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Phase One Environmental Site Assessment Update

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Prepared for:
G.C. Family Investments Inc.
c/o The Remington Group

Prepared By:
AME – Materials Engineering

February 8, 2023

AME Project Nos: 30291.125

EXECUTIVE SUMMARY

The Phase One Property is located on the south side of Burnhamthorpe Road West. Specifically, the Phase One Property is comprised of the parcel which is assigned the municipal addresses 210 Burnhamthorpe Road West.

The Phase One Property mainly consists of two (2) sections, the north section consisting of a one-storey residential dwelling, with basement and attached garage, and the south section consisting of vacant vegetated lands. The Phase One Property is rectangular in shape and consists of an area of approximately 0.67 hectares (1.66 acres).

The approximate UTM coordinates of the centroid of the Phase One Property are Zone (17T) 600828 m E & 4815626 m N.

The neighbouring properties consist of Burnhamthorpe Road West, followed by agricultural / residential properties / new roadway development to the north, residential and agricultural properties to the east, vacant agricultural properties and a residential development to the south & agricultural properties to the west. No property within the vicinity of the Phase One Property is used for automotive / industrial / gas station / dry-cleaning purposes.

It is our understanding that this Phase One ESA Update is required in support of a proposed residential development.

Historical research, land title research, interview and a site inspection were conducted to determine the environmental risks associated with the past and current uses of the Phase One Property.

Based on the review of records, the site visit and the interview, we have identified the following Potentially Contaminating Activities (PCAs) pertaining to the Phase One Property:

PCA1 - Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing and large scale applications are identified as being potentially contaminating activity (PCA) #40 in Table 2 of Schedule E of the Environmental Protection Act. Hence, an area of potentially contaminating activity (APEC), in relation to PCA #40, was identified as being at the Phase One Property.

PCA2 - Gasoline and associated products storage in fixed tanks are identified as being potentially contaminating activity (PCA) #28 in Table 2 of Schedule E of the Environmental Protection Act. Hence, an APEC, in relation to PCA #28, was identified as being at the Phase One Property.

It should be noted that soil samples were retrieved from the APECs at the Phase One Property and submitted for chemical analysis. Based on the results of the chemical analysis, no further issues were noted within the vicinity of the vent / filler pipes & above-ground storage tank (AST) associated with PCA2 noted above.

However, metals (specifically Lead) impacted soil was noted within some of the samples retrieved from the southern section of the Phase One Property, associated with PCA1 noted above. The metals (lead) impacted soil was delineated, excavated and removed from the Phase One Property. Upon removal of the impacted soil, verification samples of the floor and the sidewalls of the excavation were retrieved and submitted for analysis. Based on the results of the soil analysis for the verification samples, all the verification samples were found to be within the appropriate site condition standards. Hence, the material remaining at the Phase One Property was found to be suitable for the proposed residential use.

In addition, based on our recent review of records, site visit and interview, we have determined that no items of potentially adverse environmental concern have been identified at the Phase One Property since the publication of our previous reports.

Hence, we are of the opinion that no further environmental works are required at this time and the Phase One Property is suitable for the proposed residential use.

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APPENDICES

1.0 INTRODUCTION

In accordance with your request, **AME - Materials Engineering (AME)** has executed a Phase One Environmental Site Assessment Update ('Phase One ESA Update') for a site consisting of 210 Burnhamthorpe Road West, in the Town of Oakville, Ontario, is hereinafter referred to as being the 'Phase One Property.'

The location of the Phase One Property is presented on the Phase One Property Location Plan (Drawing No. 1 in Appendix A).

The Phase One Property and the other properties wholly or partially within 250 m from the boundaries of the Phase One Property are collectively referred to as the 'Phase One Study Area' in this report.

The assessment was executed in order to determine the potential for contamination to be present at the Phase One Property which might pose a hazard to humans or the environment, or which may have a significant impact on the value of the property. This was achieved by performing a historical review of the past uses of properties within the Phase One Study Area, using readily available public records from the Provincial and Municipal governments.

This Phase One ESA Update was prepared by **AME** for G.C. Family Investments Inc., in care of The Remington Group (referred to as the 'client'). The procedures and protocol for this Phase One ESA Update are in accordance with Ontario Regulation 153/04 (as amended) made under the Environmental Protection Act, and the material in it reflects the best judgement of personnel with **AME,** in light of the information available at the time of report preparation.

Conditions noted in this report are general in nature. This report presents the results of the investigation and the conclusions we have drawn regarding the possible impact of the conditions observed at the time of making the assessment.

1.1 Property Information

The Phase One Property is located on the south side of Burnhamthorpe Road West. Specifically, the Phase One Property is comprised of the parcel which is assigned the municipal addresses 210 Burnhamthorpe Road West.

The Phase One Property mainly consists of two (2) sections, the north section consisting of a one-storey residential dwelling, with basement and attached garage, and the south section consisting of vacant vegetated lands. The Phase One Property is rectangular in shape and consists of an area of approximately 0.67 hectares (1.66 acres).

The approximate UTM coordinates of the centroid of the Phase One Property are Zone (17T) 600748 m E & 4815632 m N.

The neighbouring properties consist of Burnhamthorpe Road West, followed by agricultural / residential properties / new roadway development to the north, residential and agricultural properties to the east, vacant agricultural properties and a residential development to the south & agricultural properties to the west. No property within the vicinity of the Phase One Property is used for automotive / industrial / gas station / dry-cleaning purposes.

2.0 SCOPE OF INVESTIGATION

The assessment was executed in order to determine the potential for contamination to be present at the Phase One Property which may be detrimental to humans or the environment, or which may have a significant impact on the value of the Phase One Property. This was achieved by performing a historical review of the past uses of the Phase One Study Area using readily available public records from the Provincial and Municipal governments, aerial photographs, topographic maps, a historical atlas and title searches.

A visual inspection of the Phase One Property was conducted on Thursday December 8, 2022, in order to identify any area of potential environmental concern pertaining to the Phase One Property.

An interview was conducted with a person knowledgeable of the Phase One Property.

This report is indicative of the conditions at the time of our review of records, interviews, and site visit. Conditions noted in this report are general in nature. This report presents the results of the investigation and the conclusions we have drawn regarding potential environmental impact at the Phase One Property.

3.0 HISTORICAL RECORDS REVIEW

3.1 General

3.1.1 Study Area Determination

The following considerations were made by the Qualified Person 'QP' regarding the selection of the Phase One Study Area:

* No property within the vicinity of the Phase One Property is used for automotive / industrial / gas station / dry-cleaning purposes.
* The Phase One Property is situated in an area which is generally considered to be rural.

Based on the relatively low risk of the above stated factors, the Phase One Study Area presented in this report will consist of the Phase One Property and any other property, partially or wholly, within 250m from the boundaries of the Phase One Property (as generally stipulated in O.Reg. 153/04).

3.1.2 First Developed Use

The historical atlas of Halton County (now the Regional Municipality of Halton) was searched. A census map from the year 1875, showing the Phase One Property, was obtained. The Phase One Property is part of Lot 17, Concession 1, North of Dundas Street (NDS), Oakville.

The map indicates that the Phase One Property consists of a portion of a larger agricultural estate owned by Benjamin Tuck.

There were no structures or orchards situated at the Phase One Property.

The neighbouring properties consisted mainly of a roadway followed by agricultural and residential properties, to the north & agricultural properties, with residential components, to the east, south & west.

An excerpt from the 1875 historical census map, showing the location of the Phase One Property, is presented on the 1875 Historical Census Map of Halton County (Drawing No. 2 in Appendix A).

3.1.3 Fire Insurance Plans

No fire insurance plan was available for the Phase One Property.

3.1.4 Chain of Title

Information pertaining to the parcel is presented in Table A.

Table A: Information from Parcel Register

Municipal Address	Property Identifier Number (PIN)	Property Description	Owners Interest	Registered Owner
210 Burnhamthorpe Road West	24929-0062 (LT)	PT LT 17, CON 1 TRAFALGAR, NORTH OF DUDAS STREET, PART 1, 20R5583; OAKVILLE/TRAFALGAR.	Fee Simple	Ankara Realty Limited & G.C. Family Investments Inc.

The chain of title indicates that the Phase One Property was generally transferred through private individuals and recently real estate and / or development corporations. Tables indicating the current and past uses of the Phase One Property are presented in Appendix B.

3.1.5 Occupancy Directories

A Phase One ESA was previously conducted in 2020, for the portion of the Phase One Property.

The Oakville City Directories for the years 1965, 1970, 1975, 1981, 1985, 1990, 1994, 1995, 1998 & 2001, were reviewed.

There were no records of any businesses being at the Phase One Property. However, there were records for some businesses at properties within 250 m from the boundaries of the Phase One Property. Information pertaining to the records for these businesses are presented in Table B.

Table B: Oakville City Directory Records of Businesses being within 250 m from the boundaries of the Phase One Property

Municipal Address	Business Name	Years of Operation	Type of Business	Distance and Direction from Phase One Property
185 Burnhamthorpe Road West	Featherstone D. Ornamental Metal / Featherstone D. Custom Services	1981 through 2001	Custom Metal Fabricator	Approximately 50 m north of the north-east corner of the Phase One Property
391 Burnhamthorpe Road West	Welding Institute of Canada	1981	Welding	Approximately 160 m west of the Phase One Property
391 Burnhamthorpe Road West	4 Comm Integrated Technologies Inc. / All Care Landscape	2001	Communications & Landscaping	Approximately 180 m west of the Phase One Property.

Note: The above noted properties are mainly residential properties with a business component. They are not considered to be major commercial properties.

3.1.6 Previous Geotechnical / Environmental Reports

AME conducted previous reports pertaining to the Phase One Property. A Geotechnical Investigation (conducted in 2020), a Phase One Environmental Site Assessment Update (conducted in 2020), a Phase Two Environmental Site Assessment (conducted in 2020), a Phase Two

Environmental Site Assessment – Report on Delineation of Impacted Soils (conducted in 2020), a Chemical Characterization of Soil (conducted in 2020), a Phase Two Environmental Site Assessment – Remediation Report (conducted in 2021) and the filing of a Record of Site Condition (filed in 2022) were conducted for the Phase One Property. Information pertaining to these previous investigations are summarized below:

3.1.6.1 2020 Geotechnical Investigation (AME)

A geotechnical investigation was conducted for the Phase One Property in 2022. The geotechnical investigation was titled 'Geotechnical Investigation, Proposed Residential Development, 210 Burnhamthorpe Road West, Town of Oakville, Ontario (Reference No. 30291.225),' and is dated July 2020.

The geotechnical investigation consisted of the advancement of five (5) boreholes to depths ranging from 4.67 to 7.73 mbgs.

In general, the underlying soil conditions consisted of a layer of topsoil, followed by silt, clayey silt, clayey silt till and sandy silt till.

No visual / olfactory evidence of potential contamination was noted during the retrieval of the soil samples from the boreholes.

3.1.6.2 2020 Phase One Environmental Site Assessment Update (AME)

A Phase One Environmental Site Assessment Update ('Phase One ESA Update') was conducted for the Phase One Property in the year 2020. The Phase One ESA Update was titled 'Phase One Environmental Site Assessment Update, 210 & 374 Burnhamthorpe Road West, Town of Oakville, Ontario (Reference Nos. 30291.124 & 30291.125),' and was dated July 14, 2020.

Please note that the Phase One ESA Update pertains to the current Phase One Property, and another property which is adjacent to the Phase One Property. This report refers to the Phase One Property (210 Burnhamthorpe Road West) only.

Based on the review of records, the site visit and interview, it was determined that the Phase One Property and properties to the north & east of the Phase One Property had historically been, and was currently being used, for residential purposes.

It was determined that regulated pesticides may have been applied to the Phase One Property as part of the agricultural operations and an above-ground storage tank (used to store heating oil) was identified in the basement of the residential structure.

Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing and large scale applications are identified as being potentially contaminating activity (PCA) #40 in Table 2 of Schedule E of the Environmental Protection Act. Hence, an area of potentially contaminating activity (APEC), in relation to PCA #40, was identified as being at the Phase One Property.

Gasoline and associated products storage in fixed tanks are identified as being potentially contaminating activity (PCA) #28 in Table 2 of Schedule E of the Environmental Protection Act. Hence, an APEC, in relation to PCA #28, was identified as being at the Phase One Property.

No other PCA / APEC was noted.

Since PCAs and associated APECs were identified as being at the Phase One Property, further investigation through a Phase Two ESA was recommended.

3.1.6.3 2020 Phase Two Environmental Site Assessment (AME)

A Phase Two Environmental Site Assessment ('Phase Two ESA Update') was conducted for the Phase One Property in the year 2020. The Phase Two ESA was titled 'Phase Two Environmental Site Assessment, 210 Burnhamthorpe Road West, Town of Oakville, Ontario (Reference No. 30291.125),' dated September 11, 2020.

The purpose of the Phase Two ESA was to retrieve samples of the topsoil and underlying soil at the Phase One Property within the APEC area identified as potentially being impacted by previous pesticide use and to retrieve samples of the native soil at the Phase One Property within in order to determine the suitability of the material for the proposed property use (residential use).

A total of five (5) topsoil samples and five (5) underlying native material samples were retrieved from a series of five (5) shallow hand-dug test pits advanced with the APEC area at the Phase One Property which may have been impacted by the application of regulated pesticides.

In addition, a total of one (1) topsoil sample and one (1) underlying native material sample was retrieved from beneath the exterior vent and filler pipes for the above-ground storage tank at the exterior of the residential structure and four (4) native material samples were retrieved from core-holes within the basement of the residential structure, in the vicinity of the above-ground storage tank.

The samples from the area of the Phase One Property which may have been impacted from the application of regulated pesticides were submitted for the analysis of Metals, Arsenic / Antimony / Selenium, Boron (Hot Water Soluble), Cyanide, Chromium (VI), Mercury, Low to High pH, Petroleum Hydrocarbons (PHCs), Benzene / Toluene / Ethylbenzene / Xylenes (BTEX), Polychlorinated Biphenyls (PCBs) and / or Organochlorine Pesticides (OC Pesticides).

The samples retrieved from the test pit and coreholes within the vicinity of the above-ground storage tank were submitted for the analysis of PHCs & BTEX.

Based on the analytical results, three (3) of the samples retrieved from the area of the Phase One Property which may have been impacted by the application of regulated pesticides exhibited exceedances of Metals (specifically the parameter Lead). All the remaining samples satisfied the site specific standards.

Hence, additional environmental investigation through delineation of the Metals (specifically Lead impacted material) was recommended.

3.1.6.4 2020 Phase Two Environmental Site Assessment (AME) – Report on Delineation of Impacted Soils

A Phase Two Environmental Site Assessment ('Phase Two ESA') – Report on Delineation of Impacted Soils was conducted for the Phase One Property in the year 2020. The report was titled 'Report on Delineation of Impacted Soils, 210 Burnhamthorpe Road West, Oakville, Ontario (Reference No. 30291.125),' and is dated September 25, 2020.

The purpose of this investigation was to retrieve additional samples within the vicinity of the samples that exhibited Metals (specifically the parameter Lead) noted in our 2020 Phase Two ESA.

In total, seven (7) topsoil samples and seven (7) underlying native material samples were retrieved from a series of seven (7) test pits which were advanced within the vicinity of the initial sample locations where Metals (Lead) exceedances were noted. The samples were submitted for analysis of Metals (which includes the parameter Lead).

Based on the results of the additional delineation samples, the material satisfied the site specific standards. Hence, the area of the Phase One Property where the surface soils were impacted with Metals (Lead) was delineated.

3.1.6.5 2020 Chemical Characterization of Soil

As a request of the proposed receiving facility for the Metals (Lead) impacted material, a chemical characterization of soil investigation was conducted for the Phase One Property in the year 2020. The report was titled 'Chemical Characterization of Soil (Sampled on October 7, 2020), Analysis Required by Receiving Facility for Excess Soils Generated during Proposed Remediation, 210 Burnhamthorpe Road West, Oakville, Ontario (Reference No. 30291.125),' which is dated October 20, 2020.

The purpose of this investigation was to return to the site in order to retrieve an additional sample of the 'worst case material' for analysis of PHCs, BTEX, Semi-Volatile Organic Compounds (SVOCs) and Volatile Organic Compounds (VOCs) under Ontario Regulation 153/04 (as amended) and for analysis of Toxicity Characteristic Leaching Procedures (TCLP) for Metals & Inorganics, VOCs, SVOCs and OC Pesticides under Ontario Regulation 347/558.

The additional sample was required in order to fulfil the minimum requirements of the instrument for the proposed receiving facility.

Based on the review of the results for the additional sample, no additional impacted material was noted. Furthermore, based on the TCLP results, the Metals (Lead) impacted material is not considered to be hazardous waste.

3.1.6.6 2021 Phase Two Environmental Site Assessment – Remediation Report

A Phase Two Environmental Site Assessment ('Phase Two ESA') – Remediation Report was conducted for the Phase One Property in the year 2021. The report was titled 'Remediation Report, 210 Burnhamthorpe Road West, Oakville, Ontario (Reference No. 30291.125),' which is dated February 16, 2021.

