



Phase I Environmental Site Assessment

127 & 131 Ardagh Road, Barrie, Ontario

Submitted to:

Fitchal Incorporated (c/o Merdod Zopyrus)
61 Sherwood Glen
Holland Landing, Ontario L9N 1R3

Submitted by:

GEI Consultants Canada Ltd.
75 Tiverton Court, Unit 100
Markham, Ontario L3R 4M8
www.canada.geiconsultants.com

June 28, 2024
Project 2403866

Issues and Revisions Registry

Identification	Date	Description of Issued and/or Revision
First Submission	June 28, 2024	Draft Phase I ESA
Second Submission	June 28, 2024	Final Phase I ESA

Table of Contents

Executive Summary	iv
1. Introduction	1
1.1 Site Information	1
2. Scope of Investigation	2
3. Records Review	3
3.1 General	3
3.1.1 Phase I Study Area Determination	3
3.1.2 Fire Insurance Plans	3
3.2 Chain of Title	3
3.3 Environmental Reports	3
3.4 Environmental Source Information	3
3.4.1 Federal and Provincial Database Search	3
3.4.1.1 Waste Disposal Sites	4
3.4.1.2 Boreholes (1875 to July 2018)	4
3.4.1.3 Certificates of Approval (1985 to October 2011)	4
3.4.1.4 Ontario Regulation 347 Waste Generator Summary (1986 to October 2022)	4
3.4.1.5 Dry Cleaning Facilities (January 2004 to December 2022)	4
3.4.1.6 National Pollutant Release Inventory (1993 to May 2017; Up to September 2020)	4
3.4.1.7 Fuel Oil Spills and Leaks (Up to October 2023) and TSSA Historic Incidents (2006 to June 2009)	4
3.4.1.8 Pesticide Register (October 2011 to February 2024)	4
3.4.1.9 Fuel Storage Tanks	4
3.4.1.10 Ontario Spills (1988 to January 2023; March 2023 to December 2023)	5
3.4.1.11 Scott's Manufacturing Directory (1992 to March 2011)	5
3.4.1.12 PCB Inventory	5
3.4.1.13 Water Well Information System (Up to March 2023)	5
3.4.2 Municipal City Directories	6
3.4.3 Ontario Ministry of Environment, Conservation and Parks Records	6
3.4.3.1 Ministry of Environment, Conservation and Parks	6
3.4.3.2 Ministry of Environment, Conservation and Parks - Databases	6
3.4.4 Technical Standards and Safety Authority (TSSA)	7
3.5 Physical Setting Sources	7
3.5.1 Aerial Photographs	7
3.5.2 Topography, Hydrology and Geology	8
3.5.3 Water Bodies and Areas of Natural Significance	9
3.5.4 Well Records	9
3.5.4.1 Water Wells	9
3.5.4.2 Oil, Gas, and Salt Wells	10



3.5.5	Record of Site Condition	10
3.6	Site Operating Records	10
4.	Interviews	11
5.	Site Reconnaissance	12
5.1	General Requirements	12
5.2	Specific Observations at Phase I ESA Property	12
5.2.1	Site Description and Buildings	12
5.2.2	Heating and Cooling System	12
5.2.3	Site Utilities and Services	12
5.2.4	Site Production and Manufacturing	13
5.2.5	Mechanical Equipment	13
5.2.6	Drains, Pits and Sumps	13
5.2.7	Storage Tanks	13
	5.2.7.1 Underground Storage Tanks (UST)	13
	5.2.7.2 Aboveground Storage Tanks (AST)	13
5.2.8	Water Wells	13
5.2.9	Watercourse, Ditches or Standing Water	13
5.2.10	Site Housekeeping	13
5.2.11	Chemical Storage/Handling and Floor Condition	14
5.2.12	Areas of Stained Soil, Pavement or Stressed Vegetation	14
5.2.13	Fill and Debris	14
5.2.14	Air Emissions	14
5.2.15	Hazardous Building Materials and Designated Substances	14
	5.2.15.1 Polychlorinated Biphenyls (PCBs)	14
	5.2.15.2 Asbestos Containing Materials (ACMs)	15
	5.2.15.3 Ozone Depleting Substances (ODSs)	15
	5.2.15.4 Lead	15
	5.2.15.5 Urea Formaldehyde Foam Insulation (UFFI)	15
	5.2.15.6 Mercury	16
	5.2.15.7 Mould	16
	5.2.15.8 Radon	16
	5.2.15.9 Other Substances	16
5.3	Adjacent and Surrounding Properties	17
5.4	Written Description of Investigation	17
6.	Conclusions	18
7.	Recommendations	19
7.1	Closure	19
8.	References	20



Tables

Table 1 – Site Environmental Setting Data

Figures

Figure 1 – Site Location Plan

Figure 2 – Phase I Study Area and Sources of Potential Environmental Concern

Appendices

- A. Limitation of Liability, Scope of Report, and Third-Party Reliance
- B. Qualification of Assessors
- C. Ecolog ERIS Report
- D. City Directories
- E. Other Government Records
- F. Aerial Photographs/Fire Insurance Plans
- G. Site Photographs



Executive Summary

GEI Consultants Canada Ltd. (GEI) was retained by Fitchal Incorporated (c/o Merdod Zopyrus) (the Client), to complete a Phase I Environmental Site Assessment (ESA) at the property located at 127 and 131 Ardagh Road, Barrie, Ontario (Site). It is GEI's understanding that the Phase I ESA is required for due diligence purposes and that a Record of Site Condition (RSC) is not required at this time.

A Phase I ESA is a systematic qualitative process to assess the environmental condition of a site based on its current and historical uses. This Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) Standard Z768-01 (R2022), and in accordance with generally accepted professional practice. Subject to this standard of care, GEI makes no express or implied warranties regarding its services, and no third-party beneficiaries are intended.

The Site is located south of Ardagh Road and west of Patterson Road in Barrie, Ontario, as shown on Figure 1. The Site measures approximately 4,310 m² (0.43 hectares) in size and consists of two (2) residential parcels (127 and 131 Ardagh Road). The Site is currently occupied by two (2) single family dwellings (Site building), with a total combined building footprint of 305 m², which occupies approximately 7% of the Site. The remainder of the Site consists of back and front yards, and two (2) paved driveways/footpaths extending to the dwellings from the northern boundary of the Site.

Based on the Phase I ESA findings, no potential sources of environmental concern were identified for the Site and the properties within the Phase I Study Area. Therefore, no further environmental investigation is needed (i.e., a Phase II ESA) to assess the soil and groundwater conditions at the Site.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.



1. Introduction

GEI was retained by the Client, to complete a Phase I ESA at the property located at 127 & 131 Ardagh Road, Barrie, Ontario (Site). It is GEI's understanding that the Phase I ESA is required for due diligence purposes and that an RSC is not required at this time.

Phase I ESA is a systematic qualitative process to assess the environmental condition of a site based on its current and historical uses. This Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) Standard Z768-01 (R2022), and in accordance with generally accepted professional practice. Subject to this standard of care, GEI makes no express or implied warranties regarding its services, and no third-party beneficiaries are intended (see Appendix A).

It should be noted that the objective of this review was to identify any sources of potential environmental concern associated with the Site.

1.1 Site Information

The Site is located south of Ardagh Road and west of Patterson Road in Barrie, Ontario, as shown on Figure 1. The Site measures approximately 4,310 m² (0.43 hectares) in size and consists of two (2) residential parcels (127 and 131 Ardagh Road). The Site is currently occupied by two (2) single family dwellings (Site building), with a total combined building footprint of 305 m², which occupies approximately 7% of the Site. The remainder of the Site consists of back and front yards, and two (2) paved driveways/footpaths extending to the dwellings from the northern boundary of the Site.

The Site is bounded to the west, east and south by residential properties, and to the north by Ardagh Road followed by residential properties. A Site Plan is shown on Figure 2.

Table 1-1: Site Information

Municipal Address	127 and 131 Ardagh Road, Barrie, Ontario
Size	4,310 m ² (0.43 hectares)
Approximate Universal Transverse Mercator (UTM) coordinates	Zone: 17 127 Ardagh Road Easting: 603097.83 Northing: 603097.83 131 Ardagh Road Easting: 603076.42 Northing: 4912291.66 (1 m, NAD83, ArcGIS)



2. Scope of Investigation

The scope of work for the Phase I ESA consisted of the following activities:

- a) Reviewing the historical occupancy of the Site through the use of available archives and relevant municipal and business directories, Fire Insurance Plans (FIPs), topographical maps, and aerial photographs;
- b) Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- c) Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site and surrounding properties;
- d) Reviewing available geological maps, well records and utility maps for the vicinity of the Site;
- e) Reviewing available reports previously completed at the Site;
- f) Conducting interviews with designated representative(s) as a resource for current and historical information, as well as to provide GEI staff with unrestricted access to all areas of the Site;
- g) Conducting a reconnaissance of the Site in order to identify any land use practices that may have impacted the environmental condition of the Site;
- h) Conducting a reconnaissance of the surrounding properties from the Site and publicly accessible areas in order to identify any land use practices that may have impacted the environmental condition of the Site; and,
- i) Preparing a report to document the findings.

In completing the scope of work, GEI did not conduct any intrusive activities including, but not limited to, sampling, analyses or monitoring of materials. In addition, general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of this investigation.

GEI personnel who conducted assessment work for this project included Mr. Samuel Hippard, B.A., and Mr. Fernando Contento, P.Geo, QP_{ESA}. An outline of their qualifications is provided in Appendix B.



3. Records Review

3.1 General

3.1.1 Phase I Study Area Determination

The Site is located south of Ardagh Road and west of Patterson Road in Barrie, Ontario. The Site location plan is shown on Figure 1. For the purposes of this assignment, the Phase I Study Area consisted of the subject property and neighbouring properties within a 100 m radius. The surrounding properties within the Phase I Study Area predominantly consisted of residential land uses. The Site Plan is shown on Figure 2. A tributary to Lake Simcoe is located approximately 290 m northwest of the Site and Lake Simcoe is located approximately 2.6 km northeast of the Site. The inferred groundwater flow direction is likely to the northeast towards Lake Simcoe.

Based on the review of historical aerial photographs, maps, and other records, the Site was first developed for residential purposes between 1954 and 1978.

3.1.2 Fire Insurance Plans

GEI contracted Opta Information Intelligence (Opta) to perform a search for FIPs, Property Underwriters Reports and Property Underwriters Plans within the Phase I Study Area. Based on the search, no FIPs were found for the Site and the Phase I Study Area. The information obtained from Opta is included in Appendix F.

3.2 Chain of Title

Based on the historical information available from other sources and correspondence with Site personnel, the chain of title was not required for the Site.

3.3 Environmental Reports

At the time of completing this Phase I ESA, no environmental reports were available for review.

3.4 Environmental Source Information

3.4.1 Federal and Provincial Database Search

ERIS conducted a search of provincial, federal and private environmental databases for records pertaining to the Site and surrounding properties. The properties included in the search radius were only those within 100 m of the Site. GEI has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the ERIS report is provided in Appendix C. A summary of the significant findings is provided below.



3.4.1.1 Waste Disposal Sites

The ERIS search included the following waste disposal sites databases:

- Anderson's Waste Disposal Sites (1860 to present);
- Waste Disposal Sites – MOE CA Inventory (October 2011 to February 2024); and,
- Waste Disposal Sites MOE 1991 Historical Approval Inventory (Up to October 1990).

