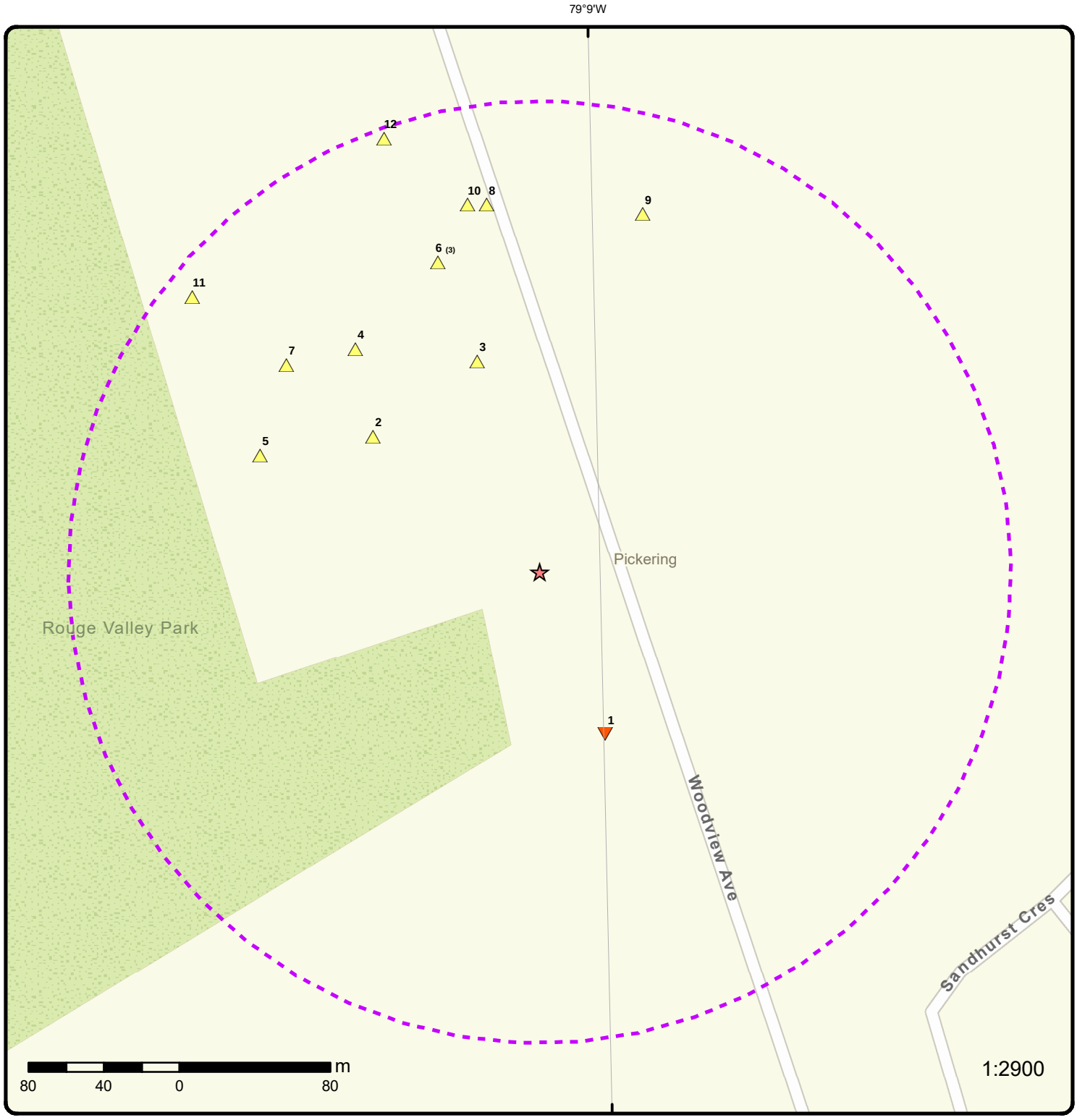
WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2021 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	1952 WOODVIEW AVE. PICKERING ON ***Well ID:*** 7259819	NNW	116.74	3
	1952 WOODVIEW AVE Pickering ON ***Well ID:*** 7314870	WNW	160.61	5
	1952 WOODVIEW AVE Pickering ON ***Well ID:*** 7314869	WNW	173.46	7
	WOODVIEW AVE PICKERING ON ***Well ID:*** 7042514	N	196.96	8
	lot 34 con 1 ON ***Well ID:*** 4603817	NNE	197.60	9
	ON ***Well ID:*** 1918488	NNW	198.63	10
	1952 WOODVIEW AVE Pickering ON ***Well ID:*** 7314868	WNW	234.99	11
	lot 34 con 1 ON ***Well ID:*** 4601246	NNW	244.28	12