The purpose of this investigation was to provide a record of soil excavated from the known Metals (Lead) impacted areas of the Phase One Property and to provide verification sample results confirming that all the impacted material had been removed from the Phase One Property.

In total, approximately 959.01 metric tonnes of Metals (Lead) impacted material was removed from the Phase One Property and disposed of at the GFL – Vickers Road Facility, situated at 85 Vickers Road in the City of Toronto (Etobicoke), Ontario.

Following the excavation and subsequent removal of the impacted material, verification samples of the floors and sidewalls of the excavation were retrieved. In total, five (5) floor samples and eight (8) sidewall samples were retrieved from the excavation and submitted for analysis of Metals.

Based on the results of the verification samples, the material remaining at the Phase One Property was within the site specific standards. Hence, we were of the opinion that all the impacted material had successfully been removed / remediated from the Phase One Property.

3.1.6.7 Filing of RSC 230493 (2022)

A Record of Site Condition (RSC) application for the Phase One Property was submitted to the Ontario Ministry of the Environment, Conservation & Parks (MECP) in 2021, based on the information obtained through the geotechnical / environmental reports noted in the sections above.

The RSC application was acknowledged and filed by the MECP on January 10, 2022. For reference a copy of the RSC is presented in Appendix C.

3.1.7 EcoLog ERIS Report (20200609264)

As part of the 2020 Phase One ESA Update, a request was submitted to EcoLog Environmental Risk Information Services Ltd. (ERIS) to conduct a search of their databases for records pertaining to the properties within the Phase One Study Area. ERIS is a national service that provides site specific environmental and property-use information. ERIS report (20200609264) containing detailed government and private sector records concerning possible environmental liabilities associated with the Phase One Property and the adjoining properties is enclosed in Appendix D.

At the time the referenced ERIS report was generated, the Phase One Property limits used in the assessment consisted of the properties comprised of 210 & 374 Burnhamthorpe Road West. This report refers to 210 Burnhamthorpe Road West only.

Based on the review of the ERIS Report, there were five (5) records for the Phase One Property and an additional nineteen (19) records for properties within 250 m from the boundaries of the Phase One Property.

The following summarizes the records noted:

Ontario Water Well Information System

The MECP maintains records of all wells in the Province of Ontario.

There is a record of one (1) domestic water well, being at the Phase One Property. The presence of this well is unlikely to affect the environmental condition of the Phase One Property.

The following summarizes the records for properties within the Phase One Study Area (other than the Phase One Property):

Commercial Fuel Oil Tank

The Technical Standards & Safety Authority (TSSA) is in charge of maintaining records of all registered fuel storage tanks within the Province of Ontario. There is one (1) record of a commercial fuel storage tank being at 194 Burnhamthorpe Road West, which is located adjacent to the north-eastern side of the Phase One Property. The commercial fuel oil tank is described as being a single wall steel tank used for fuel storage. The listed volume of the tank is 4,500 L.

Based on a review of the topographic maps and the aerial photographs, it appears that the tank is located at the rear of the property at 194 Burnhamthorpe Road West, approximately 30 m east of the Phase One Property. Note: Based on the review of the topographic map, the surface water runoff and groundwater flow directions are expected to flow away from the Phase One Property (from northwest to southeast). Any potential contamination from 194 Burnhamthorpe Road West is not expected to be transported to the Phase One Property through precipitation runoff and subsequent leaching.

ERIS Historical Searches

The ERIS Historical Searches database is a record of all products (i.e. Ecolog ERIS reports, aerial photographs, fire insurance plans, etc.) that have been ordered from ERIS in the past. There are four (4) records of properties within the Phase One Study Area being in this database.

These records are not considered to be a cause of environmental concern pertaining to the Phase One Property.

Records of Site Condition

A Record Site Condition (RSC) is a document that outlines the environmental condition of a property, is filed with the MECP and is registered on the MECP Brownfields Database.

An RSC is filed for a property at 382 Burnhamthorpe Road West, which is located approximately 182 m west of the Phase One Property. The RSC was field for the property using a Phase One ESA Update only as evidentiary support. Hence, it is not expected that any remedial activities were required in support of filing said RSC.

This is not considered to be an environmental concern pertaining to the Phase One Property.

Ontario Water Well Information System

The MECP maintains records of all wells in the Province of Ontario.

There are fourteen (14) record for wells at properties within the Phase One Study Area. The wells are either listed as being abandoned, used for monitoring or used to provide domestic water supply.

These wells are unlikely to affect the environmental condition of the Phase One Property.

3.2 Environmental Source Information

The following is a summary of the regulatory information searched as part of this Phase One ESA Update.

- The Waste Disposal Site Inventory was searched for any property at or within 250m of the boundaries of the Phase One Property that was an active or closed waste disposal facility. There is no record of any waste disposal site within the search criteria.
- The Municipal Coal Gasification Plant Sites database was searched for any property at or within 250 m from the boundaries of the Phase One Property. There is no record of any coal gasification plant within the search criteria.
- The Inventory of Industrial Sites Producing and Using Coal Tar and Related Tars in Ontario (1991) was searched for any property at or within 250 m from the boundaries of the Phase One Property. There is no record of any industrial site producing and using coal tar and related tars within the search criteria.

- The National Pollutant Release Inventory (NPRI) was searched for any property at or within 250 m from the boundaries of the Phase One Property. There is no record of any property under the NPRI within the search criteria.
- The 2008 and 2013 Ontario Regulation 153/04 Waste Generators Databases were searched for any property at or within 250 m from the boundaries of the Phase One Property. There is no record of any property under the NPRI within the search criteria.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs dated 1934, 1961, 1969, 1979, 1988, 1995, 2005, 2016 & 2019 were reviewed as part of the 2020 Phase One ESA Update. In addition, an aerial photograph from the year 2021 was reviewed as part of this Phase One ESA Update. A summary of the aerial photograph review is presented in Table C.

Table C: Aerial Photograph Review Summary

Year	Comments referring to Phase One Property	Comments referring to Neighbouring Properties
1934	The Phase One Property was mainly a vacant piece of agricultural land.	The neighbouring properties were mainly used for agricultural purpose with residential components
1961, 1969, 1979, 1988, 1995, 2005, 2016, 2019 & 2021	The northern section of the Phase One Property consisted of a residential dwelling and associated landscaped area and the southern section of the Phase One Property consisted of vacant vegetated lands	The neighbouring properties remain relatively unchanged.

A copy of the 2021 Aerial Photograph is presented in Appendix D.

3.3.2 Geology, Topography, Hydrology, Source Water Protection & Natural Features

A review of the Surficial Geology of Southern Ontario Map issued by the Ontario Ministry of Natural Resources reveals that the surficial geology at the location of the Phase One Property mainly consists of Clay to Silt & Fine-Textured Glaciolacustrine Deposits. Glaciolacustrine deposits are derived from sediments which are deposited into lakes from glaciers. An excerpt from the Surficial Geology of Southern Ontario Map, showing the location of the Phase One Property, is included as Drawing No. 3 in Appendix A.

A review of the Bedrock Geology Sheet of Southern Ontario issued by the Ontario Ministry of Natural Resources reveals that the bedrock geology at the location of the Phase One Property consists of Shale, Limestone, Dolostone and Siltstone. An excerpt from the Bedrock Geology Sheet, showing the location of the Phase One Property, is included as Drawing No. 4 in Appendix A.

A review of a Topographic Map reveals that Phase One Property generally descends from the northwest to the southeast. Hence, the operations at the properties located northwest of the Phase One Property are most likely to affect the environmental condition of the Phase One Property through contaminant transfer by precipitation runoff and leaching. An excerpt of the Topographic Map, showing the location of the Phase One Property, is included as Drawing No. 5 in Appendix A.

A review of the Conservation Halton Watersheds Map reveals that the Phase One Property is located within the watershed designated as being the 16 Mile Creek Watershed. In general, the watercourses within the 16 Mile Creek Watershed flow in a north-westerly to south-easterly direction, towards Lake Ontario. The Conservation Halton Watersheds Map, showing the location of the Phase One Property, is included as Drawing No. 6 in Appendix A.

A review of a Source Water Protection Map issued by the Halton Region indicates that the Phase One Property and properties within 250 m from the boundaries of the Phase One Property, are not located within a source water protection area. An excerpt of the Source Water Protection

Map, showing the location of the Phase One Property, is included as Drawing No. 7 in Appendix A.

3.3.3 Fill Material

Fill may be recognized by unusual surface formations or unnatural topography. Fill material from construction or demolition activities often differs in colour, texture, and drainage properties than the native soils, and may include such things as construction debris, municipal solid waste, or industrial waste products such as slag, cinders or ash.

Based on a review of the aerial photographs, a review of the previous geotechnical report, the site visit and the interviews, fill material has not been imported and disposed of on-site.

3.3.4 Water Bodies and Areas of Natural Significance Interest (ANSI)

Based on the review of the aerial photographs, topographic map and site visit, there is no watercourse traversing the Phase One Property.

3.3.5 Water Well Records

A search of the MECP water well records database website was conducted on December 19, 2022.

The review of the well records indicates that there is one (1) record for a domestic water well at the Phase One Property. The information pertaining to the well record is presented in Table D, below.

Table D: Water Well Records

Water Well ID	Location on Phase One Property	Water Well Use	Depth of Well	Depth of Water
7257332	210 Burnhamthorpe Road West	Domestic	32.0 m	16.0 m

Based on a review of the well records, the Phase One Property is generally underlain by topsoil, followed by native soils consisting of silt and clay.

3.4 Site Operating Records

The Phase One Property and the other properties within the Phase One Study Area were mainly used for agricultural purposes with residential components. Hence, it is not expected that records will be available.

A general internet search for the Phase One Property and other properties within 250 m from the boundaries of the Phase One Property was conducted on December 19, 2022. No cause for environmental concern was noted during our search.

4.0 INTERVIEW

An interview was conducted with a representative of the owner of 210 Burnhamthorpe Road West on February 7, 2023. The following is the information obtained through the interview:

- There is no record of any spill or item of environmental concern pertaining to the Phase One Property.
- There are no standing orders / environmental restrictions imposed upon the Phase One Property.
- There is no record of any fill material being placed at the Phase One Property.
- The AST within the basement of the existing residential structure was recently replaced. There were no observational issues with the condition of the previous AST. However, it was replaced due to age / expiration date.

Based on the interviews, no item of significant environmental concern was determined.

5.0 SITE RECONNAISSANCE

5.1 General

The Phase One Property was inspected by Sebastian Nicholas of AME on December 8, 2022, between 1:00 pm and 2:00 pm. The purpose of the site inspection is to perform a general visual review of the Phase One Study Area and to identify any area of potential environmental concern

pertaining to the Phase One Property. The Phase One Property was also inspected for any source of hazardous material.

At the time of the site visit, the temperature was approximately 5 Degrees Celsius and the sky was clear.

5.2 Site Description

The Phase One Property mainly consists of a one-storey brick residential building, with a basement and attached garage, and landscaped area at the northern portion and a vacant vegetated lot at the southern portion of the Phase One Property.

Photographs depicting our site visit are presented below:

Photograph 1: Looking south at residential structure from Burnhamthorpe West

Photograph 2: Vent and Filler Pipe at northwest exterior wall of residential structure

Photograph 3: New AST within basement of residential structure

Photograph 4: Looking south at southern section of Phase One Property

5.2.1 Neighbouring Properties

The neighbouring properties consist of Burnhamthorpe Road West, followed by agricultural / residential properties / new roadway development to the north, residential and agricultural properties to the east, vacant agricultural properties and a residential development to the south & agricultural properties to the west. No property within the vicinity of the Phase One Property is used for automotive / industrial / gas station / dry-cleaning purposes.

Photograph 5: Vacant property
south of the Phase One Property

Photograph 6: Vacant property
west of the Phase One Property

Photograph 7: Looking east at the Phase One Property and neighbouring residential property to the east.

5.3 Specific Observations

5.3.1 On-Site Buildings

A residential structure is located at the Phase One Property. The residential structure consists of a one-storey brick structure, with a basement and an attached garage. The exterior of the structure consists of brick, concrete block foundation and an asphalt shingle roof.

The interior first floor and partial basement of the structure is finished with wood / tile flooring and drywalled / plaster / wood panel walls. A portion of the basement (i.e. the furnace room and utilities room) are unfinished with exposed concrete floors and concrete block walls

5.3.2 Aboveground and Underground Storage Tanks

An above-ground storage tank (AST) is located within the northwest corner of the furnace room in the basement of the structure. Soil samples were retrieved from within the vicinity of the AST as a portion of our 2020 Phase Two ESA. The soil samples were submitted for the analysis of the parameters PHCs and BTEX. Please note that based on the results of the laboratory analysis conducted during our 2020 Phase Two ESA, the material beneath the AST and the vent / filler pipes

was suitable for the proposed residential usage of the property. Furthermore, based on our interview, we confirm that there have been no leaks / stains reported by the tenant since the publication of our Phase Two ESA in 2020. Hence, we are of the opinion that the presence of the AST at the Phase One Property, is not considered to be an environmental concern.

5.3.3 Chemical Storage and Handling

No chemicals / chemical containers, other than standard household cleaners, were observed at the Phase One Property.

5.3.4 Solid (Non-Hazardous) and Liquid Waste

Wastes in the form of solid (non-hazardous) and liquid wastes are not generated at the Phase One Property.

5.3.5 Hazardous Waste/Registerable Waste

The Phase One Property is not listed as being a registered waste generator.

5.3.6 Spills, Releases and Emergency Response

There was no evidence of any odour emitted, spill, stain or stressed vegetation at the Phase One Property during the time of the investigation.

Furthermore, based on our interview and review of the pertinent information, there is no record of any previous spill at the Phase One Property.

5.3.7 Air Emissions

Air emission sources that could potentially affect the environmental quality of the site were not observed at the time of the investigation.

5.3.8 Water, Wastewater and Storm Water

Based on the review of records, and the site visit, there is a domestic water well and a septic system associated with the residential structure at the northern section of the Phase One Property.

Please note that the water well and septic system are currently in-use and are not considered to be an environmental concern pertaining to the Phase One Property. However, we note that once these items are no longer in-use, they must be decommissioned accordingly.

5.3.14 Polychlorinated Biphenyl (PCB)-Containing Equipment

No PCB containing equipment was noted as being at the Phase One Property.

5.3.15 Lead

No lead containing equipment was noted as being at the Phase One Property.

5.3.16 Urea Formaldehyde Foam Insulation (UFFI)

No UFFI was noted as being at the Phase One Property.

5.3.17 Ozone-Depleting Substances (ODSs)

No ODSs were noted as being at the Phase One Property.

5.3.18 Radon

Based on the overburden and bedrock materials underlying the Phase One Study Area, it is unlikely that radon gas emissions would be a concern on the property.

5.3.19 Pesticides and Herbicides

Based on our review of records and our site visit, the south section of the Phase One Property has historically been used for agricultural purposes. Please note that the topsoil at the south section of the Phase One Property was analysed for the potential presence of regulated pesticides as part of our 2020 Phase Two ESA. Based on the results of the analysis, soil with metals (specifically Lead) impact was noted. The metals (lead) impacted soils were removed from the Phase One Property in 2021 as part of a remedial program. Upon completion of the soil delineation, excavation and subsequent removal, verification samples of the floors and the sidewalls of the remedial excavation were conducted. Based on the review of the results of the verification samples, the soil remaining at the Phase One Property is suitable for the proposed residential use.

Hence, since the impacted soil has been removed from the Phase One Property, and there has been no application of the regulated pesticides to the Phase One Property since the publication of our remedial report in 2021, we are of the opinion that the former use of pesticides at the Phase One Property is no longer considered to be an item of potential environmental concern.

5.3.20 Odour / Noise

The air at the Phase One Property is devoid of any odour that would suggest the presence of any environmentally significant contamination at the Phase One Study Area.

There is no source of noise, other than the ambient noise from the light traffic on Burnhamthorpe Road West. Hence, we do not consider there to be an issue with noise at the Phase One Property.

5.3.21 Building Heating Systems

There is no structure at the Phase One Property.

5.3.22 Unidentified Substances

No unidentified substance / substance container was observed at the Phase One Property.

5.3.23 Demolished Buildings

There is no evidence of a demolished building / structure being at the Phase One Property.

5.3.24 Utilities

Based on our site visit, there is no evidence of underground Utilities being at the Phase One Property.

5.4 Enhanced Investigation Property

The Phase One Property is not considered an enhanced investigation property as it has never been used for automotive purposes (including garages, gas stations, etc.), for industrial purposes, or for the operation of dry-cleaning equipment.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses

The Phase One Property mainly consists of two (2) sections, the north section consisting of a one-storey residential dwelling, with basement and attached garage, and the south section consisting of vacant vegetated lands. The Phase One Property is irregular in shape and consists of an area of approximately 0.67 hectares (1.66 acres).

The approximate UTM coordinates of the centroid of the Phase One Property are Zone (17T) 600828 m E & 4815626 m N.

It is our understanding that a residential development is proposed for the Phase One Property.