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.2 Boreholes (1875 to July 2018)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.3 Certificates of Approval (1985 to October 2011)

No records were identified for the Site. The following records were identified for the properties within the Phase I Study Area:

- a) The intersection of Ardagh Road and Patterson Road, approximately 60 m northeast, occupied by the City of Barrie, had a certificate of approval for municipal sewage and water works in 1991 and 2002. Based on the description of the record, no potential environmental concerns were identified.

3.4.1.4 Ontario Regulation 347 Waste Generator Summary (1986 to October 2022)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.5 Dry Cleaning Facilities (January 2004 to December 2022)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.6 National Pollutant Release Inventory (1993 to May 2017; Up to September 2020)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.7 Fuel Oil Spills and Leaks (Up to October 2023) and TSSA Historic Incidents (2006 to June 2009)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.8 Pesticide Register (October 2011 to February 2024)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.9 Fuel Storage Tanks

The ERIS search included a search of the following databases:



- Fuel Storage Tank (Up to October 2023);
- Historic Fuel Storage Tank (Pre-January 2010);
- List of Expired Fuels Safety Facilities (Up to October 2023);
- Delisted fuel Tanks (Up to October 2023);
- Federal Identification Registry for Storage Tank Systems (Up to October 2021);
- Private and Retail Fuel Storage Tanks (1989 to 1996);
- Retail Fuel Storage Tanks (1999 to October 2023);
- Commercial Fuel Oil Tanks (Up to October 2023);
- Anderson's Storage Tanks (1915 to 1953);

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.10 Ontario Spills (1988 to January 2023; March 2023 to December 2023)

No records were identified for the Site. The following record was identified for the properties within the Phase I Study Area:

- a) The intersection of Ardagh Road and Patterson Road, approximately 60 m northeast, had a spill of 10-L motor oil. As the spill was intercepted by catch basins, no potential environmental concerns were identified.

3.4.1.11 Scott's Manufacturing Directory (1992 to March 2011)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.12 PCB Inventory

The ERIS search included a search of the following databases.

- a) National PCB Inventory (1988 to 2008)
- b) Inventory of PCB Storage Sites (1987 to Oct 2004; 2012 to Dec 2013)
- c) Ontario Regulation 347 Waste Receivers Summary (1986 to 1990; 1992 to 2021)

No records were identified for the Site or the properties within the Phase I Study Area.

3.4.1.13 Water Well Information System (Up to March 2023)

No records were identified for the Site. Five (5) records were identified within the Phase I Study Area. The wells were installed between 1958 and 2006 for domestic water supply purposes. The water supply wells were completed to a maximum depth of 18.3 m bgs. Based on the well records, the general soil stratigraphy in the vicinity of the Site consisted of topsoil underlain by sand and clay, with occasional cobbles and rocks.



3.4.2 Municipal City Directories

A search for Barrie City Directories was completed by ERIS in order to identify the occupancy history of the Site and properties within the Phase I Study Area for potential environmental concerns. Based on the review of the directories dated 1961, 1966, 1969, 1974, 1978, 1982, 1989, 1994/95, 1998/99, 2012, 2017, and 2021, are included in Appendix D, the following significant findings were identified:

- a) The Site at 127 Ardagh Road first appeared in 1978 and was occupied by G Sharpe from 1978 to 1982 and by P Bain from 1989 to 1999. No potential environmental concerns were identified.
- b) The Site at 131 Ardagh Road first appeared in 1978 and was occupied by J Emery in 1978, V Alasi from 1978 to 1982 and by R Kennedy from 1989 to 1999. No potential environmental concerns were identified.
- c) The property located at 135 Ardagh Road, west adjacent, was occupied by Ardagh Woodworking in 1978. Based on the aerial photograph from 1978, the operation is within a residential property. As the scale of operation is not considered significant, no potential environmental concerns were identified.
- d) The property located at 220 Patterson Road, approximately 40 m south, was occupied by The Dock Guy from 2017 to 2021. Based on the aerial photographs, the operation has been within a residential property during the period. As the scale of operation is not considered significant, no potential environmental concerns were identified .

3.4.3 Ontario Ministry of Environment, Conservation and Parks Records

3.4.3.1 Ministry of Environment, Conservation and Parks

The MECP was contacted through the Freedom of Information and Protection of Privacy Act (FOI) for copies of available records pertaining to the Site on June 13, 2024.

A written response from some of the regulatory agencies such as the MECP typically requires several weeks to months. A written response from the MECP is pending at the time of this Phase I ESA. The acknowledgement is included in Appendix E.

3.4.3.2 Ministry of Environment, Conservation and Parks - Databases

The ERIS report included a summary of MECP databases. The databases include the following: MECP Environmental Bill of Rights (EBR), MECP Environmental Compliance Approval (ECA), MECP Brownfields Environmental Site Registry (BESR), MECP Environmental Activity and Sector Registry (EASR) and MECP Waste Disposal Sites. The following records were identified for the Site and for the properties within the Phase I Study Area:

- a) The intersection of Ardagh Road and Patterson Road, approximately 60 m northeast, occupied by the City of Barrie, obtained an ECA for municipal and private sewage and water works in 2002 and 2003. Based on the description of the approval, no potential environmental concerns were identified.



3.4.4 Technical Standards and Safety Authority (TSSA)

A request was made to the TSSA by email on June 6, 2024 for information regarding fuel storage at the Site and adjacent properties.

An email response from the TSSA was received on June 6, 2024 and is included in Appendix E. Based on the search results, no records were identified for the Site or adjacent properties.

3.5 Physical Setting Sources

3.5.1 Aerial Photographs

Aerial photographs were obtained in order to review the development and land use history of the Site, as well as the land in the immediate vicinity of the Site. The aerial photograph dated 1946 and 2023 were obtained from ERIS and the aerial photographs dated 1954, 1978, 1989, 1997, 2008, and 2018 were obtained from the Simcoe County Interactive Map. The aerial photographs were collected based on availability from the archives at intervals to best capture the changes at the Site. GEI notes that at the time of this Phase I ESA, the 1946 aerial photograph was the earliest available photograph for the Site and Phase I Study Area.

The development and land use history of the Site and adjacent properties as depicted on the reviewed aerial photographs are summarized in Table 3-1. Copies of the aerial photographs are included in Appendix F.

Table 3-1: Aerial Photograph Observations

Aerial Photograph Year	Observations
1946	a) The Site appears to be vacant and undeveloped. b) Ardagh Road appears to have been developed as a roadway. c) The Phase I Study Area appears to be mostly agricultural or other uses.
1954	a) No significant changes to the Site have been made compared to 1946 aerial photography. b) Patterson Road appears to have been partially developed north of the intersection with Ardagh Road.
1978	a) The Site appears to have been developed with residential dwellings. b) Crawford Street appears to have been developed. c) Patterson Road, south of the intersection of Ardagh Road, appears to have been developed. d) Residential dwellings appear to have been developed along Ardagh Road and Patterson Road, south and north adjacent.
1989	a) No significant changes were identified for the Site compared to the 1978 aerial photograph. b) Elizabeth Street appears to have been developed. c) Florence Park Road appears to have been developed. d) Mayfair Drive appears to have been partially developed east of the



Aerial Photograph Year	Observations
	intersection with Patterson Road. e) Residential dwellings have appeared to have been developed along Crawford Street, Elizabeth Street, Florence Park, and Mayfair Drive.
1997	a) No significant changes were identified for the Site compared to the 1989 aerial photograph. b) Dove Crescent appears to have been developed. c) Moon Drive appears to have been developed.
2008	a) No significant changes were identified for the Site and the properties within the Phase I Study Area compared to the 1997 aerial photograph. b) Residential dwellings appear to have been developed along Patterson Road, north of the intersection with Ardagh Road. c) Residential dwellings appear to have been developed along Snowshoe Trail and Dove Crescent.
2018	a) No significant changes were identified for the Site and the properties within the Phase I Study Area compared to the 2008 aerial photograph. b) Residential dwellings appear to have been developed along Patterson Road, north of the intersection with Ardagh Road. c) A residential dwelling along Ardagh Road appears to have been demolished, west of the Site.
2023	a) No significant changes for the Site and the properties within the Phase I Study Area compared to the 2018 aerial photograph. b) Multiple residential dwellings along Ardagh Road appear to have been demolished, west of the Site.

Based on a review of the aerial photographs, the Site was developed with two (2) residential dwellings between 1954 and 1978, prior to which, the Site was vacant and undeveloped. The dwellings were most likely developed on native materials; therefore, no potential environmental impacts were identified.

3.5.2 Topography, Hydrology and Geology

The following physiographic, geological and soil maps were reviewed on June 6, 2024:

- Atlas of Canada – Toporama Topographic Map (Toporama);
- Ontario Base Map (OBM);
- Ontario Ministry of Energy, Northern Development and Mines website, Bedrock Geology of Ontario, 2011 – MRD 126; and Paleozoic Geology of Southern Ontario, 2007 – MRD 219 (KML format);
- Ontario Ministry of Energy, Northern Development and Mines website, Surficial Geology of Southern Ontario, 2010. (KML format);



- Ontario Ministry of Energy, Northern Development and Mines website, Physiography of Southern Ontario 2007 (KML format);

Based on the review of the above maps, the following information was obtained:

- a) The Site is at an elevation of approximately 267 m asl, generally at the same elevation as properties to the east. The surrounding properties located to the north and west are generally at lower elevations than the Site, and the surrounding properties to the south are generally at higher in elevations than the Site.
- b) No water bodies are located on the Site. A tributary to Lake Simcoe is located approximately 290 m northwest of the Site and Lake Simcoe is located approximately 2.6 km northeast of the Site. The inferred groundwater flow direction is likely northeast towards Lake Simcoe.
- c) The bedrock in the general area of the Site consists of limestone, dolostone, shale, arkose and sandstone and is part of the Ottawa Group, Simcoe Group and Shadow Lake Formation.
- d) The surficial geology of the Site is described as coarse-textured glaciolacustrine deposits consisting mainly of sand, gravel, minor silt and clay, foreshore and basinal deposits in the southwestern corner of the Site, and ice-contact stratified deposits consisting mainly of sand and gravel, minor silt, clay and till for the majority of the Site.
- e) The Site is characterized as till plains (drumlinized) within the physiographic region of Peterborough Drumlin Field.

3.5.3 Water Bodies and Areas of Natural Significance

No water bodies are located on the Site. A tributary to Lake Simcoe is located approximately 290 m northwest of the Site and Lake Simcoe is located approximately 2.6 km northeast of the Site. The inferred groundwater flow direction is likely northeast towards Lake Simcoe.

Based on the review of available resources from the County of Simcoe and the Ministry of Natural Resources and Forestry on June 6, 2024, no areas of natural significance were identified at the Site or within the Phase I Study Area.

3.5.4 Well Records

3.5.4.1 Water Wells

The MECP maintains a database (published from 1955 to present) of water wells drilled in Ontario in accordance with Ontario Regulation 903. The Ontario Well Record website was accessed on May 7, 2024, to identify if any wells exist on the Site or within the Phase I Study Area. Based on the search, no records were identified for the Site. Five (5) records were identified within the Phase I Study Area. The wells were installed between 1958 and 2006 for domestic water supply and monitoring purposes to a maximum depth of 18.3 m bgs. Based on the well records, the general soil stratigraphy in the vicinity of the Site consisted of topsoil underlain by sand and clay.