Lower Elevation	Address	Direction	Distance (m)	Map Key
	1918 WOODVIEW ROAD AVENUE lot 34 con 1 PICKERING ON	SSE	92.85	1

Well ID: 7045981



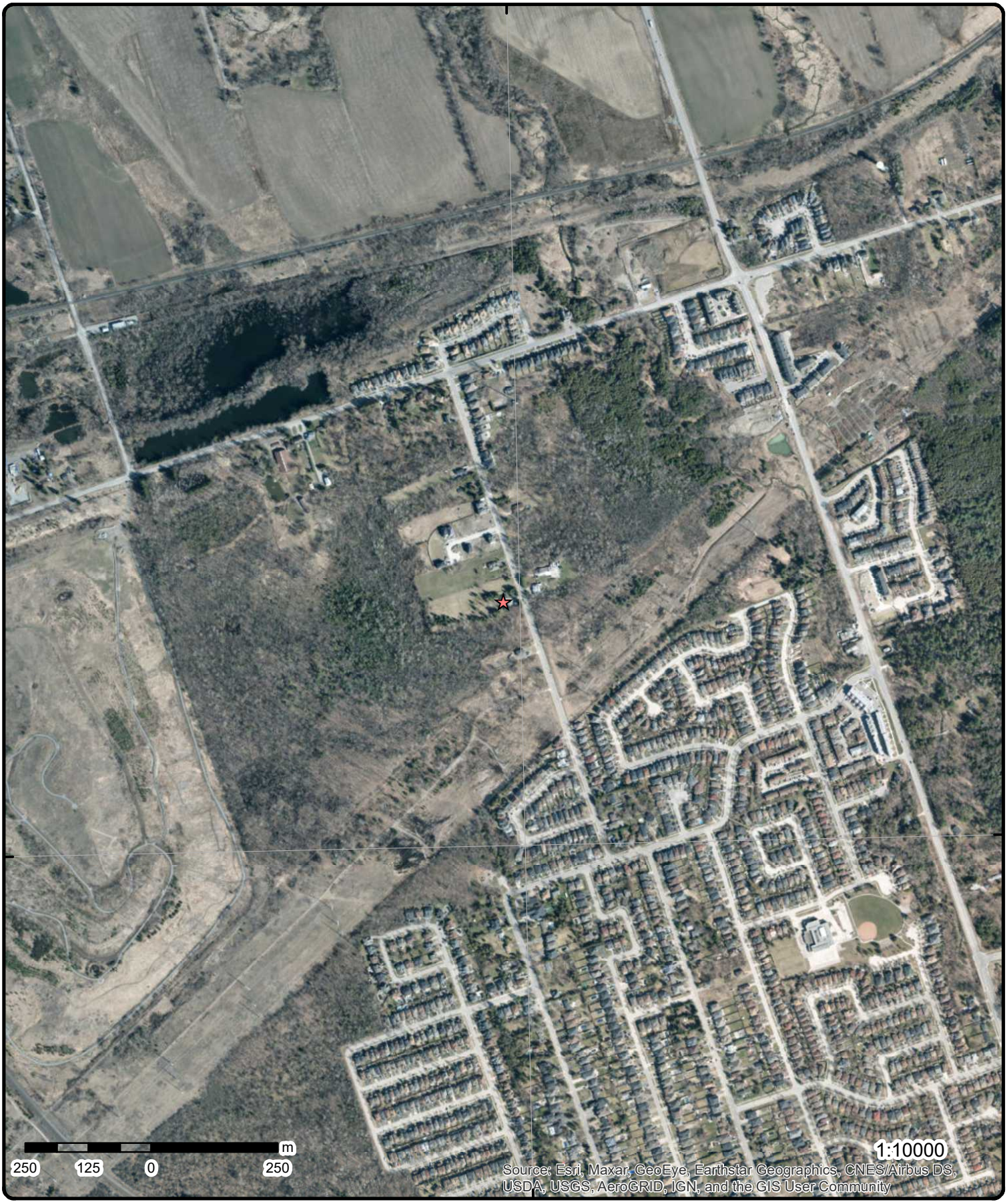
Map: 0.25 Kilometer Radius

Order Number: 21101400021

Address: 1942 Woodview Avenue, Pickering, ON

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

79°9'W



43°49'30"N

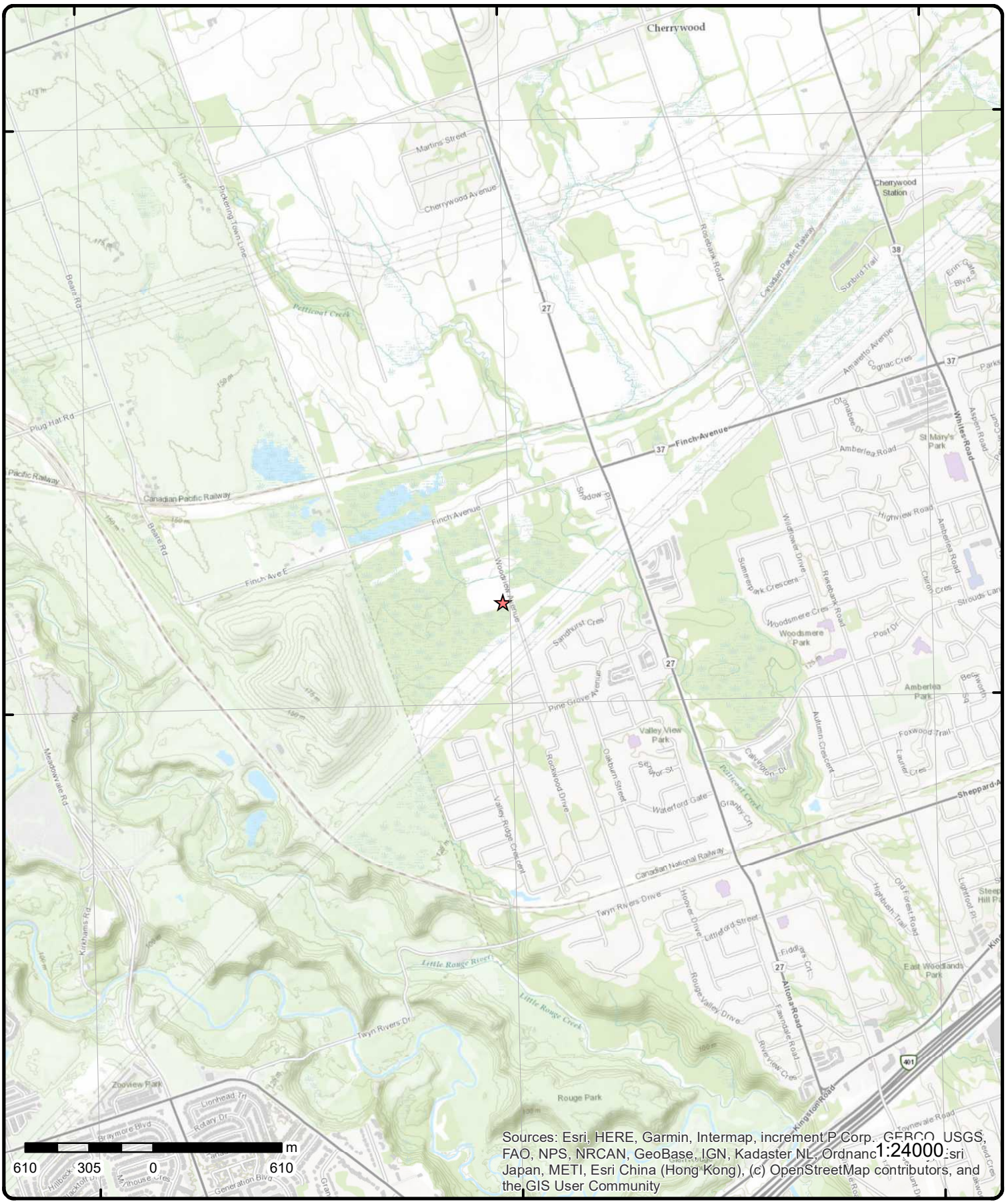
43°49'30"N

Aerial **Year: 2020**

Order Number: 21101400021

Address: 1942 Woodview Avenue, Pickering, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 21101400021

Address: 1942 Woodview Avenue, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	WNW/113.9	135.8 / 1.00	1942 Woodview Ave Pickering ON L1V1L6	EHS

Order No:	20150806017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	12-AUG-15	**Search Radius (km):**	.25
Date Received:	06-AUG-15	**X:**	-79.151545
Previous Site Name:		**Y:**	43.830025
Lot/Building Size:			
Additional Info Ordered:	Topographic Maps		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SSE/92.8	134.4 / -0.45	1918 WOODVIEW ROAD AVENUE lot 34 con 1 PICKERING ON	WWIS

Well ID:	7045981	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/3/2007
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	4102
Casing Material:		**Form Version:**	3
Audit No:	Z57622	**Owner:**	
Tag:		**Street Name:**	1918 WOODVIEW ROAD AVENUE
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01
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/704\7045981.pdf

Additional Detail(s) (Map)

Well Completed Date:	2007/05/17
Year Completed:	2007
Depth (m):	
Latitude:	43.8285791304481
Longitude:	-79.1500569538811
Path:	704\7045981.pdf

Bore Hole Information