6.2 Potentially Contaminating Items/Activities

Please note that potentially contaminating activities (PCAs) were established as being at the Phase One Property in connection with our previous 2020 Phase One ESA Update. The PCAs referred to the previous potential use of regulated pesticides in association with the current and past use of the Phase One Property as an agricultural property & the presence of an above-ground storage tank (AST) used for the storage of heating oil within the basement of the residential structure.

A Phase Two ESA was conducted for the Phase One Property in 2020. As part of the Phase Two ESA, topsoil and underlying native soil samples were retrieved from the southern section of the Phase One Property and submitted for the potential contaminants of concern associated with regulated pesticide use and topsoil and / or native soil samples were retrieved from within the vicinity of the vent / filler pipes & AST at the northern section of the Phase One Property and submitted for the potential contaminants of concern associated with any potential spill.

Based on the review of the results of the analysis, no issue was noted within the vicinity of the vent / filler pipes & AST at the northern section of the Phase One Property. In addition, based on our site visit and our interview, we have determined that there has been no cause for environmental concern (i.e. spill, odour, leak, etc.) associated with the AST since the publication of our previous reports in 2020 and 2021.

However, metals (specifically Lead) impacted soil was noted at the southern section of the Phase One Property. In order to address the metals (Lead) impacted soil, a remedial excavation was conducted in 2021. Upon removal of the impacted soil, verification samples were retrieved from the floors and the sidewalls of the excavation and submitted for analysis of metals. Based on the results for the verification samples, we determined that the material remaining at the Phase One Property was suitable for the proposed residential use. In addition, since the publication of our remediation report in 2021, we understand that there have been no additional regulated pesticides applied to the Phase One Property.

Hence, the previously identified PCAs are no longer considered to be concerns.

6.4 Conceptual Site Model

With respect to the Phase One ESA Update Conceptual Site Model (Phase One CSM), the following key site features are outlined (as required by O. Reg. 153/04):

- Any existing building or structure;
- Water bodies and areas of natural significance located in Phase One Study Area;
- Wells on Phase One Property;
- Roads (including names) within Phase One Property;
- Property uses adjacent to the Phase One Property;
- Location of identified potentially contaminating activities ("PCAs") in the Phase One Study Area (including any storage tanks); and,
- Location of identified areas of potential environmental concern ("APECs") on the Phase One Property.

The following describes the Phase One CSM for the Site based on the information obtained and reviewed, as part of the Phase One ESA Update of the Site.

- The Phase One Property consists of two (2) sections – the northern section consists of a one-storey residential dwelling, with a basement and attached garage & the southern section consists of vacant vegetated lands.
- The Phase One Property is located within the 16 Mile Creek watershed.
- Based on the well records, there is one (1) record of domestic well being at the Phase One Property.
- No property within the vicinity of the Phase One Property is used for automotive / industrial / gas station / dry-cleaning purposes.
- Based on a review of the available geological data, the native subsoil at the Phase One Study Area predominately consists of silt and clay.
- Based on a review of the aerial photographs, a review of the previous geotechnical report, the site visit and the interview, fill material has not been deposited at the Phase One Property.

- The inferred bedrock depth elevation in the Phase One Study Area is expected to be in excess of 2.0 mbgs (Open file map number 196, Bedrock Topography of Markham Area, 1:50,000, Ministry of Northern Development and Mines, 1992). As per Ontario Geological Survey, the bedrock in the Study Area generally consists of shale, limestone, dolostone and siltstone.
- It is anticipated that groundwater will flow in a southeasterly direction, generally following the topography of the Phase One Study Area.

There were no material deviations to the Phase One ESA Update requirements set out in O. Reg. 153/04 (as amended) that in the opinion of the Qualified Person ("QP") would cause uncertainty or absence of information that would affect the validity of the findings of this assessment.

A Phase One Conceptual Site Model Plan is included as Drawing No. 8 in Appendix A.

7.0 CONCLUSIONS AND RECOMMENDATIONS

A previous Phase One ESA Update, Phase Two ESA and Remediation was conducted for the Phase One Property in 2020 & 2021.

Based on the results from the previous reports, we have determined that the Phase One Property is suitable for the proposed residential use.

In addition, based on our recent review of records, site visit, and interview, we have determined that there has been no adverse cause for environmental concern since the publication of our previous reports.

Hence, we are of the opinion that the Phase One Property is suitable for the proposed development.

8.0 QUALIFICATIONS OF ASSESSORS

The review and evaluation of the historical information for this assessment was carried out by Mr. Anthony Upper. The site visit was conducted by Mr. Sebastian Nicholas on December 8, 2022. This assessment was also carried out under the supervision of Mr. Sebastian Nicholas. The findings of the investigation are complete and accurate and are included in the report.

Sebastian Nicholas is a Senior Engineer with AME – Materials Engineering (AME). Sebastian has completed numerous environmental due diligence assessments, Phase One and Two Environmental Site Assessments. Sebastian has over twenty-five (25) years of experience working with public and private sector organizations. Sebastian obtained a Master of Science (M.S.) degree in Earth Sciences at South Dakota School of Mines and Technology and is a Registered Professional Engineer with the Association of Professional Engineers of Ontario. He is also registered with the Ministry of the Environment as a Qualified Person (QP) with respect to the completion of Records of Site Condition based on Phase One & Two Environmental Site Assessments, as per the amended Ontario Regulation 153/04.

Anthony Upper is a Project Manager with AME. Anthony has completed numerous environmental projects including Phase One and Two Environmental Site Assessments and remediation projects. Anthony has over ten (10) years of experience working in private sector organizations. Anthony obtained a Bachelor of Sciences (B.Sc.) in Earth Sciences and Physical Geography at Brock University and a Diploma of Environmental Protection Technology at Centennial College.

AME is a specialty firm involved in environmental, geotechnical and materials testing. The Caledon office of AME provides a full range of environmental services.

10.0 REFERENCES

Miles & Co., Illustrated Historical Atlas of the Halton County, 1875

Northern Development and Mines, Surficial Geology of Southern Ontario, October 10, 2012

Ontario Geological Survey, Bedrock geology of Ontario, southern sheet; Ontario Geological Survey, Map 2544, scale 1: 1 000 000, 1991

Regional Municipality of Halton, 2014 Topographic Map, Queens Printer for Ontario 2020

Conservation Halton, Conservation Halton Watersheds Map and Source Water Protection Map, 2017

Regional Municipality of Halton, Natural Features Map, Queens Printer for Ontario 2017

University of Toronto Archives, 1954 Aerial Photograph

Regional Municipality of Halton, 1934, 1961, 1969, 1979, 1988, 1995, 2005, 2016 & 2019 Aerial Photographs, Queens Printer for Ontario 2019

Ministry of the Environment, Ontario Regulation 153/04 Record of Site Condition as amended by Ontario Regulation 511/09, 29 December 2009.

Ministry of Environment, Ontario Regulation 490/09, Occupational Health and Safety Act, Designated Substances, 1 July 2010.

Ministry of Environment, Ontario Regulation 278/05, Asbestos on Construction Projects and in Buildings and Repair operations, Occupational Health and Safety Act, 2005.

Ministry of Environment, Ontario Regulation 903/1990, Ontario Water Resources Act, 1990.

Ministry of the Environment, Waste Disposal Sites Inventory, June 1991

Ministry of the Environment, Hazardous Wastes Inventory Site, 2017

Government of Canada, National Pollutant Release Inventory, 2017

Government of Canada, National Inventory of PCBs In-use and PCB Waste Storage Sites in Ontario, 2017

11.0 CLOSURE

We trust that we have detailed our findings clearly and that we have satisfactorily addressed the scope of work you require at this time. In the event you wish us to review our findings with you, or require our services further in this regard, please do not hesitate to contact our office.

The General Considerations and Limitations pertaining to the entirety of this report are included in Appendix F.

Yours truly,

AME - Materials Engineering

Prepared By:

Anthony Upper, B.Sc., G.I.T.
Project Manager

Reviewed By:

Sebastian Nicholas, P.Eng., M.S.
Senior Engineer

AME-Materials Engineering
10 Perdue Court, Units 2 & 3, Caledon, Ontario, L7C 3M6
Phone (905) 840-5914 Fax (905) 840-7859

APPENDIX A:

Drawings (Drawing Nos. 1 – 8)

Phase One Environmental Site Assessment Update
G.C. Family Investments Inc. Property
210 Burnhamthorpe Road West
Town of Oakville, Ontario

LEGEND

Phase One Property Location

AME
Materials Engineering
10 Perdue Court Unit 2 & 3,
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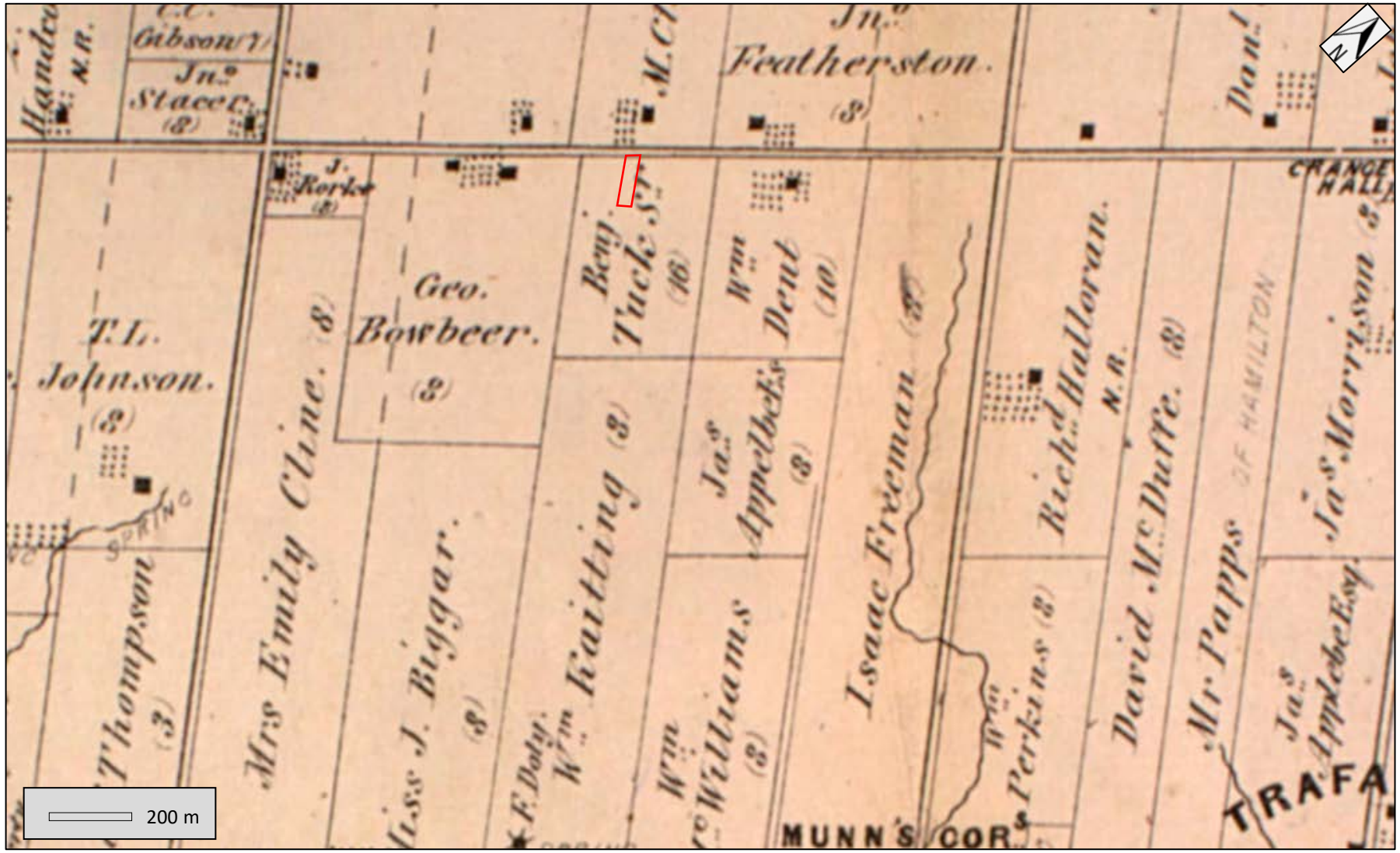
Fax: (905) 840 7859

Phase One Property Location Plan

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 1



LEGEND

Phase One Property Location

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Materials Engineering
10 Perdue Court Unit 2 & 3,
Caledon, Ontario L7C 3M6

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Excerpt from 1875 Historical Census Map of Halton County

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 2

AME
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10 Perdue Court Unit 2 & 3,
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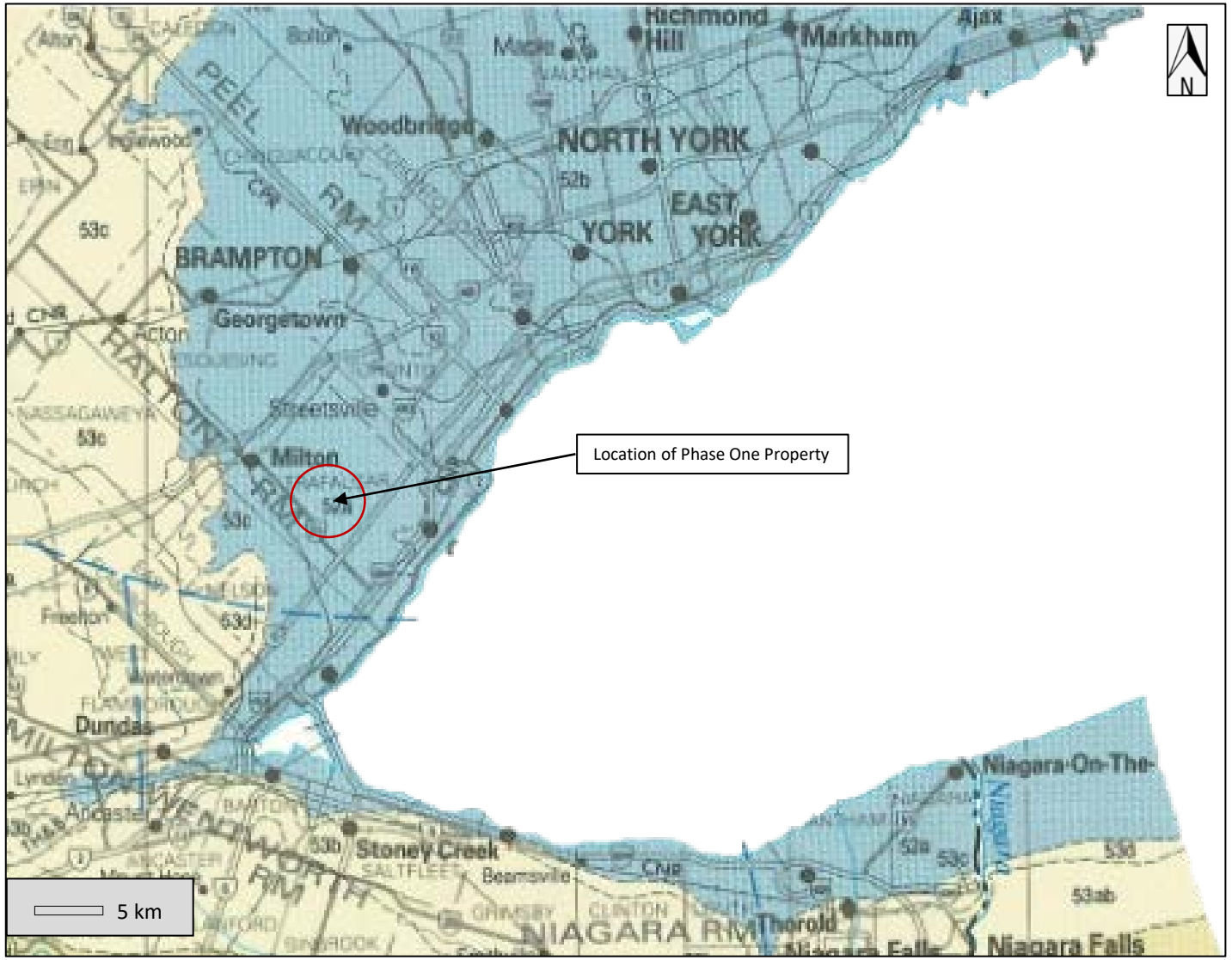
Excerpt from Surficial Geology of Southern Ontario Map

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 3



LEGEND

- Shale, Limestone, Dolostone & Siltstone
- Sandstone, Dolostone, Shale & Siltstone