3.5.4.2 Oil, Gas, and Salt Wells

A search of the Oil, Gas & Salt Resources Library (2024) website was completed to identify oil, gas and salt wells within the vicinity of the Site on June 12, 2024. The website indicated there were no oil, gas or salt wells located at the Site or within the Phase I Study Area.

3.5.5 Record of Site Condition

An RSC summarizes the environmental conditions of a property as determined by a qualified person (QP) by conducting a Phase One ESA, and where necessary, a Phase Two ESA, confirmatory sampling and a risk assessment. Upon completion of the necessary environmental Site assessments, an RSC for an assessed property can be filed with the MECP and added to the BESR database. This online, publicly available database can be searched to identify what properties may have potential environmental concern.

Based on the search of the MECP's BESR database completed by ERIS, no records were identified for the Site or the properties within Phase I Study Area.

3.6 Site Operating Records

In general, a request is usually made to the property representative for copies of any operating records pertaining to the environmental conditions at the Site. Records could include: regulatory permits; Material Safety Data Sheets (MSDS) for all chemicals that were handled on-Site; underground utility drawings; inventories of chemicals, chemical usage, and chemical storage areas; inventory of aboveground storage tanks (ASTs) and USTs; environmental monitoring data; correspondence pertaining to an order or request by the MECP or TSSA; waste management records; process, production, and maintenance documents; records of spills and records of discharges of chemicals; emergency response and contingency plans, including spill prevention and contingency plans; environmental audit reports; and site plans of the facility showing areas of production and manufacturing.

No Site operating records were available for review.

4. Interviews

An interview was conducted by GEI with the individual identified to be the most knowledgeable about both the current and historical Site uses. The interview was conducted by email in order to obtain information to assist in identifying details of potentially contaminating activities, potential contaminant pathways in, on, or below the Site, and sources of potential environmental concern. Any information provided during the interviews is presented alongside information from the Site reconnaissance in Section 5.

During this Phase I ESA, the following individual was interviewed:

- a) Mr. Merdod Zopyrus, Project Manager of Fitchal Incorporated, has knowledge of the Site since 1953.

Information obtained during the interview is provided below, in the relevant sections.



5. Site Reconnaissance

5.1 General Requirements

The Phase I ESA Site reconnaissance was conducted on February 28, 2024 between 9:00 am and 11:00 am by Ms. Saeedeh Yazdanmehr. On the day of the Site reconnaissance, the weather was cloudy (approximately 2°C).

The Site and the adjoining properties were observed from the Site and/or publicly accessible areas. Photographs documenting the Site visit are included in Appendix G.

5.2 Specific Observations at Phase I ESA Property

5.2.1 Site Description and Buildings

The Site is located south of Ardagh Road and west of Patterson Road in Barrie, Ontario, as shown on Figure 1. The Site measures approximately 4,310 m² (0.43 hectares) in size and consists of two (2) residential parcels (127 and 131 Ardagh Road). The Site is currently occupied by two (2) single family dwellings (Site building), with a total combined building footprint of 305 m², which occupies approximately 7% of the Site. The remainder of the Site consists of back and front yards, and two (2) paved driveways/footpaths extending to the dwellings from the northern boundary of the Site.

Based on the reconnaissance, the Site buildings were not occupied.

The characteristics of the Site building are summarized below:

Building Part	Material Description
Interior Wall	Drywall, wood, and brick
Floor	Wood, tile and concrete
Ceiling	Ceiling tiles and wood deck
Exterior Walls	Wood, plywood, concrete and stucco

5.2.2 Heating and Cooling System

The Site building located at 131 Ardagh Road is heated by a wood stove, located on the southwest wall on the first floor and a gas furnace, located in the basement of the northwest corner of the Site building, and is cooled by an outdoor air conditioning unit, located near the northwest corner of the Site building. The Site building located at 127 Ardagh Road is heated by a gas furnace, located in the basement of the southeast corner of the Site building.

5.2.3 Site Utilities and Services

The Site is located within a residential area and is fully serviced by municipal water, storm sewer, natural gas and hydro services. An overhead hydro line runs along Ardagh Road on the north Site boundary up.



5.2.4 Site Production and Manufacturing

No on-Site production or manufacturing processes were observed at the Site during the Site reconnaissance.

5.2.5 Mechanical Equipment

No mechanical equipment was observed at the Site during the Site reconnaissance.

5.2.6 Drains, Pits and Sumps

No drains, pits or sumps were observed at the Site during the Site reconnaissance.

5.2.7 Storage Tanks

5.2.7.1 Underground Storage Tanks (UST)

The presence/absence and condition (if present) of USTs at the Site was assessed during the site reconnaissance. GEI did not observe the presence of any active USTs (fill/vent pipes, access ports) at the time of the site reconnaissance. The Site representative had no knowledge of any USTs on Site.

5.2.7.2 Aboveground Storage Tanks (AST)

The presence/absence and condition (if present) of ASTs at the Site was assessed during the site reconnaissance. GEI did not observe the presence of any active ASTs at the time of the site reconnaissance. The Site representative had no knowledge of any ASTs on Site.

5.2.8 Water Wells

No other monitoring wells or potable wells were observed on Site or within the Phase I Study Area during the site reconnaissance.

5.2.9 Watercourse, Ditches or Standing Water

No water courses, ditches or standing water were observed on the Site or within the Phase I Study Area at the time of the Site reconnaissance.

5.2.10 Site Housekeeping

Debris and outdoor storage were observed around the Site building at 131 Ardagh Road during Site reconnaissance. Debris and outdoor storage were observed in the driveway and along southern wall off the Site building. The Site building at 131 Ardagh Road appeared to be poorly maintained. The interior of the residential dwelling appeared to be filled with debris and detritus and the basement showed evidence of water damage likely originating from a laundry machine



and leaking pipes. The southeastern exterior of the Site building at 131 Ardagh Road has been boarded up with plywood. The remainder of the Site appears to be well maintained.

The Site building at 127 Ardagh Road appeared to be well maintained. The attached shed on the south side of the residential dwelling appeared to show evidence of water leaks and water damage. The remainder of the Site appears to be well maintained.

5.2.11 Chemical Storage/Handling and Floor Condition

No chemicals were observed during the site reconnaissance.

5.2.12 Areas of Stained Soil, Pavement or Stressed Vegetation

No major staining was observed within the Site building. No signs of staining and stressed vegetation were observed in the landscaped areas of the Site.

5.2.13 Fill and Debris

Fill can be used to regrade a property and to backfill excavations, such as locations of former USTs. Based on the site reconnaissance, some fill material may have been imported to regrade the Site during its initial development. It may have had negative environmental impacts on the Site.

5.2.14 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. No sources of active air emissions were noted during the site reconnaissance.

5.2.15 Hazardous Building Materials and Designated Substances

5.2.15.1 Polychlorinated Biphenyls (PCBs)

The manufacture of PCBs in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. Potential equipment, which could contain PCBs, include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers.

No significant sources of PCBs were identified on-Site. An overhead transformer is present south of Ardagh Road within the Project Area, north adjacent to 135 Ardagh Road, approximately 25 m northwest of the Site. It appears to be in good condition, free of any cracks or staining; therefore, no potential environmental concerns were identified.

Based on the Site reconnaissance, no other significant sources of PCBs were expected to be present on the Site or Project Area at the time of the Site reconnaissance.



5.2.15.2 Asbestos Containing Materials (ACMs)

Asbestos-containing materials (ACMs) are fibrous hydrated silicates and can be found in building materials. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated. The common use of potential friable ACMs (pipe/boiler insulation and fireproofing) in construction was discontinued in the mid-1970s.

As the buildings on the Site were constructed between 1954 and 1978, there is potential for asbestos to be present in the Site building. A Designated Substances Survey is recommended prior to demolition.

5.2.15.3 Ozone Depleting Substances (ODSs)

Production of chlorofluorocarbons (CFCs) often referred to as Freons, ceased in Canada in 1993 as a result of their ozone-depleting characteristics. Importation of CFCs into Canada ceased in 1997 and a total ban on their use is proposed for 2020. The use of these materials is still permitted in existing equipment; however, equipment must be serviced by a licensed contractor to ensure that CFCs are contained and not released to the environment during servicing or operation.

Based on the records review and the Site reconnaissance, no significant sources of ODSs were present on the Site at the time of the Site reconnaissance.

5.2.15.4 Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinsplate and plumbing. The use of lead-based paints (LBPs) was phased out circa 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain high levels of lead. The main concern regarding LBP is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

As the buildings on the Site were constructed between 1954 and 1978, there is potential for lead to be present in the Site building. A Designated Substances Survey is recommended prior to demolition.

5.2.15.5 Urea Formaldehyde Foam Insulation (UFFI)

Urea formaldehyde foam insulation (UFFI) is an insulation material that was formerly sprayed into cavities in walls and ceilings. UFFI was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and “cure” into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. Most installations occurred between 1977 and the further use of UFFI was banned in Canada in the 1980s.



As the buildings on the Site were constructed between 1954 and 1978, there is potential for UFFI to be present in the Site building. A Designated Substances Survey is recommended prior to demolition.

5.2.15.6 Mercury

Mercury was used in some batteries, light bulbs, paints, thermostats, etc. Mercury compounds were eliminated from indoor latex paints in 1991 through a voluntary manufacturer withdrawal.

As the building on the Site were constructed between 1954 and 1978, there is potential for mercury to be present in the Site building. A Designated Substances Survey is recommended prior to demolition.

5.2.15.7 Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow it requires a food source (i.e., gypsum wallboard, carpets, wallpaper, wood, etc.) and moist conditions. Mould can have an impact on human health depending on the species and concentration of the mould. Health effects can include allergies and mucous membrane irritation.

No mould growth was observed in the visible areas of the Site building or at the Site during the site reconnaissance.

5.2.15.8 Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for maximum acceptable level of radon gas of 200 becquerels per cubic metre (Bq/m³). Where radon gas is present and the annual radon concentration exceeds 200 Bq/m³ in the normal occupancy area, Health Canada recommends taking the necessary actions to reduce radon levels.

Typically, radon is not a significant environmental concern in southern Ontario.

5.2.15.9 Other Substances

No special attention substances (such as acrylonitrile or isocyanates) were observed to be present at the Site during the site reconnaissance.



5.3 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and the properties within the Phase I Study Area was conducted from publicly accessible areas to identify the occupants with potential to contaminate the Site.

Location of Adjoining Properties	Property Use
North	Residential
East	Residential
South	Residential
West	Residential

Based on the Site reconnaissance, no potential environmental impacts were identified.

5.4 Written Description of Investigation

A reconnaissance of the Site was conducted by GEI to examine the exterior and interior of all on-Site building and structures, and to examine the exterior portions of the Site. Access was provided to the interior of the Site building. Mechanical equipment (including heating and cooling systems) was documented and characterized, as was any evidence of USTs and ASTs. The exterior portions of the Site were examined for evidence of utilities and related infrastructure; water wells; Site drainage and related infrastructure; stained areas; stressed vegetation; and, evidence of fill material.

The reconnaissance included an examination of all properties within the Phase I Study Area from public access ways to document and characterize potential environmental concerns, water bodies and areas of natural significance.

6. Conclusions

Based on the Phase I ESA findings, no potential sources of environmental concern were identified for the Site and the properties within the Phase I Study Area.



7. Recommendations

Based on the findings and conclusions of the Phase I ESA, no further environmental investigation is needed (i.e., a Phase II ESA) to assess the soil and groundwater conditions at the Site.