Bore Hole ID:	23045981	**Elevation:**	132.115295
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	648745.00

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 17-May-2007 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83: 4854497.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 44000259
Layer: 2
Plug From: 5
Plug To: 0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 44000260
Layer: 3
Plug From:
Plug To:
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 44000261
Layer: 1
Plug From: 6.19999980926514
Plug To: 5
Plug Depth UOM: ft

Pipe Information

Pipe ID: 29045981
Casing No: 0
Comment:
Alt Name:

---

3 | ***1 of 1*** | ***NNW/116.7*** | ***136.3 / 1.43*** | ***1952 WOODVIEW AVE. PICKERING ON*** | ***WWIS***

Well ID: 7259819
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z214112
Tag: A187639
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src:
Date Received: 3/24/2016
Selected Flag: True
Abandonment Rec:
Contractor: 7247
Form Version: 7
Owner:
Street Name: 1952 WOODVIEW AVE.
County: DURHAM
Municipality: PICKERING TOWN
Site Info:
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): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7259819.pdf

Additional Detail(s) (Map)

Well Completed Date:	2015/08/17
Year Completed:	2015
Depth (m):	6.096
Latitude:	43.8303746328846
Longitude:	-79.1508472069061
Path:	725\7259819.pdf

Bore Hole Information

Bore Hole ID:	1005913045	***Elevation:***	134.097686
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	648677.00
Code OB Desc:		***North83:***	4854695.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	17-Aug-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:	1006057139
Layer:	5
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	06
Mat2 Desc:	SILT
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	11.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006057136
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	01

Most Common Material:	FILL
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.5
Formation End Depth:	3.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006057140
Layer:	6
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	15.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006057137
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	3.5
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006057135
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 1006057138
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 66
Mat3 Desc: DENSE
Formation Top Depth: 6.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006057148
Layer: 1
Plug From: 0
Plug To: 13
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1006057147
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1006057134
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006057144
Layer: 1
Slot: 10
Screen Top Depth: 15
Screen End Depth: 20
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.125

Water Details

Water ID: 1006057142
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 6.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006057141
Diameter: 8.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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4 | **1 of 1** | **NW/153.4** | **136.8 / 2.00** | **WOODVIEW HOME CONSTRUCTION INC.**
1956 Woodview AVE
Pickering ON L1V 1L6 | **EASR**