AME
Materials Engineering
10 Perdue Court Unit 2 & 3,
Caledon, Ontario L7C 3M6

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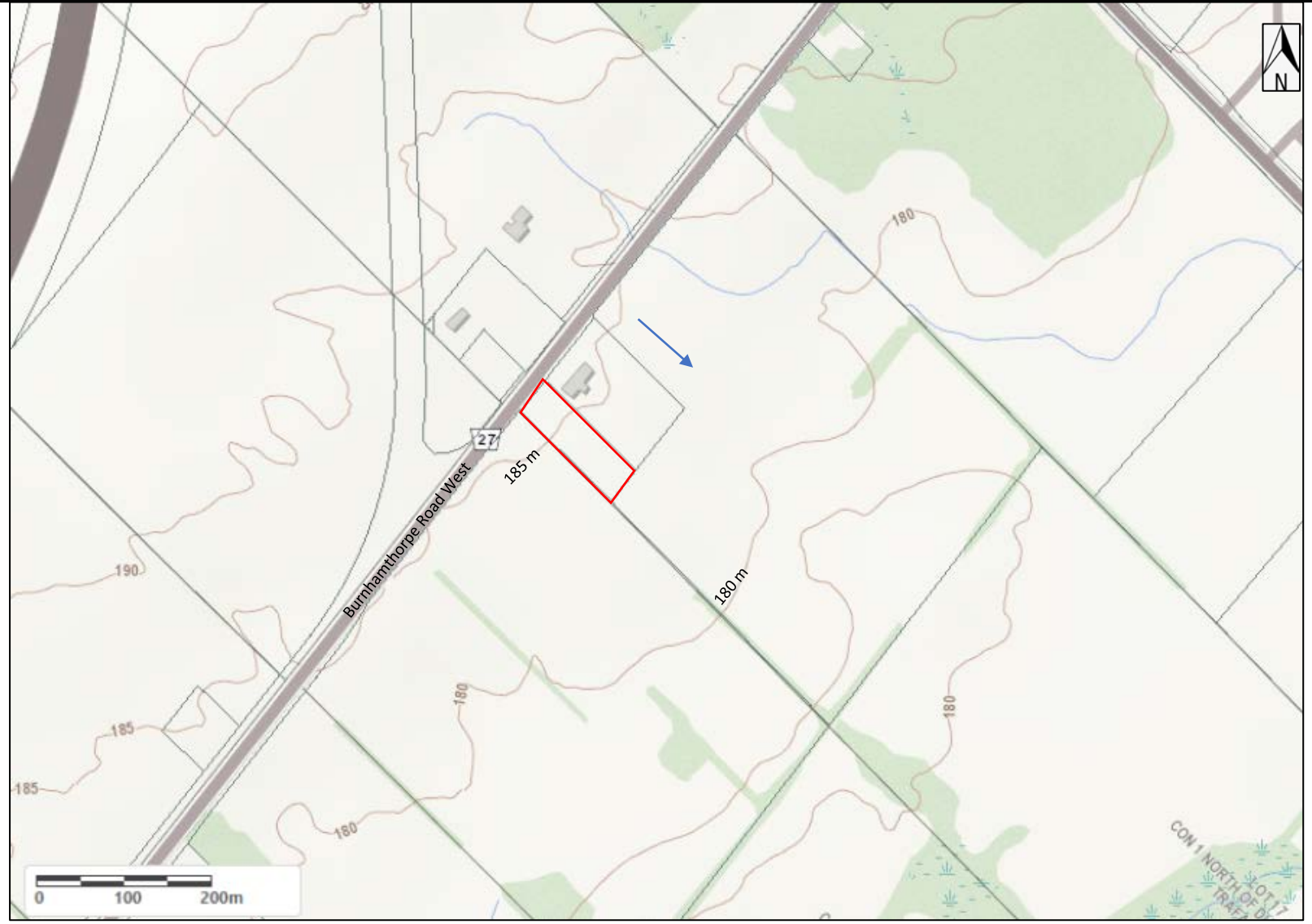
Fax: (905) 840 7859

Excerpt from Bedrock Geology Map

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 4



LEGEND

Phase One Property

Topographic Gradient

AME
Materials Engineering
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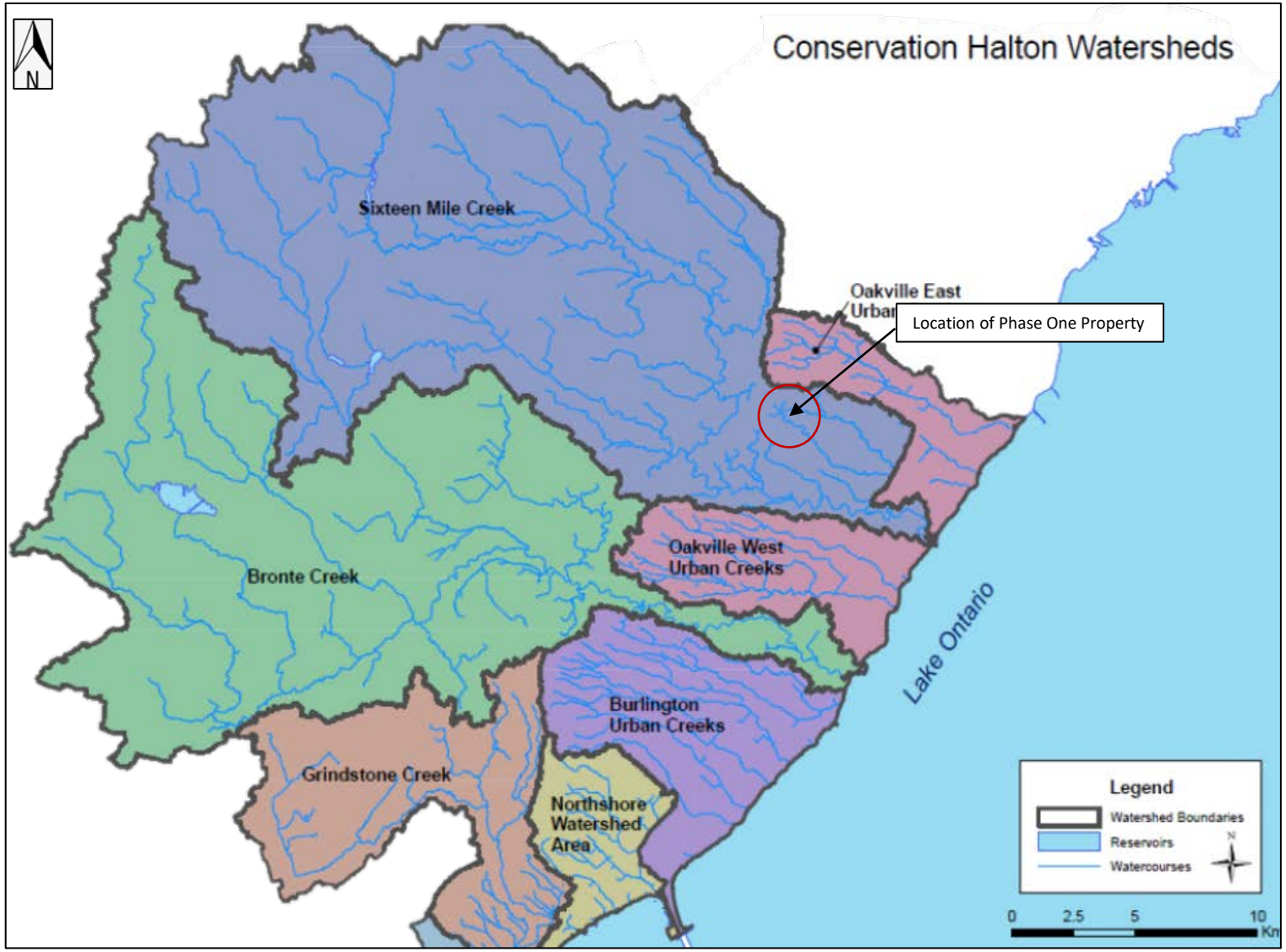
Excerpt from Topographic Map

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 5



AME
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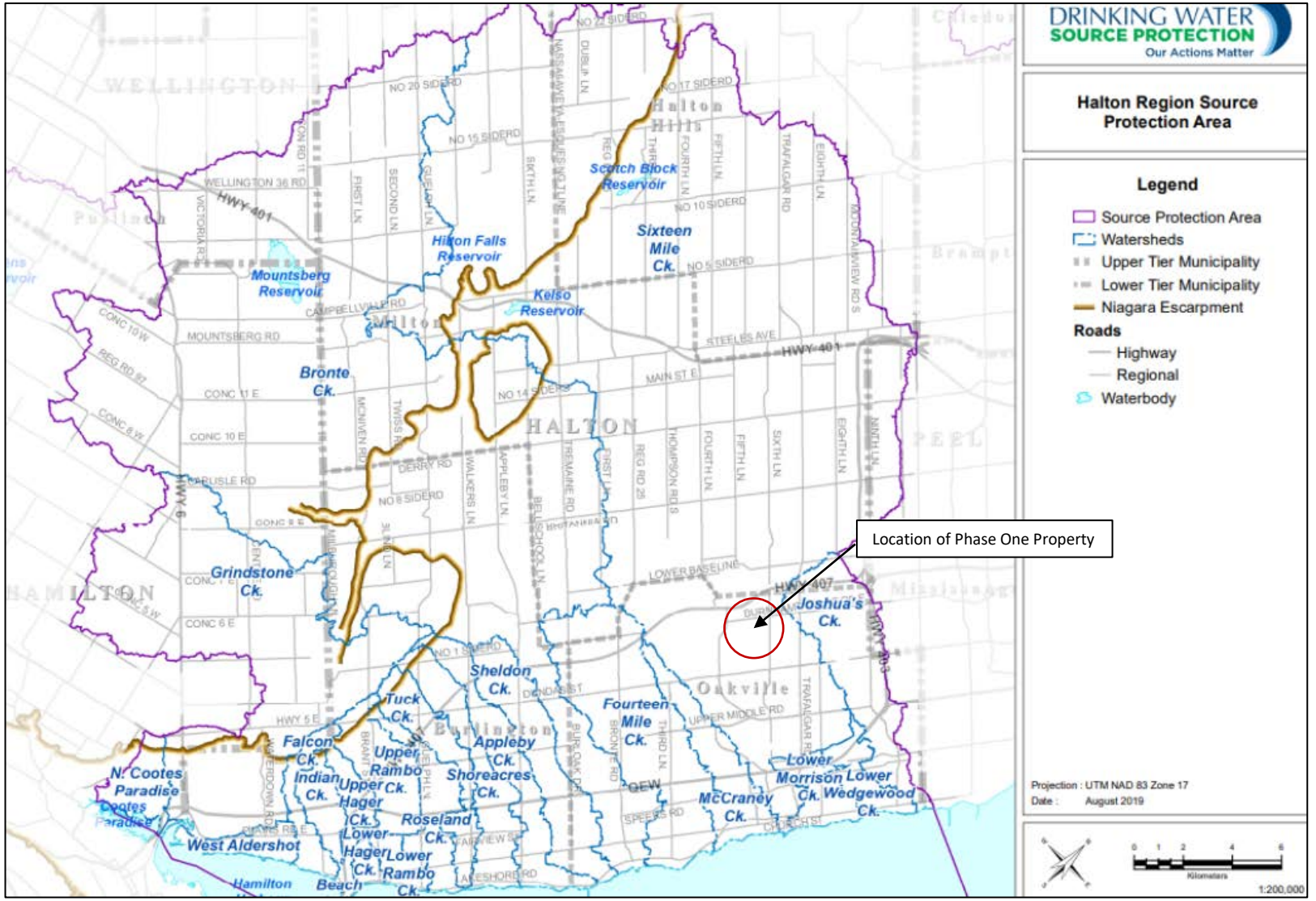
Fax: (905) 840 7859

Conservation Halton Watersheds Map

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 6



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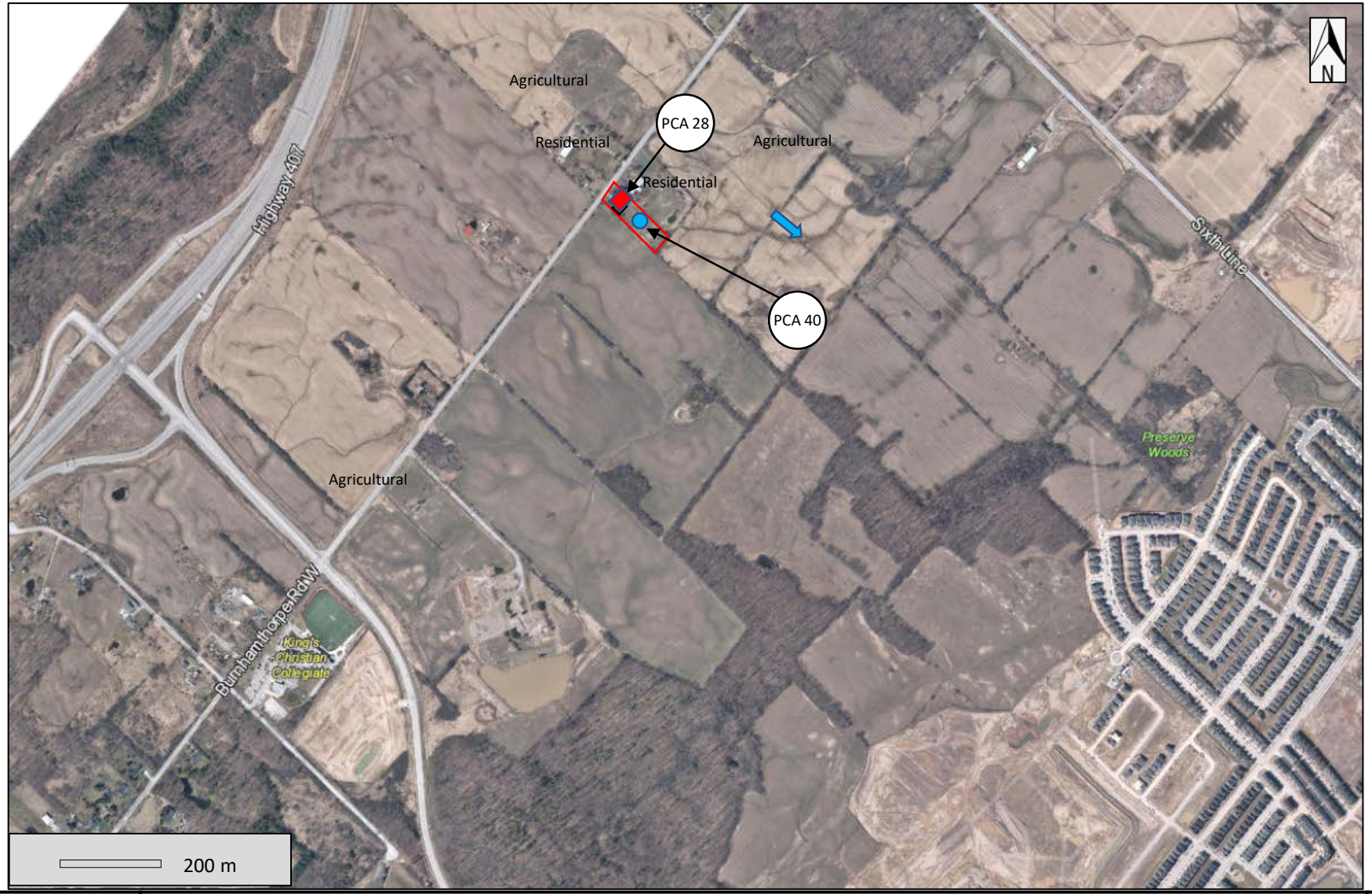
Excerpt from Source Water Protection Map

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 7



LEGEND

- Phase One Property Location
- Residential Structure
- MECP Well Record
- Surface and Groundwater flow direction

PCA 40 — Pesticides (including herbicides, fungicides and anti-fouling agents) manufacturing, processing and large-scale applications

PCA 28 — Gasoline and associated products stored in fixed tanks

Note: based on the analytical results for previous soil samples / verification samples, the Phase One Property is suitable for the proposed residential use

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Phase One Conceptual Site Model Plan

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix A	Drawing No. 8

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APPENDIX B:

Current and Past Uses of Phase One Property

Phase One Environmental Site Assessment Update
G.C. Family Investments Inc. Property
210 Burnhamthorpe Road West
Town of Oakville, Ontario

Table of Current and Past Uses of the RSC Property – 210 Burnhamthorpe Road West
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1807	The Crown	No observations noted for this period	Agricultural or other use	No observations noted for this period
1807 to 1815	David Trowbridge	No observations noted for this period	Agricultural or other use	No observations noted for this period
1815 to 1819	William Knitting	No observations noted for this period	Agricultural or other use	No observations noted for this period
1819 to 1825	Christine Dubey	No observation noted for this period	Agricultural or other use	No observations noted for this period.
1825 to 1845	Charles Biggar	No observations noted for this period	Agricultural or other use	No observations noted for this period
1845 to 1854	James Biggar	No observations noted for this period	Agricultural or other use	
1854 to 1857	Samuel Snider	No observations noted for this period	Agricultural or other use	No observations noted for this period
1857 to 1872	Benjamin Tuck	No observations noted for this period	Agricultural or other use	No observations noted for this period
1872 to 1873	Joseph & Hannah Elizabeth Tuck	No observations noted for this period	Agricultural or other use	No observations noted for this period
1873 to 1876	James Applebe	No observation noted for this period	Agricultural or other use	A review of the 1875 Historical Map indicates that this portion of the RSC Property was a portion of a larger agricultural estate
1876 to 1876	Benjamin Tuck	No observations noted for this period	Agricultural or other use	No observations noted for this period
1876 to 1877	William Dent	No observations noted for this period	Agricultural or other use	No observations noted for this period
1877 to 1914	Henry O. Dent	No observations noted for this period	Agricultural or other use	No observations noted for this period
1914 to 1916	William Featherstone	No observations noted for this period	Agricultural or other use	No observations noted for this period

Table of Current and Past Uses of the RSC Property – 210 Burnhamthorpe Road West (Continued)
(Refer to clause 16(2)(b), Schedule D, O.Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
1916 to 1922	Thomas Northbridge	No observations noted for this period	Agricultural or other use	No observations noted for this period
1922 to 1947	George & Annie Robinson	No observations noted for this period	Agricultural or other use	A review of the 1934 aerial photograph reveals that the RSC Property was used for agricultural purposes
1847 to 1960	Cecil Robinson	No observations noted for this period	Agricultural or other use	No observations noted for this period
1960 to 1978	Carlo & Jole Bot	Residential	Residential	A review of the 1961 aerial photograph reveals that the RSC Property was used for residential purposes.
1978 to 2010	William & Doris Ashe	Residential	Residential	A review of the aerial photographs reveals that the RSC Property was used for residential purposes.
2010 to 2013	Doris Ashe	Residential	Residential	A review of the aerial photographs reveals that the RSC Property was used for residential purposes.
2013 to 2013	Joe DeLuca & William Kerr	Residential	Residential	A review of the aerial photographs reveals that the RSC Property was used for residential purposes.
2013 to Present	Ankara Realty Limited	Residential	Residential	Based on our site visit on June 18, 2020, the RSC Property is used for residential purposes.