7.1 Closure

This Phase I ESA was conducted in general accordance with the CSA Standard Z768-01 (R2022), and in accordance with generally accepted professional practices. Subject to this standard of care, GEI makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Appendix A.

It should be noted that the Phase I ESA was conducted for due diligence purposes only. Should an RSC be required in the future, additional assessment and/or further investigations may be required to meet all regulatory and administrative requirements of the O.Reg.153/04 (as amended).

We trust this report is sufficient for your present purposes. Should you have any questions concerning the above, or can be of any further assistance, please do not hesitate to contact the undersigned.

Yours truly,

GEI Consultants

Prepared By:

Reviewed By:



Samuel Hippard, B.A.
Environmental Scientist Co-op
shippard@geiconsultants.com

Fernando Contento P.Geo., QP_{ESA}
Geoenvironmental and Contaminated Sites Practice Lead
fcontento@geiconsultants.com

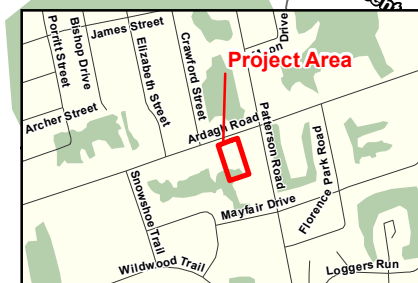
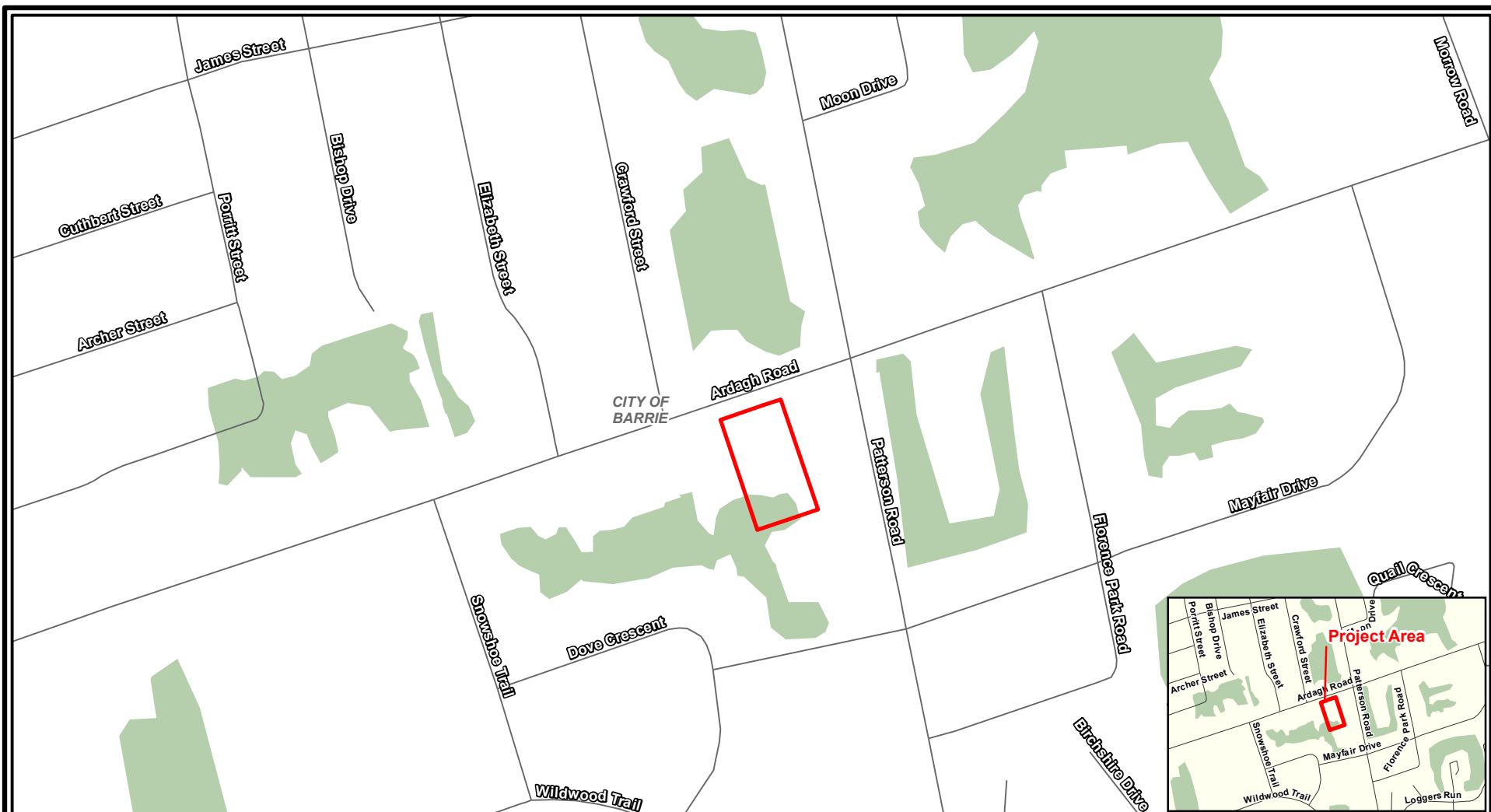
8. References

1. Ecolog ERIS Ltd. (2023) Database Report— 127 and 131 Ardagh Road, Barrie, ON. April 22, 2024.
2. Environmental Protection Act, Ontario Regulation 153/04, as amended, Records of Site Condition, January 1, 2014
3. Environmental Protection Act, Ontario Regulation 406/19, as amended, On-Site and Excess Soil Management, December 4, 2019
4. Natural Heritage Areas. (2014) Ontario Ministry of Natural Resources and Forestry. Accessed online at http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html?site=MNR_NHLUPS_NaturalHeritage&viewer=NaturalHeritage&locale=en-US
5. Occupational Health and Safety Act - Ministry of Labour (MOL)
6. Oil, Gas & Salt Resources Library (2024) Petroleum Well, Petroleum Pool, Seismic and Fault Map of Ontario [map interface]. Accessed online at: <http://maps.ogsrlibrary.com>.
7. Ontario Ministry of Environment, Conservation and Parks, Map: Well Records, 2024. Accessed online at <https://www.ontario.ca/environment-and-energy/map-well-records>
8. Ontario Ministry of Environment, Conservation and Parks, Source Protection Information Atlas, 2020. Accessed online at https://www.gisapplication.lrc.gov.on.ca/SourceWaterProtection/Index.html?viewer=SourceWaterProtection.SWPViewer&locale=en-US&fbclid=IwAR3tsEf9KR8jmRyFJVArgZlzMqhS2hk1mMye_QK8n7yF3xO6noYhVH6SrV4
9. Ontario Ministry of Energy, Northern Development and Mines website, Bedrock Geology of Ontario, 2011 – MRD 126; and Paleozoic Geology of Southern Ontario, 2007 – MRD 219 (KML format)
10. Ontario Ministry of Energy, Northern Development and Mines website, Physiography of Southern Ontario 2007
11. Ontario Ministry of Energy, Northern Development and Mines website, Surficial Geology of Southern Ontario, 2010. (KML format)
12. Ontario Ministry of the Environment (2011) Brownfields Environmental Site Registry. Accessed online at: <https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
13. Ontario Ministry of the Environment (2018) Records of Site Condition. Accessed online at: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search.
14. Topographic Map available at the Natural Resources Canada (NRC) website. Accessed online at <http://atlas.gc.ca/toporama/en/>



Figures





Legend

- Site Boundary
- Watercourse
- Highway
- Waterbody
- Road
- Wooded Area

NOTES:
 1. Coordinate System: NAD 1983 UTM Zone 17N.
 2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2024.

0 50 100
 1:4,500 m



Phase I ESA
 127-131 Ardagh Road, Barrie
 Ontario

Fitchal Incorporated (c/o Merdod
 Zopyrus)

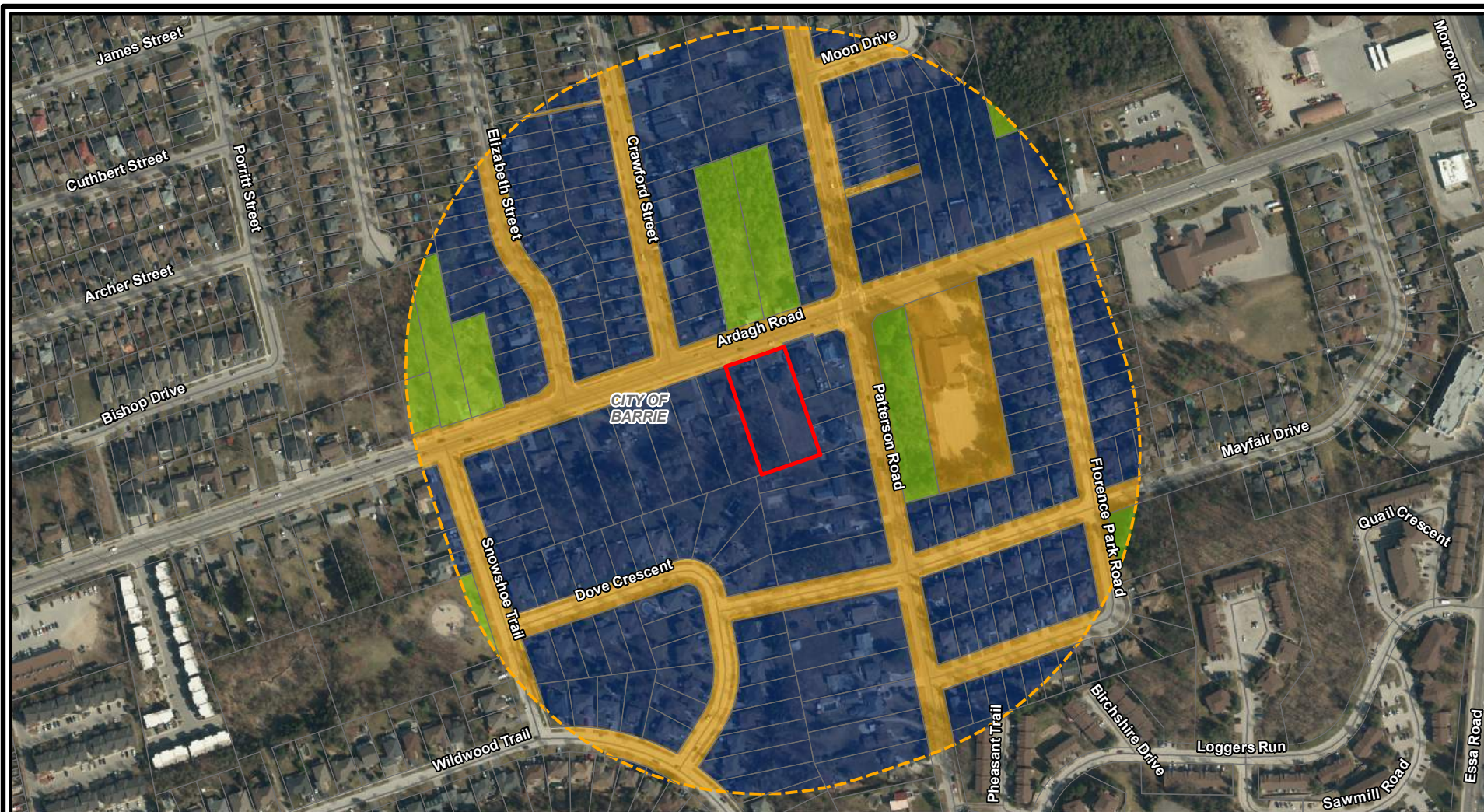


Project 2403866

SITE LOCATION PLAN

June 2024

Fig. 1



Legend

Site Boundary

— Road

Agricultural and Other Land Use

Community Land Use

Residential Land Use

*No potential environmental concerns were identified for the Site and properties within the Phase I Study Area.