Approval No: R-009-1110420525
Status: REGISTERED
Date: 2018-08-14
Record Type: EASR
Link Source: MOFA
Project Type: Water Taking - Construction Dewatering
Full Address:
Approval Type: EASR-Water Taking - Construction Dewatering
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2087288

SWP Area Name: Toronto
MOE District: York-Durham
Municipality: Pickering
Latitude: 43.83055556
Longitude: -79.15166667
Geometry X:
Geometry Y:

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5 | **1 of 1** | **WNW/160.6** | **136.1 / 1.27** | **1952 WOODVIEW AVE**
Pickering ON | **WWIS**

Well ID: 7314870
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: 0
Water Type:
Casing Material:
Audit No: Z285851
Tag: _NO_TAG
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

PDF URL (Map):

Data Entry Status:
Data Src:
Date Received: 7/19/2018
Selected Flag: True
Abandonment Rec:
Contractor: 7610
Form Version: 7
Owner:
Street Name: 1952 WOODVIEW AVE
County: DURHAM
Municipality: PICKERING TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Additional Detail(s) (Map)

Well Completed Date: 2018/06/04
Year Completed: 2018
Depth (m):
Latitude: 43.8299478079472
Longitude: -79.1522906570184
Path:

Bore Hole Information

Bore Hole ID: 1007183157
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 17

Code OB:		***East83:***	648562.00
Code OB Desc:		***North83:***	4854645.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	04-Jun-2018 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:	1007264626
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007264632
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007264631
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1007264625
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1007264630
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	

Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1007264628
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007264627
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

---

6 ***1 of 3*** ***NNW/172.9*** ***136.8 / 2.00*** ***1960 WOODVIEW AVE| PICKERING ON L1V 1L6*** ***HINC***

External File Num: FS INC 0706-02807
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 5/24/2007
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:No Training:No Management:Yes Human Factors:Yes
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:

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6 ***2 of 3*** ***NNW/172.9*** ***136.8 / 2.00*** ***Woodview Land Development Corporation 1952, 1956 and 1960 Woodview Ave Pickering ON L3R 1G9*** ***ECA***

Approval No: 3048-ASBREV
Approval Date: 2017-10-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Woodview Land Development Corporation
Address: 1952, 1956 and 1960 Woodview Ave
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4386-ARTRWF-14.pdf

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6 | **3 of 3** | **NNW/172.9** | **136.8 / 2.00** | **Woodview Land Development Corporation**
1952, 1956 and 1960 Woodview Ave
Pickering ON L3R 1G9 | **ECA**

Approval No: 3984-ASRLTR
Approval Date: 2017-11-24
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Woodview Land Development Corporation
Address: 1952, 1956 and 1960 Woodview Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3747-AR6JLA-14.pdf

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

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7 | **1 of 1** | **WNW/173.5** | **136.8 / 2.00** | **1952 WOODVIEW AVE**
Pickering ON | **WWIS**

Well ID: 7314869
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: 0
Water Type:
Casing Material:
Audit No: Z285847
Tag: _NO_TAG
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

PDF URL (Map):

Data Entry Status:
Data Src:
Date Received: 7/19/2018
Selected Flag: True
Abandonment Rec:
Contractor: 7610
Form Version: 7
Owner:
Street Name: 1952 WOODVIEW AVE
County: DURHAM
Municipality: PICKERING TOWN
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Additional Detail(s) (Map)

Well Completed Date: 2018/06/04
Year Completed: 2018
Depth (m):
Latitude: 43.8303769493868
Longitude: -79.1521032926493
Path:

Bore Hole Information

Bore Hole ID: 1007183154
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 17
East83: 648576.00

Code OB Desc:		***North83:***	4854693.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	04-Jun-2018 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:	1007264618
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007264624
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007264623
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1007264617
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1007264622
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft

Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1007264620
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007264619
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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8 | **1 of 1** | **N/197.0** | **136.8 / 2.00** | **WOODVIEW AVE PICKERING ON** | **WWIS**

Well ID:	7042514	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	4/10/2007
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	6926
Casing Material:		**Form Version:**	3
Audit No:	Z56246	**Owner:**	
Tag:	A041300	**Street Name:**	WOODVIEW AVE
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING 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): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/704\7042514.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/03/16
Year Completed: 2007
Depth (m):
Latitude: 43.831120550478
Longitude: -79.1507619821508
Path: 704\7042514.pdf