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

PROPERTY DESCRIPTION: PT LT 17, CON 1 TRAFALGAR, NORTH OF DUNDAS STREET , PART 1 , 20R5583 ; OAKVILLE/TRAFALGAR

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
1996/03/25

OWNERS' NAMES
ANKARA REALTY LIMITED

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 1996/03/25 ON THIS PIN						
WAS REPLACED WITH THE "PIN CREATION DATE" OF 1996/03/25						
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 1996/03/22 ***						
***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: 1996/03/25 ***						
484207	1978/07/26	TRANSFER		*** COMPLETELY DELETED ***	ASHE, WILLIAM DAVID ASHE, DORIS DOROTHEA	
20R5583	1981/12/22	PLAN REFERENCE				C
675980	1987/09/15	CHARGE		*** COMPLETELY DELETED ***	CANADA TRUSTCO MORTGAGE COMPANY	
H786884	1999/05/03	DISCH OF CHARGE		*** COMPLETELY DELETED *** CANADA TRUSTCO MORTGAGE COMPANY		
	REMARKS: RE: 675980					
HR832956	2010/04/14	APL OF SURV-LAND		*** COMPLETELY DELETED *** ASHE, WILLIAM DAVID	ASHE, DORIS DOROTHEA	

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
HR872064	2010/08/27	CHARGE		*** COMPLETELY DELETED *** ASHE, DORIS DOROTHEA	HOME EQUITY MORTGAGE CORPORATION	
HR1055338	2012/10/04	CHARGE		*** COMPLETELY DELETED *** ASHE, DORIS DOROTHEA	HOME EQUITY MORTGAGE CORPORATION	
HR1062542	2012/11/07	DISCH OF CHARGE		*** COMPLETELY DELETED *** HOME EQUITY MORTGAGE CORPORATION		
	REMARKS: HR872064.					
HR1137926	2013/10/02	TRANSMISSION-LAND		*** COMPLETELY DELETED *** ASHE, DORIS DOROTHEA	DELUCA, JOE KERR, WILLIAM B. ASHE, DORIS DOROTHEA - ESTATE	
HR1138233	2013/10/03	TRANS PERSONAL REP	$900,000	DELUCA, JOE KERR, WILLIAM B.	ANKARA REALTY LIMITED	C
	REMARKS: PLANNING ACT STATEMENTS.					
HR1149194	2013/11/25	DISCH OF CHARGE		*** COMPLETELY DELETED *** HOME EQUITY MORTGAGE CORPORATION		
	REMARKS: HR1055338.					
HR1696368	2020/04/21	NOTICE		THE CORPORATION OF THE TOWN OF OAKVILLE		C
HR1716349	2020/07/28	NOTICE		ANKARA REALTY LIMITED	THE REGIONAL MUNICIPALITY OF HALTON	C

AME-Materials Engineering
10 Perdue Court, Units 2 & 3, Caledon, Ontario, L7C 3M6
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APPENDIX C:

2022 RSC

Phase One Environmental Site Assessment Update
G.C. Family Investments Inc. Property
210 Burnhamthorpe Road West
Town of Oakville, Ontario

Ontario

Record of Site Condition
Under Part XV.1 of the Environmental Protection Act

Summary

Record of Site Condition Number	230493
Date Filed to Environmental Site Registry	2022/01/10
Certification Date	2021/02/02
Current Property Use	Residential
Intended Property Use	Residential
Certificate of Property Use Number	No CPU
Applicable Site Condition Standards	Full Depth Generic Site Conditions Standard, with Potable Ground Water, Medium and Fine Textured Soil, for Residential property use
Property Municipal Address	210 BURNHAMTHORPE ROAD WEST, OAKVILLE, ON, L6M 4K4

Notice to Readers Concerning Due Diligence

This record of site condition (RSC) has been filed in the Environmental Site Registry to which the public has access and which contains a notice advising users of the Environmental Site Registry who have dealings with any property to consider conducting their own due diligence with respect to the environmental condition of the property, in addition to reviewing information in the Environmental Site Registry.

Contents of this Record of Site Condition

This RSC consists of this document which is available to be printed directly from the Environmental Site Registry as well as all supporting documentation indicated in this RSC to have been submitted in electronic format to the Ministry of the Environment, Conservation and Parks.

Part 1: Property Ownership, Property Information and Owner's Certifications

Information about the owner who is submitting or authorizing the submission of the record of site condition

Owner name	ANKARA REALTY LIMITED
Owner type	Firm, corporation or partnership
Authorized person	CHRISTOPHER BRATTY
Mailing address	100, 7501 KEELE STREET, VAUGHAN Ontario, Canada
Postal Code	L4K 1Y2
Phone	(905) 761-8200
Fax	
Email address	cbratty@remingtongroupinc.com

Information about other current owners

Owner name	G.C. FAMILY INVESTMENTS INC.
Owner type	Firm, corporation or partnership
Authorized person	CHRISTOPHER BRATTY
Mailing address	SUITE 100, 7501 KEELE STREET, VAUGHAN Ontario, Canada
Postal Code	L4K 1Y2
Phone	(905) 761-8200
Fax	
Email address	cbratty@remingtongroupinc.com

Information about the agent

Agent name	SEBASTIAN NICHOLAS
Mailing address	2 - 3, 10 PERDUE COURT, CALEDON Ontario, Canada
Postal Code	L7C 3M6
Phone	(905) 840-5914
Fax	
Email address	sebastiann@amecorp.ca

Record of site condition property location information

Municipal address(es)	210 BURNHAMTHORPE ROAD WEST, OAKVILLE, ON L6M 4K4
Municipality	Oakville
Legal description	**See attached Lawyer's letter**
Assessment roll number(s)	2401-010-030-01800-0000
Property identifier number(s)	24929-0062 (LT)

Record of site condition property geographical references

Coordinate system	**UTM**
Datum	**NAD 83**
Zone	17
Easting	600,748.00
Northing	4,815,632.00

Record of site condition property use information

The following types of property uses are defined by the Regulation: Agricultural or other use, Commercial use, Community use, Industrial use, Institutional use, Parkland use, and Residential use.

Current property use	Residential
Intended property use	Residential
Certificate of property use has been issued under section 168.6 of the Environmental Protection Act	No

Please see the signed statements of property owner, or agent, or receiver at the end of this record of site condition

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Part 2: List of reports, summary of site conditions and qualified person's statements and certifications

Qualified person's information

Name	SEBASTIAN NICHOLAS
Type of licence under Professional Engineers Act	Licence
Licence number	90472804
Quallified person's employer name	AECON MATERIALS ENGINEERING CORP.
Mailing address	2 - 3, 10 PERDUE COURT, CALEDON Ontario, L7C 3M6 Canada
Phone	(905) 840-5914
Fax	(905) 840-7859
Email address	sebastiann@amecorp.ca

Municipal information

Local or single-tier municipality	Oakville
Upper-tier municipality	Halton

Ministry of the Environment, Conservation and Parks District Office

District office	Halton-Peel District Office
District office address	4145 North Service Road, Suite 300, Burlington ON L7L 6A3

Phase one environmental site assessment report

Document used as the phase one environmental site assessment report and updates in submitting the record of site condition for filing

The date the last work on all of the records review, interviews and site reconnaissance components of the phase one environmental site assessment was done (refer to clause 28(1) (a) of O. Reg. 153/04)	(yyyy/mm/dd) 2020-06-08

Type of report	Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Phase one environmental site assessment	Phase One Environmental Site Assessment Update, 210 Burnhamthorpe Road West, Town of Oakville, Ontario (Reference No. 30291.124)	2020-07-14	Sebastian Nicholas	AECON MATERIALS ENGINEERING CORP.

Reports and other documents related to the phase one environmental site assessment

Reports and other documents relied upon in certifying the information set out in section 10 of Schedule A or otherwise used in conducting the phase one environmental site assessment

Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
N/A			

Phase two environmental site assessment report

Document used as the phase two environmental site assessment report and updates in submitting the record of site condition for filing

The date the last work on all of the planning of the site investigation and conducting the site investigation components of the phase two environmental site assessment was done (refer to clause 33.5(1)(a) of O. Reg. 153/04)	(yyyy/mm/dd) 2021-02-02

Type of report	Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Phase two environmental site assessment	Phase Two Environmental Site Assessment - Remediation Report, 210 Burnhamthorpe Road West, Oakville, Ontario (Reference No. 30291.125)	2021-02-16	Sebastian Nicholas	AECON MATERIALS ENGINEERING CORP.

Reports and other documents related to the phase two environmental site assessment

Reports and other documents relied upon in making any certifications in the record of site condition for the purposes of Part IV of Schedule A or otherwise used in conducting the phase two environmental site assessment

Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Geotechnical Investigation, Proposed Residential Development, 210 Burnhamthorpe Road West, Town of Oakville, Ontario (30291.225)	2020-07-01	Raid Khamis	AECON MATERIALS ENGINEERING CORP.
Phase Two Environmental Site Assessment, 210 Burnhamthorpe Road West, Town of Oakville, Ontario (Reference No. 30291.125)	2020-09-11	Sebastian Nicholas	AECON MATERIALS ENGINEERING CORP.
Phase Two Environmental Site Assessment, Report on Delineation of Impacted Soils, 210 Burnhamthorpe Road West, Oakville, Ontario (Reference No. 30291.125)	2020-09-25	Sebastian Nicholas	AECON MATERIALS ENGINEERING CORP.
Chemical Characterization of Soil (Sampled on October 7, 2020), Analysis Required by Receiving Facility for Excess Soils Generated during Proposed Remediation, 210 Burnhamthorpe Road West, Oakville, Ontario (Reference No. 30291.125)	2020-08-20	Sebastian Nicholas	AECON MATERIALS ENGINEERING CORP.

Environmental condition

Section 41 applies?	No
Section 43.1 applies?	No

Site condition information

Certification date (yyyy/mm/dd)	2021/02/02
Total area of record of site condition property (in hectares)	0.69700
Number of any previously filed record of site condition that applies to any part of the record of site condition property	
Number of any previously filed transition notice that applies to any part of the record of site condition property	
Soil texture	Medium and fine
Assessment/restoration approach	Full depth generic
Site investigation includes the investigation, sampling and analysis of ground water?	No
Is there soil present that is sufficient to investigate, sample and analyze soil on, in or under the property in accordance with s. 6, Schedule E of O.Reg. 153/04?	Yes
Site investigation includes the investigation, sampling and analysis of soil on, in or under the property which is used in the record of site condition?	Yes
Name of the laboratory used to analyze any samples collected of soil, ground water or sediment	AGAT LABORATORIES
Ground water condition (potable, non-potable)	Potable
Applicable site condition standard	TABLE 2

Table 1 – Maximum contaminant concentrations compared to applicable site condition standards

Measured concentration for contaminants in soil

Contaminant name		Maximum concentration		Applicable site condition	Unit of measure
1	Barium		**137**	390	µg/g
2	Beryllium		**1.9**	5	µg/g
3	Boron (total)		**9**	120	µg/g
4	Cadmium	<	0.5	1.2	µg/g
5	Chromium Total		**28**	160	µg/g
6	Cobalt		**13.8**	22	µg/g
7	Copper		**29**	180	µg/g
8	Lead		**113**	120	µg/g
9	Molybdenum		**0.7**	6.9	µg/g
10	Nickel		**33**	130	µg/g
11	Silver	<	0.5	25	µg/g
12	Thallium	<	0.5	1	µg/g
13	Uranium		**1.1**	23	µg/g
14	Vanadium		**40.1**	86	µg/g
15	Zinc		**87**	340	µg/g
16	Antimony	<	0.8	7.5	µg/g
17	Arsenic		**7**	18	µg/g
18	Selenium		**0.8**	2.4	µg/g
19	Boron (Hot Water Soluble)*		**1.25**	1.5	µg/g
20	Chromium VI	<	0.2	10	µg/g
21	Cyanide (CN-)	<	0.05	0.051	µg/g
22	Mercury		**1.33**	1.8	µg/g
23	Aldrin	<	0.005	0.05	µg/g
24	Chlordane	<	0.007	0.05	µg/g
25	DDD	<	0.007	3.3	µg/g
26	DDE	<	0.007	0.33	µg/g
27	DDT	<	0.007	1.4	µg/g
28	Dieldrin	<	0.005	0.05	µg/g
29	Endosulfan	<	0.005	0.04	µg/g
30	Endrin	<	0.005	0.04	µg/g
31	Heptachlor	<	0.005	0.15	µg/g
32	Heptachlor Epoxide	<	0.005	0.05	µg/g
33	Hexachlorobenzene	<	0.005	0.52	µg/g
34	Hexachlorobutadiene	<	0.01	0.014	µg/g
35	Hexachlorocyclohexane Gamma-	<	0.005	0.063	µg/g

...Continued on next page

Table 1 – Maximum contaminant concentrations compared to applicable site condition standards

Measured concentration for contaminants in soil

Continued from previous page....

Contaminant name		Maximum concentration		Applicable site condition	Unit of measure
36	Hexachloroethane	<	0.01	0.071	µg/g
37	Methoxychlor	<	0.005	0.13	µg/g
38	Polychlorinated Biphenyls	<	0.1	0.35	µg/g
39	Petroleum Hydrocarbons F1****	<	5	65	µg/g
40	Petroleum Hydrocarbons F2	<	10	150	µg/g
41	Petroleum Hydrocarbons F3	<	50	1300	µg/g
42	Petroleum Hydrocarbons F4	<	50	5600	µg/g
43	Benzene	<	0.02	0.17	µg/g
44	Ethylbenzene	<	0.05	1.6	µg/g
45	Toluene	<	0.05	6	µg/g
46	Xylene Mixture	<	0.05	25	µg/g

Remedial action and mitigation

Remediated soils

Estimated quantities of the soil, if any, originating at and remaining on the record of site condition property that have been remediated, at a location either on or off the property, to reduce the concentration of contaminants in the soil. Indicate the remediation process or processes used and the estimated amount of soil remediated by each identified process.

Soil remediation process	Estimated quantity of soil (in ground-volume in cubic metres)

Description of remediation

Description of any action taken to reduce the concentration of contaminants (including soil removals) on, in or under the record of site condition property.

Soil or sediment removed and not returned

Estimated quantities of soil or sediment, if any, removed from and not returned to the record of site condition property.

Estimated quantity of soil (in ground-volume in cubic metres)	534.0
Estimated quantity of sediment (in ground-volume in cubic metres)	

Soil brought to the property

Estimated quantity of the soil, if any, being brought from another property to and deposited at the record of site condition property, not including any soil that may have originated at but been remediated off the record of site condition property and that is identified in section 28 of Schedule A.

Estimated quantity of soil brought to the property (in ground-volume in cubic metres)	

Ground water control or treatment measures

Ground water control or treatment measures that were required for the record of site condition property prior to the certification date for the purpose of submitting the record of site condition for filing.

Ground water control or treatment measures that are required for the record of site condition property after the certification date.

Estimated volume of ground water, if any, removed from and not returned to the record of site condition property.

Estimated volume of ground water (in litres)	

Other activities including risk management measures

Constructed works that prior to the certification date for the purpose of submitting the record of site condition for filing, were required to control or otherwise mitigate the release or movement of known existing contaminants at the record of site condition property.

Constructed works that after the certification date, are required to control or otherwise mitigate the release or movement of known existing contaminants at the record of site condition property.