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2024.

0 50 100
1:4,600 m



Phase I ESA
127-131 Ardagh Road, Barrie
Ontario

Fitchal Incorporated (c/o Merdod
Zopyrus)

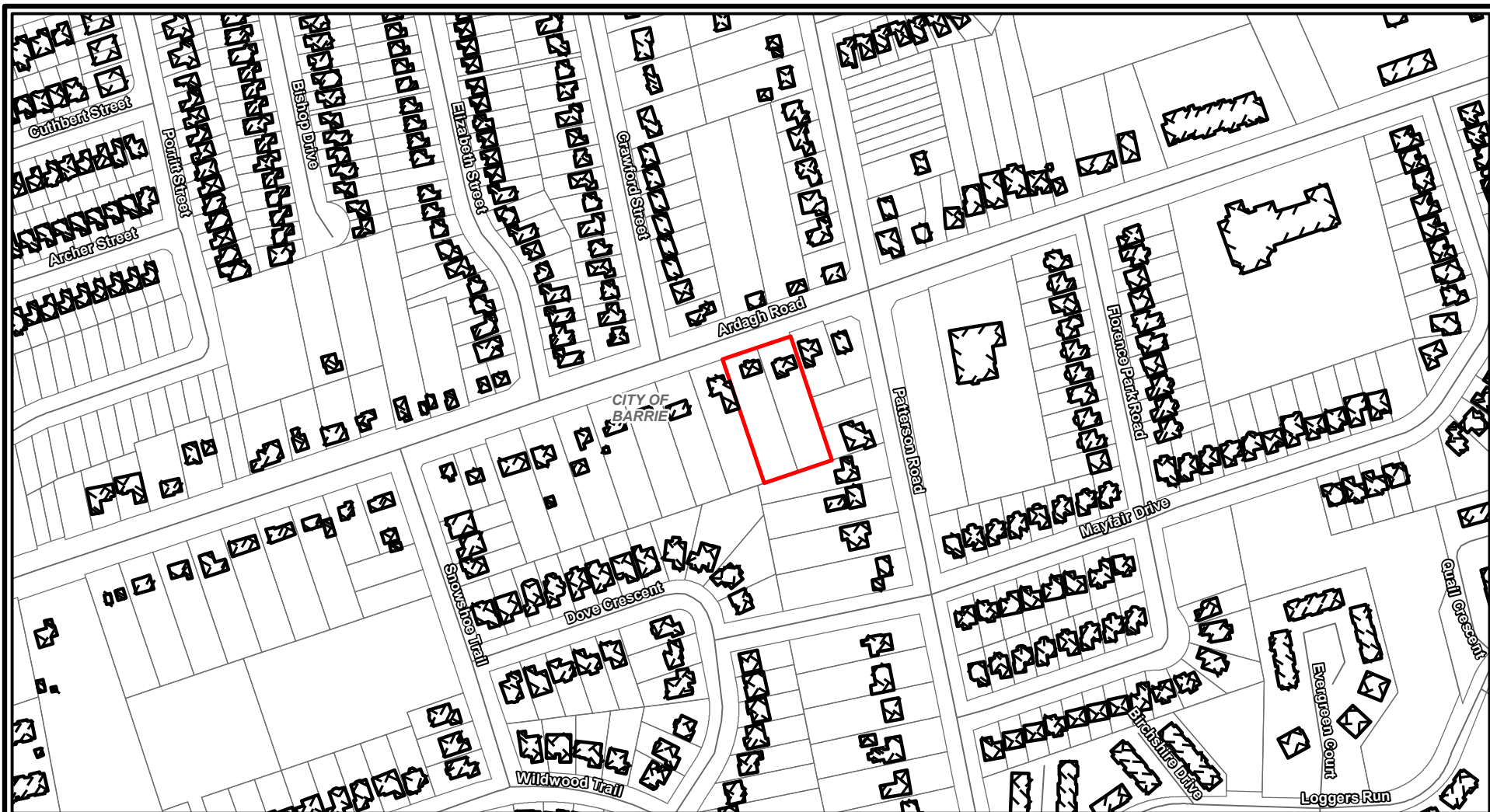


Project 2403866

SITE PLAN AND SOURCES
OF POTENTIAL
ENVIRONMENTAL CONCERN

June 2024

Fig. 2



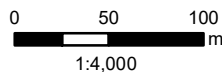
Legend

- Site Boundary
- Road
- Building Footprint

*No potential environmental concerns were identified at the Site.

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Base features produced under license with the Ontario Ministry of Natural Resources and Forestry © Queen's Printer for Ontario, 2024.



Phase I ESA
127-131 Ardagh Road, Barrie
Ontario

Fitchal Incorporated (c/o Merdod
Zopyrus)



Project 2403866

SITE LAYOUT PLAN & AREAS
OF POTENTIAL
ENVIRONMENTAL CONCERN
(APECs)

June 2024

Fig. 3

Tables



Table I

SITE ENVIRONMENTAL SETTING DATA		
127 and 131 Ardagh Road, Barrie, Ontario		
NATIVE SOIL AND BEDROCK		
Type	Coarse-textured glaciolacustrine deposits consisting mainly of sand, gravel, minor silt and clay, foreshore and basinal deposits in the southwestern corner of the Site, and ice-contact stratified deposits consisting mainly of sand and gravel, minor silt, clay and till for the majority of the Site.	
Hydraulic Conductivity	Unknown	
Percent Sand	Unknown	
Depth to Bedrock	Unknown	
Bedrock Type	Limestone, dolostone, shale, arkose and sandstone and is part of the Ottawa Group, Simcoe Group and Shadow Lake Formation.	
GROUND WATER		
Depth to Water Table	15 m bgs (MECP, 2024)	
Estimated or Measured	Estimated	
Direction of Flow	East	
Estimated or Measured	Estimated	
POTABLE WATER AND SEWERS		
Potable Water Source	Lake Simcoe and groundwater	
Municipal Water Source	Lake Simcoe and groundwater	
Distance to Nearest Municipal Water Well	None identified within Phase I Study Area	
Distance to Nearest Private Water Well	85 m, north	
Sanitary Sewage System	City of Barrie	
Storm Water System	City of Barrie	
SURFACE WATER		
Name of Nearest Water Body	Tributary to Lake Simcoe	Lake Simcoe
Distance from Site	290 m northwest	2.6 km east
Elevation Drop from Site	21 m	48 m
Direct Drainage from Site	No	No
GEI Consultants Canada Ltd.		2403866



Appendix A

Limitation of Liability, Scope of Report, and Third-Party Reliance



Limitation of Liability, Scope of Report, and Third Party Reliance

The information presented in this report is based on visual site inspection and review of available documents following the general guidance provided in the Canadian Standards Association (CSA) Standard Z768-01 (R2022). The objectives of the investigation and document review was to evaluate the current environmental conditions of the subject property. The observations, conclusions and recommendations presented in this report are based on the site conditions existing at the time of GEI's site visit and documents available at the time of the report.

This report was prepared for the exclusive use of Fitchal Incorporated. GEI's consent is required to reproduce this report in whole or in part. GEI is not responsible for any decision made or reliance by a third party makes of this report. GEI is not responsible for any damages, suffered by a third-party as result of the use of this report.

Appendix B

Qualification of Assessors



Qualifications of Accessors

Samuel Hippard, B.A., is an Environmental Scientist Co-op. Mr. Hippard has been trained to conduct Phase One/I and Phase Two/II ESAs in accordance with O. Reg. 153/04 and CSA Standard Z768-01, and On-Site and Excess Soil Management in accordance with O. Reg. 406/19. Mr. Hippard holds a bachelor's degree in Earth Science at California State University, Fullerton and is currently working to obtain a Master's degree in Environmental Science at the University of Toronto Scarborough. Mr. Hippard is a published author in the Journal of Paleolimnology and has contributed to research that has been published in the LA Times.

Fernando Contento, P.Geo, QP_{ESA}, is a Geoenvironmental and Contaminated Sites Practice Lead at GEI and a registered with the MECP as a QP. Mr. Contento has 8 years of experience in environmental, geotechnical, and hydrogeological consulting and engineering, with experience in contaminated sites remediation and environmental assessments. Mr. Contento has been a practice lead and provided detailed environmental consulting services on a wide variety of projects in Ontario, including environmental remediation, risk assessments, large commercial developments, and low and high-rise developments, excess soil management, and MECP O.Reg.153/04 environmental assessments including Record of Site Conditions.

Appendix C

Ecolog ERIS Report





DATABASE REPORT

Project Property:	<i>127 and 131 Ardagh Road, Barrie, Ontario 127 and 131 Ardagh Road Barrie ON L4N 3V5</i>
Project No:	<i>To be updated</i>
Report Type:	<i>RSC Report (Urban)</i>
Order No:	<i>24041700276</i>
Requested by:	<i>GEI Consultants Inc. (Canada)</i>
Date Completed:	<i>April 18, 2024</i>

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	12
Map.....	18
Aerial.....	19
Topographic Map.....	20
Detail Report.....	21
Unplottable Summary.....	112
Unplottable Report.....	114
Appendix: Database Descriptions.....	139
Definitions.....	149

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: 127 and 131 Ardagh Road, Barrie, Ontario
127 and 131 Ardagh Road Barrie ON L4N 3V5

Project No: To be updated

Order Information:

Order No: 24041700276
Date Requested: April 17, 2024
Requested by: GEI Consultants Inc. (Canada)
Report Type: RSC Report (Urban)

Historical/Products:

Aerial Photographs Aerials - National Collection
City Directory Search Smart CD Search
ERIS Xplorer [ERIS Xplorer](#)
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Topographic Map RSC Maps

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	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	5	5
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	6	6
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	1	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1
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
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	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
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	7	7
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	25	25

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
		Total:	0	50	50

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
------------	----	-------------------	---------	--------------	------------------	----------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 5 con 13 ON Well ID: 5707953	SE/56.6	6.55	21
2	CA	BARRIE CITY-LOTS 5&6, CONC. 13&14	PATTERSON RD./ARDAGH RD. BARRIE CITY ON	NE/66.2	-1.37	24
2	CA	P.U.C. BARRIE-LOTS 5&6, CONC. 13 & 14	PATTERSON RD./ARDAGH RD. BARRIE CITY ON	NE/66.2	-1.37	25
2	SPL		SE corner of Ardagh Rd & Patterson Rd. Barrie ON	NE/66.2	-1.37	25
3	WWIS		lot 5 con 14 ON Well ID: 5701719	NNW/87.9	-10.82	26
4	CA	Ardagh Road (Morrow Road to Patterson Road)	114 Ardagh Road to 76 Ardagh Road Barrie ON	NE/91.1	-4.08	29
4	CA	Ardagh Road (Morrow Road to Patterson Road)	114 Ardagh Road to 76 Ardagh Road Barrie ON	NE/91.1	-4.08	30
4	ECA	The Corporation of the City of Barrie	114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	NE/91.1	-4.08	30
4	ECA	The Corporation of the City of Barrie	114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	NE/91.1	-4.08	30
4	ECA	The Corporation of the City of Barrie	114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	NE/91.1	-4.08	30
5	WWIS		lot 5 con 13 ON Well ID: 5710466	W/95.1	-3.37	31
6	WWIS		110 ARDAGH RD BARRIE ON	NE/106.7	-3.54	33