Bore Hole Information

Bore Hole ID:	11765008	**Elevation:**	135.391723
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	_	**East83:**	648682.00

Code OB Desc:	No formation data	**North83:**	4854778.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	16-Mar-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933316953
Layer:	1
Plug From:	0
Plug To:	0.5
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933316954
Layer:	2
Plug From:	0.5
Plug To:	5
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	967042514
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	11772698
Casing No:	1
Comment:	
Alt Name:	

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9 | ***1 of 1*** | ***NNE/197.6*** | ***136.8 / 2.00*** | ***lot 34 con 1 ON*** | ***WWIS***

Well ID:	4603817	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/20/1968
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5420
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	034
Well Depth:		**Concession:**	01

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\4603817.pdf

Additional Detail(s) (Map)

Well Completed Date:	1968/08/22
Year Completed:	1968
Depth (m):	4.2672
Latitude:	43.8310589099537
Longitude:	-79.1497353178356
Path:	460\4603817.pdf

Bore Hole Information

Bore Hole ID:	10295167	**Elevation:**	134.483047
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	648764.70
Code OB Desc:	Overburden	**North83:**	4854773.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	22-Aug-1968 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:	931954241
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931954239
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

Overburden and Bedrock Materials Interval

Formation ID: 931954240
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964603817
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10843737
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930487363
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 14
Casing Diameter: 34
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 994603817
Pump Set At:
Static Level: 6.0
Final Level After Pumping:
Recommended Pump Depth: 14.0
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 3.0

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933766094
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6.0
Water Found Depth UOM:	ft

10 ***1 of 1*** ***NNW/198.6*** ***136.8 / 2.00*** ***ON*** ***WWIS***

Well ID:	1918488	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	11/21/2006
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Dewatering	**Abandonment Rec:**	
Water Type:		**Contractor:**	6926
Casing Material:		**Form Version:**	3
Audit No:	Z56216	**Owner:**	
Tag:	A041300	**Street Name:**	
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING 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): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/191\1918488.pdf

Additional Detail(s) (Map)

Well Completed Date:	2006/11/09
Year Completed:	2006
Depth (m):	5
Latitude:	43.8311225625667
Longitude:	-79.1508862935601
Path:	191\1918488.pdf

Bore Hole Information

Bore Hole ID:	11692180	**Elevation:**	135.628845
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	648672.00
Code OB Desc:	Overburden	**North83:**	4854778.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3

Date Completed: 09-Nov-2006 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 933071936
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.8999999761581421
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933071939
Layer: 4
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Mat2 Desc: SILTY
Mat3:
Mat3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 5.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 933071938
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 84
Mat2 Desc: SILTY
Mat3: 34
Mat3 Desc: TILL
Formation Top Depth: 2.9000000953674316
Formation End Depth: 4.0
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	933071937
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.8999999761581421
Formation End Depth:	2.9000000953674316
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933302470
Layer:	2
Plug From:	0.5
Plug To:	5
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933302469
Layer:	1
Plug From:	0
Plug To:	0.5
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961918488
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11697046
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930887192
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5
Casing Diameter:	2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	933420525
Layer:	1
Slot:	20
Screen Top Depth:	4
Screen End Depth:	5
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	2

Water Details

Water ID:	934071121
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	1.2000000476837158
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11755799
Diameter:	8.0
Depth From:	0.0
Depth To:	5.0
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

11 | ***1 of 1*** | ***WNW/235.0*** | ***136.8 / 2.00*** | ***1952 WOODVIEW AVE Pickering ON*** | ***WWIS***

Well ID:	7314868	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	7/19/2018
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	0	**Abandonment Rec:**	
Water Type:		**Contractor:**	7610
Casing Material:		**Form Version:**	7
Audit No:	Z285842	**Owner:**	
Tag:	_NO_TAG	**Street Name:**	1952 WOODVIEW AVE
Construction Method:		**County:**	DURHAM
Elevation (m):		**Municipality:**	PICKERING 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:	2018/06/04
Year Completed:	2018
Depth (m):	
Latitude:	43.8307109682916
Longitude:	-79.1527148469854