Monitoring or Maintenance

Soil Management Measures

Soil monitoring requirements or any requirements for care, maintenance or replacement or any monitoring or control works for known existing contaminants, if any, on the record of site condition property, after the certification date.

Ground water management measures

Ground water monitoring requirements or requirements for care, maintenance or replacement of any monitoring or control works or known existing contaminants, if any, on the record of site condition property, after the certification date.

Remediated or removed soil, sediment or ground water from near property boundary

Has any soil, sediment or ground water at the record of site condition property that is or was located within 3 metres of the record of site condition property boundary been remediated or removed for the purpose of remediation?	No

C Qualified person's statements and certifications

As the qualified person, I certify that:

☑ A phase one environmental site assessment of the record of site condition property, which includes the evaluation of the information gathered from a records review, site reconnaissance, interviews, a report and any updates required, has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.

☑ A phase two environmental site assessment of the record of site condition property, which includes the evaluation of the information gathered from planning and conducting a site investigation, a report, and any updates required, has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.

☑ The information represents the site conditions at the sampling points at the time of sampling only and the conditions between and beyond the sampling points may vary.

☑ As of 2021/02/02, in my opinion, based on the phase one environmental site assessment and the phase two environmental site assessment, and any confirmatory sampling, there is no evidence of any contaminants in the soil, ground water or sediment on, in or under the record of site condition property that would interfere with the type of property use to which the record of site condition property will be put, as specified in the record of site condition.

☑ As of 2021/02/02, in my opinion, based on the phase one and phase two environmental site assessments, and any confirmatory sampling, which included the sampling and analysis of soil, it is not necessary to conduct sampling and analysis of ground water quality for the record of site condition property to make the certified statement set out in paragraph 3 of section 17 of Schedule A.

☑ As of 2021/02/02, in my opinion, based on the phase one and phase two environmental site assessments and any confirmatory sampling, the record of site condition property meets the applicable full depth generic site condition standards prescribed by section 36 of the regulation for all contaminants prescribed by the regulation in relation to the type of property use for which this record of site condition is filed, except for those contaminants (if any) specified in this record of site condition at Table 2, Maximum contaminant concentrations compared to standards specified in a risk assessment.

☑ As of 2021/02/02, the maximum known concentration of each contaminant in soil, sediment and ground water at the record of site condition property for which sampling and analysis has been performed is specified in this record of site condition at Table 1, maximum contaminant concentrations compared to applicable full depth generic site condition standards.

☑ I am a qualified person and have the qualifications required by section 5 of the regulation.

☑ I have in place an insurance policy that satisfies the requirements of section 7 of the regulation.

☑ I acknowledge that the record of site condition will be submitted for filing in the Environmental Site Registry, that records of site condition that are filed in the Registry are available for examination by the public and that the Registry contains a notice advising users of the Registry who have dealings with any property to consider conducting their own due diligence with respect to the environmental condition of the property, in addition to reviewing information in the Registry.

☑ The opinions expressed in this record of site condition are engineering or scientific opinions made in accordance with generally accepted principles and practices as recognized by members of the environmental engineering or science profession or discipline practising at the same time and in the same or similar location.

☑ I do not hold and have not held and my employer AECON MATERIALS ENGINEERING CORP. does not hold and has not held a direct or indirect interest in the record of site condition property or any property which includes the record of site condition property and was the subject of a phase one or environmental site assessment or risk assessment upon which this record of site condition is based.

☑ To the best of my knowledge, the certifications and statements in this part of the record of site condition are true as of 2021/02/02.

☑ By signing this record of site condition, I make no express or implied warranties or guarantees.

By checking the boxes above, and entering my membership/licence number in this submission, I, SEBASTIAN NICHOLAS, a qualified person as defined in section 5 of O. Reg. 153/04 am, on 2021/11/30:

a) signing this record of site condition submission as a qualified person; and

a) signing this record of site condition submission as a qualified person; and
b) making all certifications required as a qualified person for this record of site condition.

☑ **I agree**

Additional documentation provided by property owner or agent

The following documents have been submitted to the Ministry of the Environment, Conservation and Parks as part of the record of site condition

Certificate of status or equivalent for the owner
Authorization for agent to submit record of site condition for filing
Lawyer's letter consisting of a legal description of the property
Copy of any deed(s), transfer(s) or other document(s) by which the record of site condition property was acquired
A Current plan of survey
Area(s) of potential environmental concern
Table of current and past uses of the phase one property
Phase 2 conceptual site model
Owner or agent certification statements

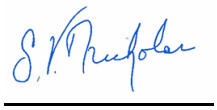
10.1.2

As an agent acting on behalf of the owner of the RSC property:

1. I acknowledge that the RSC will be submitted for filing in the Environmental Site Registry, that records of site condition that are filed in the Registry are available for examination by the public and that the Registry contains a notice advising users of the Registry who have dealings with any property to consider conducting their own due diligence with respect to the environmental condition of the property, in addition to reviewing information in the Registry.
2. I have conducted reasonable inquiries to obtain all information relevant to this RSC, including information from the other current owners of the RSC property named in this part of the RSC and I have obtained all information relevant to this RSC of which I am aware.
3. I have disclosed all information referred to in paragraph 2 to any qualified person named in this RSC.
4. To my knowledge, the statements made in this part of the RSC are true as of *November 30, 2021.*
5. I have ensured that access to the entire property, including the phase one property, any phase two property and the RSC property, has been afforded to the qualified person and to persons supervised by the qualified person, for purposes of conducting the site reconnaissance.

I certify that I have been authorized by the owner of the RSC property to make the statements prescribed by this section on their behalf and that the owner of the RSC property has read and understands the statements being made on their behalf.

Name of the Agent Sebastian Nicholas

Signature:  Date Signed: November 30, 2021

AME-Materials Engineering
10 Perdue Court, Units 2 & 3, Caledon, Ontario, L7C 3M6
Phone (905) 840-5914 Fax (905) 840-7859

APPENDIX D:

EcoLog ERIS Report (20200609264)

Phase One Environmental Site Assessment Update
G.C. Family Investments Inc. Property
210 Burnhamthorpe Road West
Town of Oakville, Ontario

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*210 & 374 Burnhamthorpe Road West* *210 & 374 Burnhamthorpe Road West* *Oakville ON L6M 4K3*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*20200609264*
Requested by:	*AME Materials Engineering*
Date Completed:	*June 12, 2020*

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: *210 & 374 Burnhamthorpe Road West*
210 & 374 Burnhamthorpe Road West Oakville ON L6M 4K3

Project No:

Order Information:

Order No: *20200609264*
Date Requested: *June 9, 2020*
Requested by: *AME Materials Engineering*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	1	1
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	3	4
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	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
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	4	14	18
	Total:		5	19	24

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		374 Burnhamthorpe Road West Oakville ON	WSW/0.0	0.42	15
2	WWIS		ON **Well ID:** 7257332	WSW/0.0	2.20	15
4	WWIS		Oakville ON **Well ID:** 7279653	W/0.0	3.37	16
7	WWIS		lot 17 con 1 ON **Well ID:** 2802135	N/0.0	7.18	17
10	WWIS		lot 17 con 1 ON **Well ID:** 2802131	N/0.0	8.07	20

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	EHS		353 Burnhamthorpe Rd W Oakville ON	W/43.4	5.58	22
5	WWIS		lot 19 con 2 OAKVILLE ON ***Well ID:*** 7135912	W/51.9	6.42	23
6	RSC	Sherborne Lodge Developments Limited	382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3 ON L6M 4K3	W/2.4	4.13	26
8	WWIS		lot 18 con 2 ON ***Well ID:*** 2805697	NW/143.6	9.61	26
9	EHS		1 Neyagawa Blvd Oakville ON L6M4L6	SW/159.6	-2.42	29
11	WWIS		lot 17 con 2 ON ***Well ID:*** 2802211	N/19.1	9.08	29
12	WWIS		lot 17 con 1 ON ***Well ID:*** 2802898	N/2.5	8.23	32
13	WWIS		lot 17 con 1 ON ***Well ID:*** 2802134	N/8.1	8.20	35
14	CFOT	SURINDER S. SIDHU	194 BURNHAMTHORPE RD OAKVILLE ON L6J 4Z2	N/33.1	7.46	38
15	WWIS		OAKVILLE ON ***Well ID:*** 7238402	ENE/214.5	2.17	38
16	EHS		337-353 Burnhamthorpe Rd W Oakville ON	W/176.4	6.99	41
17	WWIS		lot 17 con 1 Oakville ON	NNE/156.6	5.60	41

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7105449			
18	WWIS		OAKVILLE ON ***Well ID:*** 7301918	ESE/225.2	-2.27	43
19	WWIS		lot 17 con 1 Oakville ON ***Well ID:*** 7105448	NNE/156.4	6.38	45
20	WWIS		lot 17 con 2 ON ***Well ID:*** 2802212	N/145.6	10.75	47
21	WWIS		lot 17 con 1 Oakville ON ***Well ID:*** 7105450	NNE/202.5	6.04	50
22	WWIS		OAKVILLE ON ***Well ID:*** 2810342	NNE/175.6	7.20	51
23	WWIS		Oakville ON ***Well ID:*** 7225279	NNW/213.5	12.16	54
24	WWIS		lot 17 OAKVILLE ON ***Well ID:*** 2810671	N/218.8	11.63	56

Executive Summary: Summary By Data Source

CFOT - Commercial Fuel Oil Tanks

A search of the CFOT database, dated Feb 28, 2017 has found that there are 1 CFOT site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
SURINDER S. SIDHU	194 BURNHAMTHORPE RD OAKVILLE ON L6J 4Z2	33.1	14

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	374 Burnhamthorpe Road West Oakville ON	0.0	1
	353 Burnhamthorpe Rd W Oakville ON	43.4	3
	1 Neyagawa Blvd Oakville ON L6M4L6	159.6	9
	337-353 Burnhamthorpe Rd W Oakville ON	176.4	16

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2020 has found that there are 1 RSC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Sherborne Lodge Developments Limited	382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3 ON L6M 4K3	2.4	6

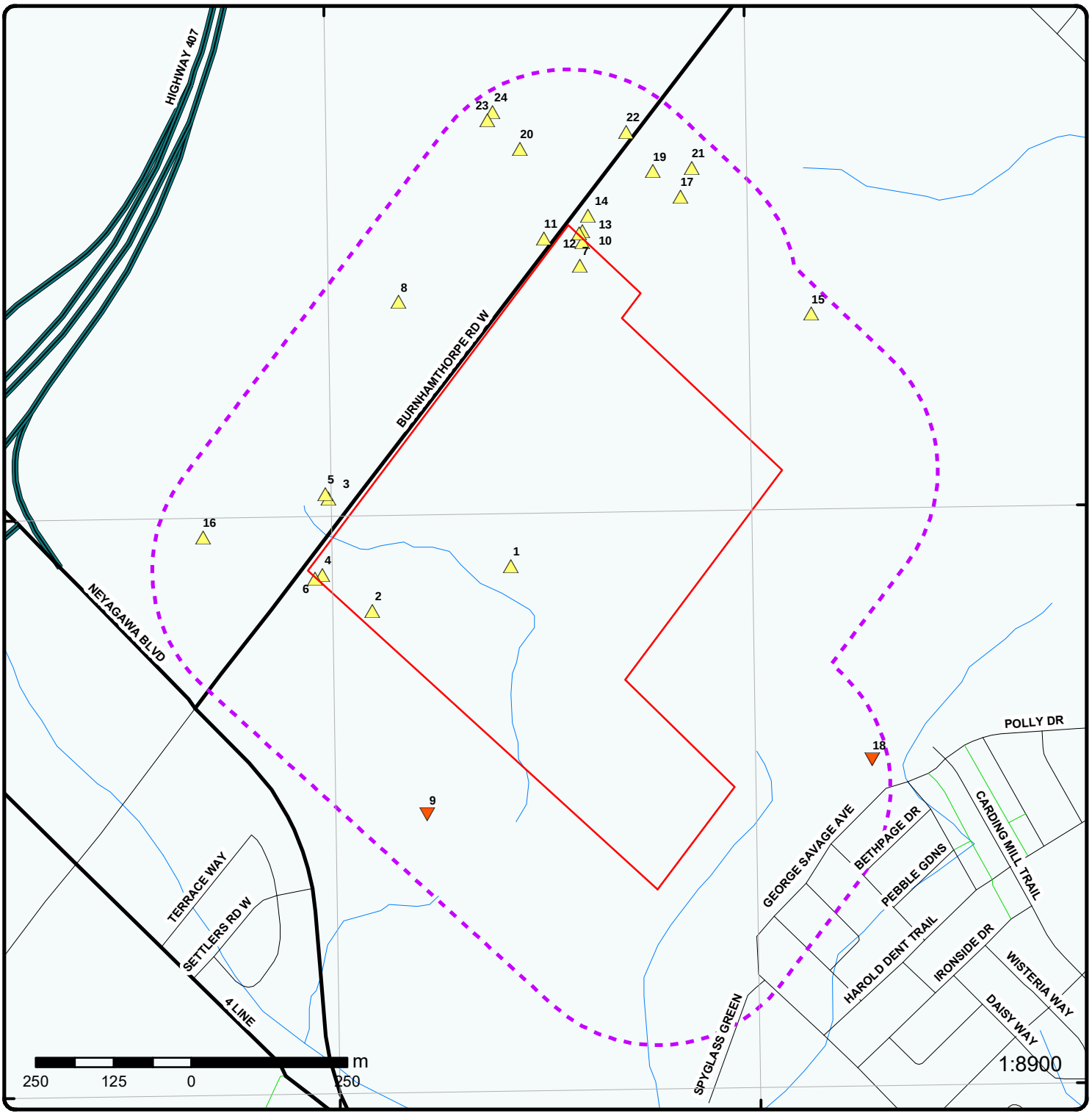
Site	Address	Distance (m)	Map Key

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 18 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON ***Well ID:*** 7257332	0.0	2
	Oakville ON ***Well ID:*** 7279653	0.0	4
	lot 19 con 2 OAKVILLE ON ***Well ID:*** 7135912	51.9	5
	lot 17 con 1 ON ***Well ID:*** 2802135	0.0	7
	lot 18 con 2 ON ***Well ID:*** 2805697	143.6	8
	lot 17 con 1 ON ***Well ID:*** 2802131	0.0	10
	lot 17 con 2 ON ***Well ID:*** 2802211	19.1	11
	lot 17 con 1 ON ***Well ID:*** 2802898	2.5	12
	lot 17 con 1 ON ***Well ID:*** 2802134	8.1	13

Site	Address	Distance (m)	Map Key
	OAKVILLE ON ***Well ID:*** 7238402	214.5	15
	lot 17 con 1 Oakville ON ***Well ID:*** 7105449	156.6	17
	OAKVILLE ON ***Well ID:*** 7301918	225.2	18
	lot 17 con 1 Oakville ON ***Well ID:*** 7105448	156.4	19
	lot 17 con 2 ON ***Well ID:*** 2802212	145.6	20
	lot 17 con 1 Oakville ON ***Well ID:*** 7105450	202.5	21
	OAKVILLE ON ***Well ID:*** 2810342	175.6	22
	Oakville ON ***Well ID:*** 7225279	213.5	23
	lot 17 OAKVILLE ON ***Well ID:*** 2810671	218.8	24