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 5740791			
<u>7</u>	WWIS		lot 5 con 14 ON Well ID: 5701695	WNW/107.3	-13.12	<u>35</u>
<u>8</u>	WWIS		lot 5 con 13 ON Well ID: 5701523	W/131.5	-5.06	<u>39</u>
<u>9</u>	CA	VALENTINE DEVELOPMENTS LTD. C/O 664564 O	ELIZABETH STREET ARDAGH RD. BARRIE CITY ON	W/132.5	-7.69	<u>41</u>
<u>10</u>	WWIS		lot 5 con 13 ON Well ID: 5701519	S/141.4	16.72	<u>41</u>
<u>11</u>	WWIS		lot 5 con 13 ON Well ID: 5709561	SSE/148.4	16.63	<u>44</u>
<u>12</u>	WWIS		lot 5 con 13 ON Well ID: 5714024	W/156.8	-2.68	<u>48</u>
<u>13</u>	SPL	The Corporation of the City of Barrie	187 Patterson Road, Barrie Barrie ON	NNE/156.9	-12.17	<u>51</u>
<u>14</u>	EHS		179 Patterson Road Barrie ON L4N	NNE/171.0	-12.17	<u>52</u>
<u>15</u>	SPL	The Corporation of the City of Barrie	97 Ardagh Rd Barrie ON	ENE/177.7	-1.43	<u>52</u>
<u>16</u>	WWIS		lot 5 con 14 ON Well ID: 5701717	NW/179.2	-16.37	<u>53</u>
<u>17</u>	WWIS		157 Ardagh Road lot 5 con 13 Barrie ON Well ID: 7399767	W/182.2	-2.91	<u>57</u>
<u>18</u>	WWIS		lot 5 con 13 ON Well ID: 5701520	SSE/182.4	20.46	<u>60</u>
<u>19</u>	WWIS		157 Ardagh Road lot 5 con 13 Barrie ON	W/188.8	-2.91	<u>63</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7399783			
20	WWIS		157 Ardagh Road lot 5 con 13 Barrie ON Well ID: 7399722	W/191.0	-2.91	66
21	WWIS		lot 5 con 13 ON Well ID: 5701524	SSE/195.4	20.38	70
22	WWIS		lot 5 con 14 ON Well ID: 5705572	N/213.8	-20.06	73
23	WWIS		lot 5 con 13 ON Well ID: 5701521	SSE/223.1	24.73	76
24	WWIS		lot 5 con 14 ON Well ID: 5701715	W/238.9	-12.68	77
25	WWIS		lot 5 con 14 ON Well ID: 5714479	NW/244.3	-21.37	80
25	WWIS		lot 5 con 14 ON Well ID: 5718446	NW/244.3	-21.37	84
26	WWIS		lot 5 con 13 ON Well ID: 5718804	SSE/253.1	26.63	89
27	WWIS		lot 5 con 14 ON Well ID: 5701713	W/269.8	-12.71	92
28	WWIS		lot 6 con 12 ON Well ID: 5721021	SSE/279.3	29.46	95
29	WWIS		lot 5 con 13 ON Well ID: 5701525	SSE/286.0	28.86	98
30	EHS		84 AND 76 Ardagh Road Barrie ON L4N 9B7	ENE/288.6	-4.37	101
30	EHS		84 AND 76 Ardagh Road Barrie ON L4N 9B7	ENE/288.6	-4.37	102

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>30</u>	EHS		84 AND 76 Ardagh Road Barrie ON L4N 9B7	ENE/288.6	-4.37	<u>102</u>
<u>30</u>	EHS		84 AND 76 Ardagh Road Barrie ON L4N 9B7	ENE/288.6	-4.37	<u>102</u>
<u>31</u>	WWIS		lot 5 con 14 ON Well ID: 5716690	NNW/291.1	-24.12	<u>102</u>
<u>32</u>	EHS		76 Ardagh Rd Barrie ON L4N9B7	ENE/292.2	-4.37	<u>105</u>
<u>32</u>	INC		76 ARDAGH ROAD#202, BARRIE ON	ENE/292.2	-4.37	<u>105</u>
<u>33</u>	SPL	Enbridge Gas Distribution Inc.	172 Ardah Road Barrie ON	W/293.7	-6.37	<u>106</u>
<u>33</u>	PINC	ENBRIDGE GAS INC	172 ARDAGH RD,,BARRIE,ON,L4N 3V6, CA ON	W/293.7	-6.37	<u>107</u>
<u>34</u>	SPL		117 Bishop Drive Barrie ON	WNW/295.3	-17.81	<u>107</u>
<u>35</u>	PINC		79 Ardagh Road, Barrie ON	ENE/296.3	-0.74	<u>108</u>
<u>35</u>	SPL	Heritage Baptist Church<UNOFFICIAL>	79 Ardagh Rd Barrie ON	ENE/296.3	-0.74	<u>109</u>
<u>35</u>	GEN	Heritage Baptist Church	79 Ardagh Road Barrie ON L4N 9B6	ENE/296.3	-0.74	<u>109</u>
<u>36</u>	SPL	Private Residence of s21<UNOFFICIAL>	46 Mayfair Drive Barrie ON	E/298.0	5.63	<u>110</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
P.U.C. BARRIE-LOTS 5&6, CONC. 13 & 14	PATTERSON RD./ARDAGH RD. BARRIE CITY ON	66.2	<u>2</u>
BARRIE CITY-LOTS 5&6, CONC. 13&14	PATTERSON RD./ARDAGH RD. BARRIE CITY ON	66.2	<u>2</u>
Ardagh Road (Morrow Road to Patterson Road)	114 Ardagh Road to 76 Ardagh Road Barrie ON	91.1	<u>4</u>
Ardagh Road (Morrow Road to Patterson Road)	114 Ardagh Road to 76 Ardagh Road Barrie ON	91.1	<u>4</u>
VALENTINE DEVELOPMENTS LTD. C/O 664564 O	ELIZABETH STREET ARDAGH RD. BARRIE CITY ON	132.5	<u>9</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Feb 29, 2024 has found that there are 3 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the City of Barrie	114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	91.1	<u>4</u>
The Corporation of the City of Barrie	114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	91.1	<u>4</u>
The Corporation of the City of Barrie	114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	91.1	<u>4</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
-------------	----------------	---------------------	----------------

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 6 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	179 Patterson Road Barrie ON L4N	171.0	<u>14</u>
	84 AND 76 Ardagh Road Barrie ON L4N 9B7	288.6	<u>30</u>
	84 AND 76 Ardagh Road Barrie ON L4N 9B7	288.6	<u>30</u>
	84 AND 76 Ardagh Road Barrie ON L4N 9B7	288.6	<u>30</u>
	84 AND 76 Ardagh Road Barrie ON L4N 9B7	288.6	<u>30</u>
	76 Ardagh Rd Barrie ON L4N9B7	292.2	<u>32</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 1 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Heritage Baptist Church	79 Ardagh Road Barrie ON L4N 9B6	296.3	<u>35</u>

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated 31 Oct, 2023 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	76 ARDAGH ROAD#202, BARRIE ON	292.2	<u>32</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	172 ARDAGH RD,,BARRIE,ON,L4N 3V6,CA ON	293.7	<u>33</u>
	79 Ardagh Road, Barrie ON	296.3	<u>35</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; Mar 2023-Dec 2023 has found that there are 7 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	SE corner of Ardagh Rd & Patterson Rd. Barrie ON	66.2	<u>2</u>
The Corporation of the City of Barrie	187 Patterson Road, Barrie Barrie ON	156.9	<u>13</u>
The Corporation of the City of Barrie	97 Ardagh Rd Barrie ON	177.7	<u>15</u>
Enbridge Gas Distribution Inc.	172 Ardagh Road Barrie ON	293.7	<u>33</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	117 Bishop Drive Barrie ON	295.3	<u>34</u>
Heritage Baptist Church<UNOFFICIAL>	79 Ardagh Rd Barrie ON	296.3	<u>35</u>
Private Residence of s21<UNOFFICIAL>	46 Mayfair Drive Barrie ON	298.0	<u>36</u>