Path:

Bore Hole Information

Bore Hole ID:	1007183151	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	648526.00
Code OB Desc:		**North83:**	4854729.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04-Jun-2018 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:	1007264610
Layer:	
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	
Formation End Depth:	
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007264616
Layer:	1
Plug From:	0
Plug To:	20
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1007264615
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1007264609
Casing No:	0
Comment:	
Alt Name:	

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

Construction Record - Screen

Screen ID:	1007264614
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1007264612
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007264611
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

12	***1 of 1***	***NNW/244.3***	***137.8 / 3.00***	***lot 34 con 1 ON***	***WWIS***

Well ID:	4601246	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/4/1966
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	5420
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	DURHAM
Elevation (m):		***Municipality:***	PICKERING TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	034
Well Depth:		***Concession:***	01
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\4601246.pdf

Additional Detail(s) (Map)

Well Completed Date:	1966/05/30
Year Completed:	1966
Depth (m):	2.7432
Latitude:	43.8314464423765

Longitude: -79.1514272682981
Path: 460\4601246.pdf

Bore Hole Information

Bore Hole ID:	10292615	**Elevation:**	135.917068
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	648627.70
Code OB Desc:	Overburden	**North83:**	4854813.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	30-May-1966 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: 931944186
Layer: 4
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931944183
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

Overburden and Bedrock Materials Interval

Formation ID: 931944185
Layer: 3
Color:
General Color:

Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931944184
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964601246
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10841185
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930484520
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	9
Casing Diameter:	30
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994601246
Pump Set At:	
Static Level:	2.0
Final Level After Pumping:	
Recommended Pump Depth:	8.0
Pumping Rate:	

Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933763559
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	5.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: 2 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	INTRACORP DEV. (ROUGE HILL) LTD.	PT.LOT 35/RANGE1,ROUGE LANDING	SCARBOROUGH CITY ON	
WWIS		lot 34	ON	

Unplottable Report

Site: ***INTRACORP DEV. (ROUGE HILL) LTD.***
PT.LOT 35/RANGE1,ROUGE LANDING SCARBOROUGH CITY ON

Database: ***CA***

Certificate #:	3-0492-97-
Application Year:	97
Issue Date:	6/27/1997
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
lot 34 ON

Database: ***WWIS***

Well ID:	6917874	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Industrial	***Date Received:***	3/25/1986
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	5459
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	YORK AND TORONT
Elevation (m):		***Municipality:***	SCARBOROUGH BOROUGH
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	034
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:	10508212	***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:	12-Aug-1985 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: 932787567
Layer: 6
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 10
Mat2 Desc: COARSE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 51.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787570
Layer: 9
Color: 3
General Color: BLUE
Mat1: 28
Most Common Material: SAND
Mat2: 08
Mat2 Desc: FINE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787571
Layer: 10
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 125.0
Formation End Depth: 195.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787569
Layer: 8
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 59.0

Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787566
Layer: 5
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 09
Mat2 Desc: MEDIUM SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 51.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787562
Layer: 1
Color:
General Color:
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787563
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787568
Layer: 7
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 59.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787564
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932787565
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 08
Mat2 Desc: FINE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 37.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966917874
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11056782
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930821763
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 48
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	933395325
Layer:	1
Slot:	016
Screen Top Depth:	48
Screen End Depth:	54
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6

Results of Well Yield Testing

Pump Test ID:	996917874
Pump Set At:	
Static Level:	29.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	55.0
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934623886
Test Type:	Draw Down
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934365502
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934881881
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935147399
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	934000810
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	54.0
Water Found Depth UOM:	ft

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 2019

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: May 31, 2021

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 -Aug 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-Jul 2021

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- Aug 31, 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: May 31, 2021

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- Aug 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- Aug 31, 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- Aug 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-Jun 30, 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: May 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-Aug 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: May 31, 2021

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-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-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-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Aug 31, 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- Aug 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: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994- Aug 31, 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-Aug 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: May 31, 2021

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- Aug 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.