Map : 0.25 Kilometer Radius

Order Number: 20200609264

Address: 210 & 374 Burnhamthorpe Road West, Oakville, ON

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

79°45'W

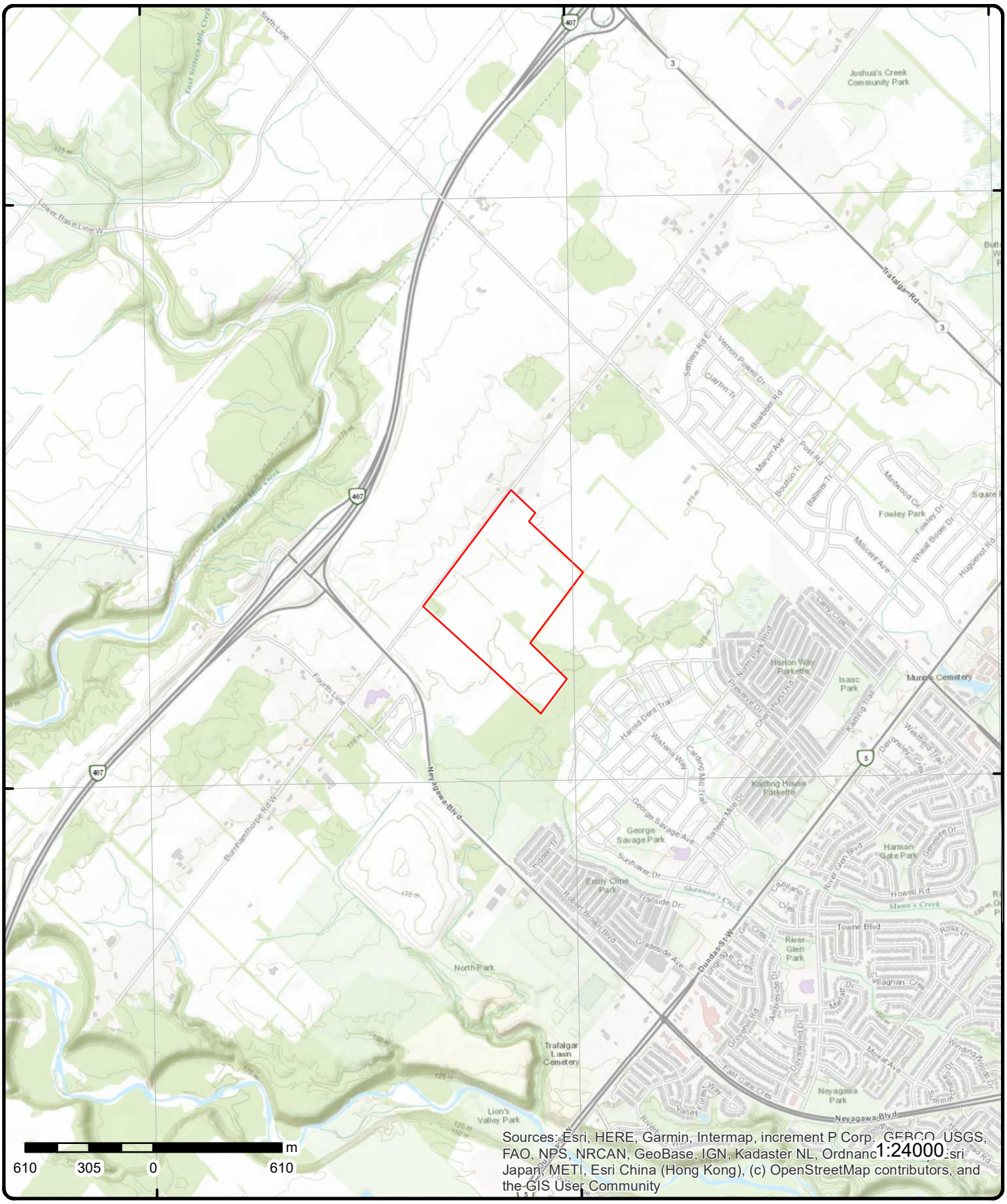
Aerial **Year: 2017**

Order Number: 20200609264

Address: 210 & 374 Burnhamthorpe Road West, Oakville, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 210 & 374 Burnhamthorpe Road West, ON

Source: ESRI World Topographic Map

Order Number: 20200609264

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	WSW/0.0	178.1 / 0.42	374 Burnhamthorpe Road West Oakville ON	EHS

Order No:	20120815002	**Nearest Intersection:**	
Status:	C	**Municipality:**	Halton
Report Type:	RSC Premium Package (Rural)	**Client Prov/State:**	ON
Report Date:	23-AUG-12	**Search Radius (km):**	.3
Date Received:	15-AUG-12	**X:**	-79.754819
Previous Site Name:		**Y:**	43.482578
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	WSW/0.0	179.8 / 2.20	ON	WWIS

Well ID:	7257332	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	2/2/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7230
Casing Material:		**Form Version:**	8
Audit No:	C31524	**Owner:**	
Tag:	A184727	**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE 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:			

Bore Hole Information

Bore Hole ID:	1005880075	**Elevation:**	179.891372
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600473
Code OB Desc:		**North83:**	4815088
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/1/2015	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
4	1 of 1	W/0.0	181.0 / 3.37	Oakville ON	WWIS

Well ID: 7279653
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z244773
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 1/25/2017
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7472
Form Version: 7
Owner:
Street Name: 374 BURNHAMTHORPE
County: HALTON

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

Bore Hole Information

Bore Hole ID: 1006343488
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/2/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 182.014251
Elevrc:
Zone: 17
East83: 600393
North83: 4815145
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1006551329
Layer: 1
Plug From: 0
Plug To: 26
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1006551322
Casing No: 0
Comment:
Alt Name:

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

Construction Record - Casing

Casing ID:	1006551326
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1006551327
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Hole Diameter

Hole ID:	1006551324
Diameter:	60
Depth From:	0
Depth To:	26
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	N/0.0	184.8 / 7.18	lot 17 con 1 ON	WWIS

Well ID:	2802135	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/24/1967
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1612
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	017
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
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:	10148689	***Elevation:***	183.338409
DP2BR:	31	***Elevrc:***	

Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	600805.6
Code OB Desc:	Bedrock	***North83:***	4815641
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	3/10/1967	***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:	931427749
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	31
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427750
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	31
Formation End Depth:	56
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427748
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1

Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10697259
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253006
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 32
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253007
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 56
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802135
Pump Set At:
Static Level: 13
Final Level After Pumping: 56
Recommended Pump Depth: 52
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID:	933604183
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53
Water Found Depth UOM:	ft

10 | **1 of 1** | **N/0.0** | **185.7 / 8.07** | **lot 17 con 1 ON** | **WWIS**

Well ID:	2802131	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/7/1965
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4602
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	017
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
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:	10148685	**Elevation:**	184.179016
DP2BR:	27	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600809.6
Code OB Desc:	Bedrock	**North83:**	4815679
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/22/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427734
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	

Other Materials:
Formation Top Depth: 0
Formation End Depth: 17
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427736
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 52
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427735
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 17
Formation End Depth: 27
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10697255
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930252999
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 52

Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930252998
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	32
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992802131
Pump Set At:	
Static Level:	14
Final Level After Pumping:	52
Recommended Pump Depth:	50
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933604179
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	49
Water Found Depth UOM:	ft

Water Details

Water ID:	933604178
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	35
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	W/43.4	183.2 / 5.58	353 Burnhamthorpe Rd W Oakville ON	EHS

Order No:	20080208014	**Nearest Intersection:**	Neyagawa Blvd
Status:	C	**Municipality:**	
Report Type:	Basic Report	**Client Prov/State:**	ON
Report Date:	2/19/2008	**Search Radius (km):**	0.25
Date Received:	2/8/2008	**X:**	-79.758418
Previous Site Name:		**Y:**	43.483594

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot/Building Size:					
Additional Info Ordered:					

5	1 of 1	W/51.9	184.1 / 6.42	lot 19 con 2 OAKVILLE ON	WWIS

Well ID:	7135912	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	12/14/2009
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7140
Casing Material:		**Form Version:**	3
Audit No:	Z01650	**Owner:**	
Tag:		**Street Name:**	HALTON REGION
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	MILTON TOWN (TRAFALGAR)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	019
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	DS N
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:	1002876554	**Elevation:**	182.959976
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600397
Code OB Desc:		**North83:**	4815275
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/19/2009	**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:	1002876783
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7.85
Formation End Depth:	8.15
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID: 1002876784
Layer: 4
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 8.15
Formation End Depth: 8.37
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002876782
Layer: 2
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5.2
Formation End Depth: 7.85
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002876781
Layer: 1
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5.2
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876786
Layer: 1
Plug From: 0
Plug To: 5.2
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876787
Layer: 2
Plug From: 5.2
Plug To: 7.85
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876789
Layer: 2
Plug From: 8.15
Plug To: 8.87
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876788
Layer: 3
Plug From: 7.85
Plug To: 8.15
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 1002876779
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002876791
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002876792
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m

Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002876780
Pump Set At:
Static Level: 1.06
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1002876785
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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6 | **1 of 1** | **W/2.4** | **181.8 / 4.13** | **Sherborne Lodge Developments Limited**
382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3
ON L6M 4K3 | **RSC**

RSC ID: 50311
RA No:
RSC Type:
Curr Property Use: Agriculture/Other
Ministry District: OAKVILLE
Filing Date: 15-Apr-09
Date Ack:
Date Returned:
Restoration Type:
Soil Type:
Criteria:
CPU Issued Sect 1686: No
Cert Date: 27-Jan-09
Cert Prop Use No: No CPU
Intended Prop Use: Residential
Qual Person Name: David Stewart
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N): Yes
Accuracy Estimate: 0 to 1 meters
Telephone: 905-8292424
Fax: 905-8292002
Email: david.stewart@mattamycorp.com
Asmt Roll No: 2.40101E+18
Prop ID No (PIN): 24929 - 0219 (LT)
Property Municipal Address: 382 BURNHAMTHORPE RD W, OAKVILLE, ON, L6M 4K3
Mailing Address: 2360 BRISTOL CIR, OAKVILLE, ON, L6H 6M5
Latitude & Latitude: 43.47916670N 79.75666670W
UTM Coordinates: NAD83 17-600551-4814778 (converted from Latitude & Longitude)
Consultant:
Legal Desc: PT LTS 19 & 20, CON 1 TRAF NDS, PT 1 20R17350; OAKVILLE
Measurement Method: Global Positioning System
Applicable Standards: ESA Phase 1
RSC PDF:

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8 | **1 of 1** | **NW/143.6** | **187.3 / 9.61** | **lot 18 con 2** | **WWIS**

Well ID:	2805697	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/3/1981
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3108
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	018
Well Depth:		**Concession:**	02
Overburden/Bedrock:		**Concession Name:**	DS N
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:	10152173	**Elevation:**	187.67308
DP2BR:	44	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600514.6
Code OB Desc:	Bedrock	**North83:**	4815583
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/8/1981	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931440684
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	102
Formation End Depth:	120
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931440682
Layer:	2

Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 72
Other Materials: GRAVELLY
Mat3:
Other Materials:
Formation Top Depth: 17
Formation End Depth: 44
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931440683
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 44
Formation End Depth: 102
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931440681
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 72
Other Materials: GRAVELLY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 17
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10700743
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930258683
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992805697
Pump Set At:	
Static Level:	16
Final Level After Pumping:	119
Recommended Pump Depth:	119
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933609010
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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9 | ***1 of 1*** | ***SW/159.6*** | ***175.2 / -2.42*** | ***1 Neyagawa Blvd Oakville ON L6M4L6*** | ***EHS***

Order No:	20140214020	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	25-FEB-14	**Search Radius (km):**	.25
Date Received:	14-FEB-14	**X:**	-79.756551
Previous Site Name:		**Y:**	43.479011
Lot/Building Size:			
Additional Info Ordered:			

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11 | ***1 of 1*** | ***N/19.1*** | ***186.7 / 9.08*** | ***lot 17 con 2 ON*** | ***WWIS***

Well ID:	2802211	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/21/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5417
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	

Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	017
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	DS N
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:	10148765	***Elevation:***	184.725936
DP2BR:	39	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	600747.6
Code OB Desc:	Bedrock	***North83:***	4815685
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	10/4/1960	***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:	931427962
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	39
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427961
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	16
Formation End Depth:	39

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427960
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 16
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10697335
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253135
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253134
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802211

Pump Set At:	
Static Level:	18
Final Level After Pumping:	50
Recommended Pump Depth:	45
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	4
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933604264
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	56
Water Found Depth UOM:	ft

Water Details

Water ID:	933604263
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	43
Water Found Depth UOM:	ft

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12 | ***1 of 1*** | ***N/2.5*** | ***185.9 / 8.23*** | ***lot 17 con 1 ON*** | ***WWIS***

Well ID:	2802898	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/24/1969
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3637
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	017
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
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:	10149445	**Elevation:**	184.452423
DP2BR:	26	**Elevrc:**	

Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	600804.6
Code OB Desc:	Bedrock	***North83:***	4815693
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/28/1968	***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:	931430047
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931430046
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931430045
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	2

Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10698015
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930254229
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 33
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802898
Pump Set At:
Static Level: 4
Final Level After Pumping:
Recommended Pump Depth: 30
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933605087
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 30
Water Found Depth UOM: ft

Water Details

Water ID: 933605086
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	17
Water Found Depth UOM:	ft

13 | **1 of 1** | **N/8.1** | **185.8 / 8.20** | **lot 17 con 1 ON** | **WWIS**

Well ID:	2802134	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/4/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	5417
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	017
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	DS N
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:	10148688	**Elevation:**	184.40776
DP2BR:	29	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600809.6
Code OB Desc:	Bedrock	**North83:**	4815696
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/8/1960	**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:	931427744
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427742
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427745
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	12
Other Materials:	STONES
Formation Top Depth:	19
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427743
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	14
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427746
Layer:	5
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 25
Formation End Depth: 29
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427747
Layer: 6
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 61
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10697258
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253004
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 34
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253005
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 61
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	992802134
Pump Set At:	
Static Level:	7
Final Level After Pumping:	51
Recommended Pump Depth:	48
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	1
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933604182
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

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14 | ***1 of 1*** | ***N/33.1*** | ***185.1 / 7.46*** | ***SURINDER S. SIDHU***
194 BURNHAMTHORPE RD
OAKVILLE ON L6J 4Z2 | ***CFOT***

Licence No:		***Letter Sent:***	
Registration No:		***Corrosion Protection:***	
Posse File No:		***Province:***	ON
Posse Reg No:		***Nbr:***	2953
Tank Type:	Single Wall UST	***Contact Name:***	
Instance Number:	61347963	***Contact Address:***	
Facility Type:	FS Fuel Oil Tank	***Contact Address2:***	
Instance Type:	FS Fuel Oil Tank	***Contact Suite:***	
Status Name:	Active	***Contact City:***	
Fuel Type:	Fuel Oil	***Contact Prov:***	
Distributor:		***Contact Postal:***	
Tank Material:	Steel	***Tank Address:***	194 BURNHAMTHORPE RD
Tank Age (as of 05/1992):		***Comments:***	
Tank Size:	4500		

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15 | ***1 of 1*** | ***ENE/214.5*** | ***179.8 / 2.17*** | ***OAKVILLE ON*** | ***WWIS***

Well ID:	7238402	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	3/17/2015
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7247
Casing Material:		***Form Version:***	7
Audit No:	Z198514	***Owner:***	
Tag:	A161591	***Street Name:***	382 BURNHAMTHORPE RD. W
Construction Method:		***County:***	HALTON

Elevation (m):		***Municipality:***	OAKVILLE 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:			

Bore Hole Information

Bore Hole ID:	1005313323	***Elevation:***	178.214431
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	601177
Code OB Desc:		***North83:***	4815564
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	6/30/2014	***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:	1005560596
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Other Materials:	SILTY
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	0.9
Formation End Depth:	5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005560594
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.15
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005560595
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	84
Other Materials:	SILTY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	0.15
Formation End Depth:	0.9
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005560604
Layer:	1
Plug From:	0
Plug To:	9
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1005560593
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005560599
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	10
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005560600
Layer:	1
Slot:	10
Screen Top Depth:	10
Screen End Depth:	15
Screen Material:	5

Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.125

Hole Diameter

Hole ID:	1005560597
Diameter:	8.25
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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16 **1 of 1** **W/176.4** **184.6 / 6.99** **337-353 Burnhamthorpe Rd W Oakville ON** **EHS**

Order No:	20120430037	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	5/9/2012	**Search Radius (km):**	0.25
Date Received:	4/30/2012	**X:**	-79.760918
Previous Site Name:		**Y:**	43.483056
Lot/Building Size:			
Additional Info Ordered:			

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17 **1 of 1** **NNE/156.6** **183.3 / 5.60** **lot 17 con 1 Oakville ON** **WWIS**

Well ID:	7105449	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	5/23/2008
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7219
Casing Material:		**Form Version:**	7
Audit No:	Z92425	**Owner:**	
Tag:	A071865	**Street Name:**	160 BURNHAMTHORPE RD WEST
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	017
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:			

Bore Hole Information

Bore Hole ID:	1001600344	**Elevation:**	181.348678
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	600967
Code OB Desc:		**North83:**	4815752
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	5/3/2008	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			

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

Annular Space/Abandonment Sealing Record

Plug ID: 1001793999
Layer: 2
Plug From: 1.21
Plug To: 1.52
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001794001
Layer: 4
Plug From: 2.74
Plug To: 3.04
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001793998
Layer: 1
Plug From: 0
Plug To: 1.21
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001794000
Layer: 3
Plug From: 1.52
Plug To: 2.74
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 1001793994
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001794003
Layer: 1

Material:	3
Open Hole or Material:	CONCRETE
Depth From:	0
Depth To:	3.35
Casing Diameter:	111.7
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001794004
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1001793995
Pump Set At:	
Static Level:	0.6
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Hole Diameter

Hole ID:	1001793997
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

18 | ***1 of 1*** | ***ESE/225.2*** | ***175.4 / -2.27*** | ***OAKVILLE ON*** | ***WWIS***

Well ID:	7301918	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/21/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7523
Casing Material:		**Form Version:**	7
Audit No:	Z274447	**Owner:**	
Tag:		**Street Name:**	DUNDAS AND PRESERVE
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE TOWN

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

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

Bore Hole Information

Bore Hole ID: 1006921621
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/10/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 175.626525
Elevrc:
Zone: 17
East83: 601275
North83: 4814849
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1007089968
Layer: 1
Plug From: 0
Plug To: 4.88
Plug Depth UOM: m

Pipe Information

Pipe ID: 1007089961
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007089965
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 4.88
Casing Diameter: 5.08
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007089966
Layer:
Slot:
Screen Top Depth:

Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 1007089963
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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19 | **1 of 1** | **NNE/156.4** | **184.0 / 6.38** | **lot 17 con 1 Oakville ON** | **WWIS**