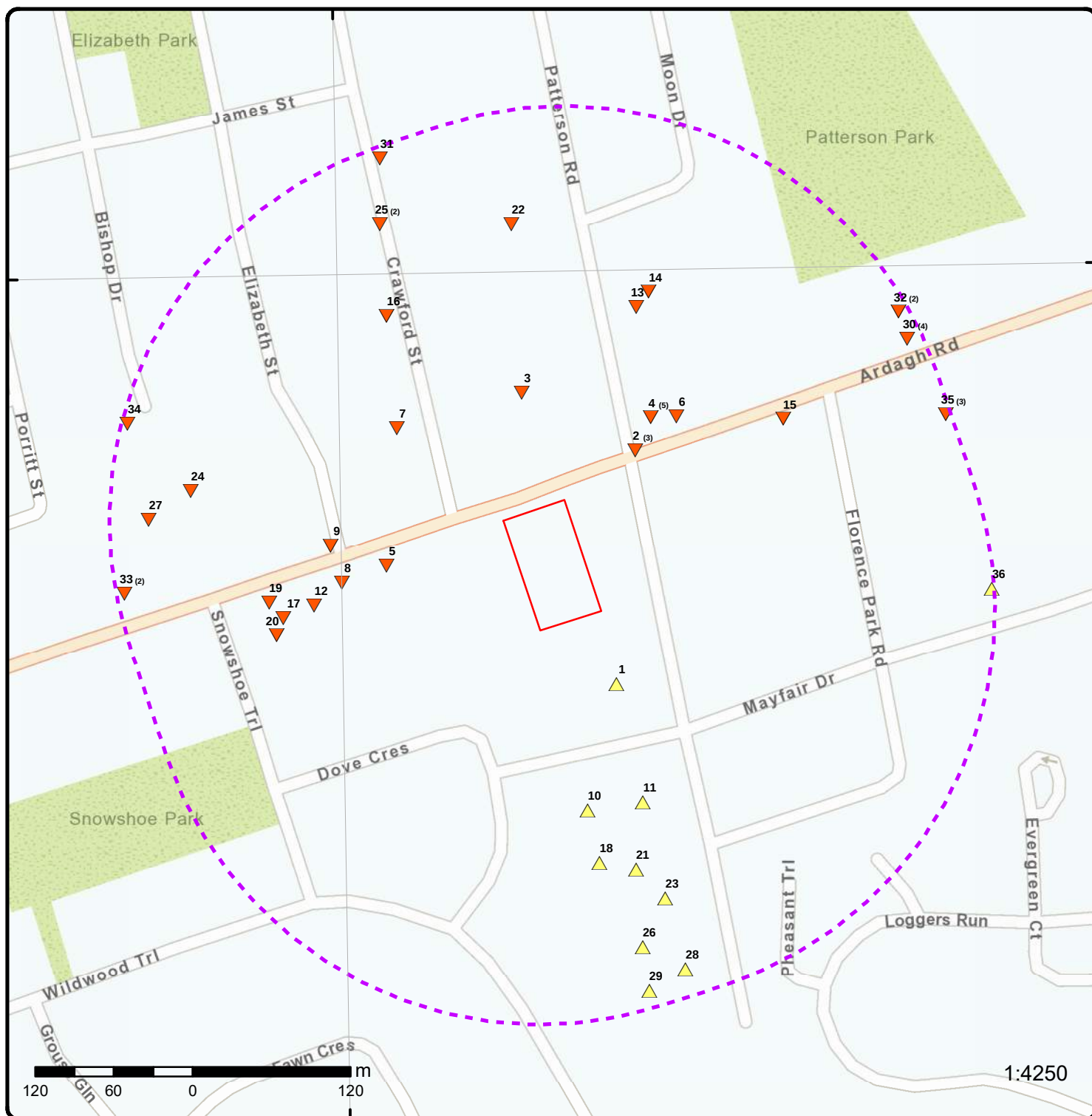
WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 25 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 5 con 13 ON <i>Well ID: 5707953</i>	56.6	<u>1</u>
	lot 5 con 14 ON <i>Well ID: 5701719</i>	87.9	<u>3</u>
	lot 5 con 13 ON <i>Well ID: 5710466</i>	95.1	<u>5</u>
	110 ARDAGH RD BARRIE ON <i>Well ID: 5740791</i>	106.7	<u>6</u>
	lot 5 con 14 ON <i>Well ID: 5701695</i>	107.3	<u>7</u>
	lot 5 con 13 ON <i>Well ID: 5701523</i>	131.5	<u>8</u>
	lot 5 con 13 ON	141.4	<u>10</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 5701519		
	lot 5 con 13 ON	148.4	<u>11</u>
	Well ID: 5709561		
	lot 5 con 13 ON	156.8	<u>12</u>
	Well ID: 5714024		
	lot 5 con 14 ON	179.2	<u>16</u>
	Well ID: 5701717		
	157 Ardagh Road lot 5 con 13 Barrie ON	182.2	<u>17</u>
	Well ID: 7399767		
	lot 5 con 13 ON	182.4	<u>18</u>
	Well ID: 5701520		
	157 Ardagh Road lot 5 con 13 Barrie ON	188.8	<u>19</u>
	Well ID: 7399783		
	157 Ardagh Road lot 5 con 13 Barrie ON	191.0	<u>20</u>
	Well ID: 7399722		
	lot 5 con 13 ON	195.4	<u>21</u>
	Well ID: 5701524		
	lot 5 con 14 ON	213.8	<u>22</u>
	Well ID: 5705572		
	lot 5 con 13 ON	223.1	<u>23</u>
	Well ID: 5701521		
	lot 5 con 14 ON	238.9	<u>24</u>
	Well ID: 5701715		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 5 con 14 ON <i>Well ID:</i> 5714479	244.3	<u>25</u>
	lot 5 con 14 ON <i>Well ID:</i> 5718446	244.3	<u>25</u>
	lot 5 con 13 ON <i>Well ID:</i> 5718804	253.1	<u>26</u>
	lot 5 con 14 ON <i>Well ID:</i> 5701713	269.8	<u>27</u>
	lot 6 con 12 ON <i>Well ID:</i> 5721021	279.3	<u>28</u>
	lot 5 con 13 ON <i>Well ID:</i> 5701525	286.0	<u>29</u>
	lot 5 con 14 ON <i>Well ID:</i> 5716690	291.1	<u>31</u>



Map: 0.3 Kilometer Radius

Order Number: 24041700276

Address: 127 and 131 Ardagh Road, Barrie, ON



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

79°42'W

44°21'N

44°21'N



Aerial Year: 2023

Order Number: 24041700276

Address: 127 and 131 Ardagh Road, Barrie, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

79°43'30"W

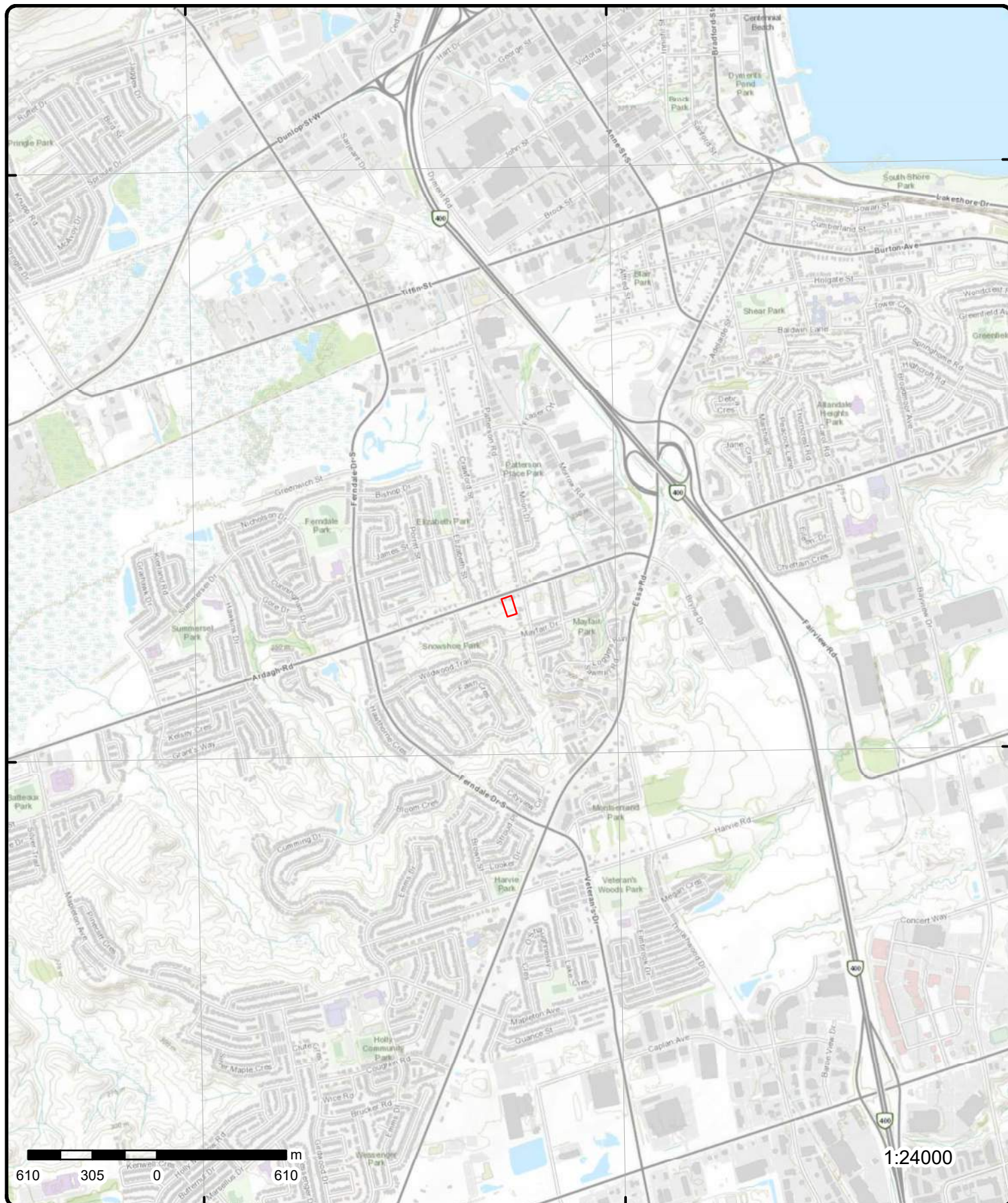
79°42'W

44°22'30"N

44°22'30"N

44°21'N

44°21'N



Topographic Map

Address: 127 and 131 Ardagh Road, ON

Source: ESRI World Topographic Map

Order Number: 24041700276



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SE/56.6	274.8 / 6.55	lot 5 con 13 ON	WWIS
Well ID: 5707953 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: INNISFIL TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 06/14/1971 Selected Flag: TRUE Abandonment Rec: Contractor: 1510 Form Version: 1 Owner: County: SIMCOE Lot: 005 Concession: 13 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5707953.pdf Well Completed Date: 04/15/1971 Year Completed: 1971 Depth (m): 18.288 Latitude: 44.3554983490908 Longitude: -79.705744677367 Path: 570\5707953.pdf Bore Hole ID: 10385790 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 04/15/1971 Remarks: Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: Elevrc: Zone: 17 East83: 603144.40 North83: 4912173.00 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932287914			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932287917			
Layer:		4			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		50.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932287915			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932287916			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965707953			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10934360			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930635067			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		56.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933366076			
Layer:		1			
Slot:		008			
Screen Top Depth:		56.0			
Screen End Depth:		60.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995707953			
Pump Set At:					
Static Level:		38.0			
Final Level After Pumping:		38.0			
Recommended Pump Depth:		56.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934563683				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	38.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935079772				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	38.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934296121				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	38.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934823215				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	38.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933867495				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	60.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10385790			Tag No:	
Depth M:	18.288			Contractor:	1510
Year Completed:	1971			Latitude:	44.3554983490908
Well Completed Dt:	04/15/1971			Longitude:	-79.705744677367
Audit No:				Y:	44.355498347677
Path:	570\5707953.pdf			X:	-79.7057445244509
2	1 of 3	NE/66.2	266.9 / -1.37	BARRIE CITY-LOTS 5&6, CONC. 13&14 PATTERSON RD./ARDAGH RD. BARRIE CITY ON	CA
Certificate #:	3-1402-91-				
Application Year:	91				
Issue Date:	9/20/1991				
Approval Type:	Municipal sewage				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		Approved			
<u>2</u>	2 of 3	NE/66.2	266.9 / -1.37	P.U.C. BARRIE-LOTS 5&6, CONC. 13 & 14 PATTERSON RD./ARDAGH RD. BARRIE CITY ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		7-1127-91- 91 9/18/1991 Municipal water Approved			
<u>2</u>	3 of 3	NE/66.2	266.9 / -1.37	SE corner of Ardagh Rd & Patterson Rd. Barrie ON	SPL
Ref No: Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Site No: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Site Address: Site Region: Site Municipality: Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Environment Impact: Nature of Impact: Contaminant Qty: System Facility Address: Client Name: Client Type: Source Type:		2311-B7K4C5 2018/12/17 2018/12/17 2019/01/05 NA No County of Simcoe Barrie MVA with operating fluids to road/cb<UNOFFICIAL> SE corner of Ardagh Rd & Patterson Rd. Central Barrie 4912346.26 603156.76 Collision/Accident	Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:	2 - Minor Environment	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code:		15			
Contaminant Name:		MOTOR OIL			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:		1993			
Receiving Medium:		Land			
Incident Reason:		Operator/Human Error			
Incident Summary:		City of Barrie: MVA with est. 10 L operating fluids to rd & CB.			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Unknown / N/A			
SAC Action Class:		Land Spills			
Call Report Locatn Geodata:					

<u>3</u>	1 of 1	NNW/87.9	257.4 / -10.82	lot 5 con 14 ON	WWIS
Well ID:	5701719			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/27/1967
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	14
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701719.pdf				

Additional Detail(s) (Map)

Well Completed Date: 08/11/1967
 Year Completed: 1967
 Depth (m): 14.6304
 Latitude: 44.3575067251673
 Longitude: -79.7066039446496
 Path: 570\5701719.pdf