Well ID: 7105448
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: Z92424
Tag: A071864
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/23/2008
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7219
Form Version: 7
Owner:
Street Name: 160 BURNHAMTHORPE RD WEST
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 017
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1001600341
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 5/3/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 182.058944
Elevrc:
Zone: 17
East83: 600923
North83: 4815793
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1001793983
Layer: 1

Plug From: 0
Plug To: 1.21
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001793986
Layer: 4
Plug From: 3.04
Plug To: 3.35
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001793985
Layer: 3
Plug From: 1.52
Plug To: 3.04
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001793984
Layer: 2
Plug From: 1.21
Plug To: 1.52
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 1001793979
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001793988
Layer: 1
Material:
Open Hole or Material:
Depth From: 0
Depth To: 3.65
Casing Diameter: 91.44
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001793989
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001793980
Pump Set At:
Static Level: 0.6
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1001793982
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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20 | ***1 of 1*** | ***N/145.6*** | ***188.4 / 10.75*** | ***lot 17 con 2 ON*** | ***WWIS***

Well ID: 2802212
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/2/1963
Selected Flag: Yes
Abandonment Rec:
Contractor: 5417
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 017
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10148766	***Elevation:***	187.383193
DP2BR:	39	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	600709.6
Code OB Desc:	Bedrock	***North83:***	4815829
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	9/6/1962	***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:	931427964
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	39
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427965
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	39
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427963
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 19
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10697336
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253137
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253136
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802212
Pump Set At:
Static Level: 19
Final Level After Pumping: 50
Recommended Pump Depth: 55
Pumping Rate: 2
Flowing Rate:
Recommended Pump Rate: 2
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 45

Flowing: N

Water Details

Water ID: 933604265
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 54
Water Found Depth UOM: ft

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21 | ***1 of 1*** | ***NNE/202.5*** | ***183.7 / 6.04*** | ***lot 17 con 1 Oakville ON*** | ***WWIS***

Well ID: 7105450
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z92426
Tag: A071845
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 5/23/2008
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7219
Form Version: 7
Owner:
Street Name: 160 BURNHAMTHORPE RD WEST
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 017
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1001600347
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 5/3/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 180.018264
Elevrc:
Zone: 17
East83: 600985
North83: 4815798
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1001794013
Layer: 2
Plug From: 2.74
Plug To: 3.04
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1001794012
Layer:	1
Plug From:	0
Plug To:	2.74
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	A
Method Construction:	Digging
Other Method Construction:	

Pipe Information

Pipe ID:	1001794009
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001794015
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	91.44
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001794016
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Hole Diameter

Hole ID:	1001794011
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

22	***1 of 1***	***NNE/175.6***	***184.8 / 7.20***	***OAKVILLE ON***	***WWIS***

Well ID: 2810342 ***Data Entry Status:***

Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	9/7/2005
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	6809
Casing Material:		**Form Version:**	3
Audit No:	Z33984	**Owner:**	
Tag:	A023191	**Street Name:**	BURNAMPTHORPE RD
Construction Method:		**County:**	HALTON
Elevation (m):		**Municipality:**	OAKVILLE 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:			

Bore Hole Information

Bore Hole ID:	11319297	**Elevation:**	183.001907
DP2BR:	25	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	600880
Code OB Desc:	Bedrock	**North83:**	4815855
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/8/2005	**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:	933007553
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	933007554
Layer:	3
Color:	7
General Color:	RED
Mat1:	17

Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 25
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 933007552
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933276185
Layer: 2
Plug From: 2
Plug To: 18
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933276187
Layer: 1
Plug From: 0
Plug To: 2
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933276186
Layer: 3
Plug From: 18
Plug To: 30
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11334152
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930860286
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 20
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933414433
Layer: 1
Slot: 10
Screen Top Depth: 20
Screen End Depth: 30
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Hole Diameter

Hole ID: 11537871
Diameter: 8.25
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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23 ***1 of 1*** ***NNW/213.5*** ***189.8 / 12.16*** ***Oakville ON*** ***WWIS***

Well ID: 7225279
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: Z179652
Tag: A156004
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:

Data Entry Status:
Data Src:
Date Received: 8/11/2014
Selected Flag: Yes
Abandonment Rec:
Contractor: 7247
Form Version: 7
Owner:
Street Name: BURNHAMTHORPE RD. W & 6TH LINE
County: HALTON
Municipality: MILTON TOWN (TRAFALGAR)
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	1005044312	***Elevation:***	188.489135
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	600657
Code OB Desc:		***North83:***	4815875
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/6/2014	***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:	1005222931
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	34
Other Materials:	TILL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005222932
Layer:	2
Color:	7
General Color:	RED
Mat1:	34
Most Common Material:	TILL
Mat2:	
Other Materials:	
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	2
Formation End Depth:	35
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005222940
Layer:	1
Plug From:	0
Plug To:	29
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1005222930
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005222935
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 30
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1005222936
Layer: 1
Slot: 10
Screen Top Depth: 30
Screen End Depth: 35
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2.125

Hole Diameter

Hole ID: 1005222933
Diameter: 8.25
Depth From: 0
Depth To: 35
Hole Depth UOM: ft
Hole Diameter UOM: inch

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24 ***1 of 1*** ***N/218.8*** ***189.3 / 11.63*** ***lot 17 OAKVILLE ON*** ***WWIS***

Well ID: 2810671
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z71494
Tag:

Data Entry Status:
Data Src:
Date Received: 12/27/2006
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 3349
Form Version: 3
Owner:
Street Name:

Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	017
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:	11692876	***Elevation:***	188.391265
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	600666
Code OB Desc:	No formation data	***North83:***	4815888
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	9/25/2006	***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:	933303543
Layer:	3
Plug From:	0
Plug To:	2
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933303541
Layer:	1
Plug From:	17.5
Plug To:	19.5
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933303542
Layer:	2
Plug From:	2
Plug To:	17.5
Plug Depth UOM:	m

Pipe Information

Pipe ID:	11697742
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	930888222
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	15.88
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Hole Diameter

Hole ID:	11756646
Diameter:	15.88
Depth From:	0
Depth To:	19.5
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 17 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Part of Lot 18, Concession 1, SDS	Oakville ON	
CA		Part of Lot 18, Concession 1, SDS	Oakville ON	
SPL	UNION GAS LTD.	BURNHAMTHORPE RD WEST AT MAIN GAS TRANSMISSION LINE FROM MILTON. PIPELINE/COMPRESSOR STATION	OAKVILLE TOWN ON	
WWIS		lot 18 con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		lot 19 con 2	OAKVILLE ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 2	ON	
WWIS		con 2	ON	

Unplottable Report

Site: *Part of Lot 18, Concession 1, SDS Oakville ON*

Database: CA

Certificate #:	2478-4TSRL2
Application Year:	01
Issue Date:	2/12/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Donato Homes Inc.
Client Address:	2398 Headon Road
Client City:	Burlington
Client Postal Code:	L7M 3Y3
Project Description:	Installation of watermains on Street "A" at The Woods of Glen Abbey
Contaminants:	
Emission Control:	

Site: *Part of Lot 18, Concession 1, SDS Oakville ON*

Database: CA

Certificate #:	4780-4TSSFE
Application Year:	01
Issue Date:	2/12/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Donato Homes Inc.
Client Address:	2398 Headon Road
Client City:	Burlington
Client Postal Code:	L7M 3Y3
Project Description:	Installation of storm and sanitary sewers on Street "A" and Old Upper Middle Road West at The Woods of Glen Abbey
Contaminants:	
Emission Control:	

Site: *UNION GAS LTD. BURNHAMTHORPE RD WEST AT MAIN GAS TRANSMISSION LINE FROM MILTON. PIPELINE/COMPRESSOR STATION OAKVILLE TOWN ON*

Database: SPL

Ref No:	159843	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	9/7/1998	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	PIPE/HOSE LEAK	**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:		**Nearest Watercourse:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	14403
Nature of Impact:	Air Pollution	**Site Lot:**	
Receiving Medium:	AIR	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	FD
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	

MOE Reported Dt:	9/7/1998	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNION GAS-ONGOING NATURALGAS LEAK TO ATM FROM MAINLINE,BACKHOE DAMAGE, FD.		
Contaminant Qty:			

Site:
lot 18 con 1 ON

Database:
WWIS

Well ID:	2806639	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/25/1987
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	018
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	ND S
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:	10152908	***Elevation:***	
DP2BR:	48	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/10/1986	***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:	931443679
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931443681
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 48
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931443680
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 48
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10701478
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930260019
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930260018
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	51
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	992806639
Pump Set At:	
Static Level:	27
Final Level After Pumping:	70
Recommended Pump Depth:	70
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	2
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934709427
Test Type:	
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934176213
Test Type:	
Test Duration:	15
Test Level:	49
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934450265
Test Type:	
Test Duration:	30
Test Level:	49
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934970398
Test Type:	
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933609984
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	2808555	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/14/1997
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4005
Casing Material:		***Form Version:***	1
Audit No:	181752	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
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:	10154812	***Elevation:***	
DP2BR:	18	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/29/1997	***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:	931452087
Layer:	6
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	97
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931452082
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452085
Layer: 4
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452086
Layer: 5
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 97
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452083
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:

Formation Top Depth: 12
Formation End Depth: 18
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452084
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2: 77
Other Materials: LOOSE
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 27
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10703382
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930263412
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930263413
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992808555
Pump Set At:

Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809497
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 234052
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518551
DP2BR: 46
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 1/5/2001
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932838881
Layer: 5
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 46
Formation End Depth: 80
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838877
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838878
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838879
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 84
Other Materials: SILTY
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 41
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838880
Layer: 4
Color: 7

General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 41
Formation End Depth: 46
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221257
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11067121
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264892
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264891
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809497
Pump Set At:
Static Level: 32

Final Level After Pumping: 68
Recommended Pump Depth: 70
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934458203
Test Type: Draw Down
Test Duration: 30
Test Level: 51
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934175812
Test Type: Draw Down
Test Duration: 15
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934978482
Test Type: Draw Down
Test Duration: 60
Test Level: 68
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934716703
Test Type: Draw Down
Test Duration: 45
Test Level: 62
Test Level UOM: ft

Water Details

Water ID: 934010628
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809498
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Water Supply
Water Type:

Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1660

Casing Material:		***Form Version:***	1
Audit No:	234053	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
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:	10518552	***Elevation:***	
DP2BR:	48	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/10/2001	***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:	932838887
Layer:	6
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	48
Formation End Depth:	80
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932838883
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Other Materials:	SANDY
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	28
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 932838885
Layer: 4
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 33
Formation End Depth: 42
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838886
Layer: 5
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 42
Formation End Depth: 48
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838884
Layer: 3
Color: 2
General Color: GREY
Mat1: 29
Most Common Material: FINE GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 28
Formation End Depth: 33
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838882
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Other Materials: LOOSE
Mat3:
Other Materials:

Formation Top Depth: 0
Formation End Depth: 19
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221258
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11067122
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264894
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264893
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809498
Pump Set At:
Static Level: 27
Final Level After Pumping: 65
Recommended Pump Depth: 70
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934175813
Test Type: Draw Down
Test Duration: 15
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934458204
Test Type: Draw Down
Test Duration: 30
Test Level: 48
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934716704
Test Type: Draw Down
Test Duration: 45
Test Level: 57
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934978483
Test Type: Draw Down
Test Duration: 60
Test Level: 65
Test Level UOM: ft

Water Details

Water ID: 934010629
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 68
Water Found Depth UOM: ft

Site:
lot 19 con 2 OAKVILLE ON

Database: ***WWIS***

Well ID: 7135928
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z01649
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src:
Date Received: 12/14/2009
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7140
Form Version: 3
Owner:
Street Name: 353 BURNHAMTHORPE RD. WEST
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot: 019

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

Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1002876656
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/19/2009
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1002876825
Layer: 2
Plug From: 7.4
Plug To: 7.95
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876826
Layer: 3
Plug From: 7.95
Plug To: 8.15
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876824
Layer: 1
Plug From: 0
Plug To: 7.4
Plug Depth UOM: m

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1002876821

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002876828
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002876829
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 1002876823
Diameter: 76
Depth From: 0
Depth To: 8.15
Hole Depth UOM: m
Hole Diameter UOM: cm

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 2809820
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259726
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098123
DP2BR:
Elevation:
Elevrc:

Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11101838
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809819
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259727
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098122
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Elevrc Desc:
Location Source Date:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

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

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11101837
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809818
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259728
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098121
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11101836
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809817
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259729
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098120
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11101835

Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 2809816
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259730
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
Street Name:
County: HALTON
Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098119
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11101834
Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 2809815
Data Entry Status:

Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***Date Received:***	11/10/2003
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	7215
Casing Material:		***Form Version:***	2
Audit No:	257909	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS S
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:	11098118	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/18/2003	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	11101833
Casing No:	1
Comment:	
Alt Name:	

Site: ***Database:*** ***WWIS***

con 1 ON

Well ID:	2809579	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/22/2002
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3349
Casing Material:		***Form Version:***	1
Audit No:	228758	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON

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

Municipality: OAKVILLE TOWN
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10525254
DP2BR:
Spatial Status:
Code OB: x
Code OB Desc: Unknown type in the lower layers(s)
Open Hole:
Cluster Kind:
Date Completed: 5/22/2002
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932862503
Layer: 2
Color: 2
General Color: GREY
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 46
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932862502
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933226412
Layer: 1
Plug From: 1
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 11073824
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264967
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264966
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992809579
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID:	934017948
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	2809506	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234056	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	DS S
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:	10518560	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/21/2001	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	11067130
Casing No:	1
Comment:	
Alt Name:	

Site:
con 2 ON

Database:
WWIS

Well ID:	2809505	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	12/14/2001
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	
Water Type:		***Contractor:***	1660
Casing Material:		***Form Version:***	1
Audit No:	234055	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	HALTON
Elevation (m):		***Municipality:***	OAKVILLE TOWN
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	02
Overburden/Bedrock:		***Concession Name:***	DS S
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:	10518559	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/21/2001	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	11067129
Casing No:	1
Comment:	
Alt Name:	

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jan 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 2017

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-Jan 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 - Feb 2020

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-Dec 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Apr 30, 2020

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 2019

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Apr 30, 2020

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Apr 30, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Apr 30, 2020

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jan 31, 2020

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, 2019

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Apr 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Jan 31, 2020

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

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: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 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, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2020

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 29, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Apr 30, 2020

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988 - Apr 2020

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Apr 30, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2020

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-Jan 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

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-Nov 2019

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

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: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Apr 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

AME-Materials Engineering
10 Perdue Court, Units 2 & 3, Caledon, Ontario, L7C 3M6
Phone (905) 840-5914 Fax (905) 840-7859

APPENDIX E:

2021 Aerial Photograph

Phase One Environmental Site Assessment Update
G.C. Family Investments Inc. Property
210 Burnhamthorpe Road West
Town of Oakville, Ontario

LEGEND

Phase One Property

AME
Materials Engineering
10 Perdue Court Unit 2 & 3,
Caledon, Ontario L7C 3M6

Tel: (905) 840 5914
Fax: (905) 840 7859

2021 Aerial Photograph

210 Burnhamthorpe Road West
G.C. Family Investments Inc. Property
Town of Oakville, Ontario

Project Nos.:	30291.125
Scale:	Refer to Plan
Date:	December 19, 2022
Appendix E	Drawing No. 1

AME-Materials Engineering
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APPENDIX F:

General Considerations and Limitations

Phase One Environmental Site Assessment Update
G.C. Family Investments Inc. Property
210 Burnhamthorpe Road West
Town of Oakville, Ontario

GENERAL CONSIDERATIONS AND LIMITATIONS

The information presented in this report is based on the historical data obtained from readily available public records, information provided by others and direct visual observation made by personnel with AME as identified herein. This assessment did not include such tasks as intrusive investigations, sample gathering or laboratory testing. Recommendations contained within our report reflect our informed opinion based on the information obtained during our investigation. The findings cannot be extended to portions of the site that were not reviewed or that were concealed or unavailable for direct observation at the time of our visit.

This report describes the conditions present on the property, and is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for significant environmental conditions to exist on the property.

The conclusions and recommendations detailed in this report are based upon the information available at the time of preparation of the report. No investigative method eliminates the possibility of obtaining imprecise or incomplete information. Professional judgment was exercised in gathering and analyzing the information obtained and in the formulation of our conclusions and recommendations.

AME does not certify or warrant the environmental status of the property.

This report was prepared by **AME** for the exclusive use of the client and may not be used in whole or in part by any third party unless the client, in writing, requests that information be provided to a third party or unless disclosure by **AME** is required by law. Any use by a third party, of reports or documents authored by **AME**, or any reliance by a third party, or decisions made by a third party, on the findings described in reports or documents authored by **AME**, is the sole responsibility of such third parties. **AME** accepts no responsibility for damages suffered by any third party as a result of decisions made or work carried out based on reports or documents authored by **AME**.

Please note that the passage of time affects the information provided in this report. Environmental conditions of a site can change. Opinions relating to the site conditions are based upon information that existed at the time that the conclusions were formulated.