Bore Hole Information

Bore Hole ID:	10379612	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	603072.40
Code OB Desc:		North83:	4912395.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	08/11/1967	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932262255			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		27.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932262258			
Layer:		5			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932262256			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		27.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932262254			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932262257			
Layer:		4			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965701719			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10928182			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627501			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		44.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933363480			
Layer:		1			
Slot:		010			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth: 44.0 Screen End Depth: 48.0 Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc: PUMP Pump Test ID: 995701719 Pump Set At: Static Level: 6.0 Final Level After Pumping: 40.0 Recommended Pump Depth: 40.0 Pumping Rate: 10.0 Flowing Rate: Recommended Pump Rate: 7.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 2 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933861077 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 44.0 Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10379612 Depth M: 14.6304 Year Completed: 1967 Well Completed Dt: 08/11/1967 Audit No: Path: 570\5701719.pdf Tag No: Contractor: 2514 Latitude: 44.3575067251673 Longitude: -79.7066039446496 Y: 44.35750672389691 X: -79.7066037922029					
4	1 of 5	NE/91.1	264.1 / -4.08	Ardagh Road (Morrow Road to Patterson Road) 114 Ardagh Road to 76 Ardagh Road Barrie ON	CA
Certificate #: 6806-5DWHHE Application Year: 02 Issue Date: 9/12/02 Approval Type: Municipal & Private sewage Status: Approved Application Type: New Certificate of Approval Client Name: The Corporation of the City of Barrie Client Address: 70 Collier Street Client City: Barrie Client Postal Code: L4M 4T5 Project Description: This application is for the construction of storm and sanitary sewers on Ardagh Road. Contaminants: Emission Control:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	2 of 5	NE/91.1	264.1 / -4.08	Ardagh Road (Morrow Road to Patterson Road) 114 Ardagh Road to 76 Ardagh Road Barrie ON	CA
Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:		5621-5DWHNY 02 9/12/02 Municipal & Private water Approved New Certificate of Approval The Corporation of the City of Barrie 70 Collier Street Barrie L4M 4T5 This application is for the construction of watermain on Ardagh Road.			
4	3 of 5	NE/91.1	264.1 / -4.08	The Corporation of the City of Barrie 114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		6806-5DWHHE 2002-09-12 Revoked and/or Replaced ECA IDS Lakes Simcoe and Couchiching/Black River ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS The Corporation of the City of Barrie 114 Ardagh Road to 76 Ardagh Road https://www.accessenvironment.ene.gov.on.ca/instruments/9701-5DUHN6-14.pdf			
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:		Barrie -79.684746 44.389927			
4	4 of 5	NE/91.1	264.1 / -4.08	The Corporation of the City of Barrie 114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:		9096-5MKNB4 2003-05-16 Approved ECA IDS Lakes Simcoe and Couchiching/Black River ECA-Municipal and Private Water Works Municipal and Private Water Works The Corporation of the City of Barrie 114 Ardagh Road to 76 Ardagh Road			
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:		Barrie -79.68474599999999 44.389927			
4	5 of 5	NE/91.1	264.1 / -4.08	The Corporation of the City of Barrie 114 Ardagh Road to 76 Ardagh Road Barrie ON L4M 4Z2	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No:	5621-5DWHNY			MOE District:	Barrie
Approval Date:	2002-09-12			City:	
Status:	Revoked and/or Replaced			Longitude:	-79.68474599999999
Record Type:	ECA			Latitude:	44.389927
Link Source:	IDS			Geometry X:	
SWP Area Name:	Lakes Simcoe and Couchiching/Black River			Geometry Y:	
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Business Name:	The Corporation of the City of Barrie				
Address:	114 Ardagh Road to 76 Ardagh Road				
Full Address:					
Full PDF Link:					
PDF Site Location:					

5	1 of 1	W/95.1	264.9 / -3.37	lot 5 con 13 ON	WWIS
Well ID:	5710466			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	12/27/1973
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4608
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5710466.pdf				

Additional Detail(s) (Map)

Well Completed Date: 06/06/1973
 Year Completed: 1973
 Depth (m): 6.096
 Latitude: 44.3563332655152
 Longitude: -79.7079222179826
 Path: 571\5710466.pdf

Bore Hole Information

Bore Hole ID:	10388282	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	602969.40
Code OB Desc:		North83:	4912263.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	06/06/1973	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932298367			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932298366			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965710466			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10936852			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930637906			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		20.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995710466			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:					
Recommended Pump Depth:		18.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933870315			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		15.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10388282			Tag No:	
Depth M:	6.096			Contractor:	4608
Year Completed:	1973			Latitude:	44.3563332655152
Well Completed Dt:	06/06/1973			Longitude:	-79.7079222179826
Audit No:				Y:	44.3563332651781
Path:	571\5710466.pdf			X:	-79.70792206597545

6	1 of 1	NE/106.7	264.7 / -3.54	110 ARDAGH RD BARRIE ON	WWIS
Well ID:	5740791			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	06/08/2006
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z15157			Contractor:	2513
Tag:	A015094			Form Version:	3
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:				Zone: UTM Reliability:	
		BARRIE CITY (INNISFIL)			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/574\5740791.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/03/2006			
Year Completed:		2006			
Depth (m):					
Latitude:		44.3573279961173			
Longitude:		-79.7051321929044			
Path:		574\5740791.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		11556848		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	603190.00
Code OB Desc:				North83:	4912377.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:		06/03/2006		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Loc Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933293329			
Layer:		4			
Plug From:		0.7599999904632568			
Plug To:		0.30000001192092896			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933293326			
Layer:		1			
Plug From:		4.260000228881836			
Plug To:		3.0399999618530273			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933293328			
Layer:		3			
Plug From:		2.740000009536743			
Plug To:		0.7599999904632568			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933293327			
Layer:		2			
Plug From:		3.0399999618530273			
Plug To:		2.740000009536743			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933293330			
Layer:		5			
Plug From:		0.30000001192092896			
Plug To:		0.15000000596046448			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965740791			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11566455			
Casing No:		1			
Comment:					
Alt Name:					
<u>Links</u>					
Bore Hole ID:	11556848			Tag No:	A015094
Depth M:				Contractor:	2513
Year Completed:	2006			Latitude:	44.3573279961173
Well Completed Dt:	06/03/2006			Longitude:	-79.7051321929044
Audit No:	Z15157			Y:	44.35732799485788
Path:	574\5740791.pdf			X:	-79.70513204054038
7	1 of 1	WNW/107.3	255.1 / -13.12	lot 5 con 14 ON	WWIS
Well ID:	5701695			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/14/1958
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	14
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701695.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		09/13/1958			
Year Completed:		1958			
Depth (m):		14.3256			
Latitude:		44.3572771984792			
Longitude:		-79.707801085158			
Path:		570\5701695.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379588		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602977.40
Code OB Desc:				North83:	4912368.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		09/13/1958		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932262121			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		29.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932262122			
Layer:		5			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		42.0			
Formation End Depth:		47.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262120			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21.0			
Formation End Depth:		29.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262119			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		21.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262118			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701695			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10928158			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627476			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		47.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701695			
Pump Set At:					
Static Level:					
Final Level After Pumping:		30.0			
Recommended Pump Depth:					
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		Yes			
<u>Water Details</u>					
Water ID:		933861054			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		47.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10379588		Tag No:	
Depth M:		14.3256		Contractor:	2514
Year Completed:		1958		Latitude:	44.3572771984792
Well Completed Dt:		09/13/1958		Longitude:	-79.707801085158
Audit No:				Y:	44.357277196933424
Path:		570\5701695.pdf		X:	-79.70780093260221

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	W/131.5	263.2 / -5.06	lot 5 con 13 ON	WWIS
Well ID:5701523 Construction Date: Use 1st:Domestic Use 2nd:0 Final Well Status:Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:INNISFIL TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:1 Date Received:06/21/1967 Selected Flag:TRUE Abandonment Rec: Contractor:4608 Form Version:1 Owner: County:SIMCOE Lot:005 Concession:13 Concession Name:CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701523.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/05/1967			
Year Completed:		1967			
Depth (m):		5.4864			
Latitude:		44.3562210817287			
Longitude:		-79.7083513188542			
Path:		570\5701523.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379416		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:17	
Code OB:				East83:602935.40	
Code OB Desc:				North83:4912250.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:5	
Date Completed:		05/05/1967		UTMRC Desc:margin of error : 100 m - 300 m	
Remarks:				Location Method:p5	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261409			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261408			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701523			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927986			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627280			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		18.0			
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701523			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:					
Recommended Pump Depth:		17.0			
Pumping Rate:		2.0			
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate: 2.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: Pumping Duration MIN: Flowing: No					
<u>Water Details</u>					
Water ID: 933860881 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 9.0 Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10379416 Depth M: 5.4864 Year Completed: 1967 Well Completed Dt: 05/05/1967 Audit No: Path: 570\5701523.pdf					
Tag No: Contractor: 4608 Latitude: 44.3562210817287 Longitude: -79.7083513188542 Y: 44.356221080912476 X: -79.70835116680504					
9	1 of 1	W/132.5	260.5 / -7.69	VALENTINE DEVELOPMENTS LTD. C/O 664564 O ELIZABETH STREET ARDAGH RD. BARRIE CITY ON	CA
Certificate #: 7-0758-86- Application Year: 86 Issue Date: 1/16/1987 Approval Type: Municipal water Status: Underwent 1st revision in 1987 Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
10	1 of 1	S/141.4	284.9 / 16.72	lot 5 con 13 ON	WWIS
Well ID: 5701519 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 12/18/1961 Selected Flag: TRUE Abandonment Rec: Contractor: 1510 Form Version: 1 Owner: County: SIMCOE Lot: 005					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701519.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/06/1961			
Year Completed:		1961			
Depth (m):		30.48			
Latitude:		44.3546374141508			
Longitude:		-79.7060396805873			
Path:		570\5701519.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379412		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	603122.40
Code OB Desc:				North83:	4912077.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		11/06/1961		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261399			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261400			
Layer:		2			
Color:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		65.0			
Formation End Depth:		92.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261401			
Layer:		3			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		92.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965701519			
Method Construction Code:		8			
Method Construction:		Jetting			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10927982			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930627276			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		94.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933363376			
Layer:		1			
Slot:		010			
Screen Top Depth:		94.0			
Screen End Depth:		100.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc: PUMP Pump Test ID: 995701519 Pump Set At: Static Level: 70.0 Final Level After Pumping: Recommended Pump Depth: 93.0 Pumping Rate: 10.0 Flowing Rate: Recommended Pump Rate: 5.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 2 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933860878 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 94.0 Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10379412 Depth M: 30.48 Year Completed: 1961 Well Completed Dt: 11/06/1961 Audit No: Path: 570\5701519.pdf					
Tag No: Contractor: 1510 Latitude: 44.3546374141508 Longitude: -79.7060396805873 Y: 44.35463741283704 X: -79.70603952848055					

11	1 of 1	SSE/148.4	284.9 / 16.63	lot 5 con 13 ON	WWIS
Well ID: 5709561 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 02/16/1973 Selected Flag: TRUE Abandonment Rec: Contractor: 3203 Form Version: 1 Owner: County: SIMCOE Lot: 005 Concession: 13 Concession Name: CON Easting NAD83: Northing NAD83:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:				Zone: UTM Reliability:	
		INNISFIL TOWNSHIP			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5709561.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/30/1972			
Year Completed:		1972			
Depth (m):		29.8704			
Latitude:		44.3546854473801			
Longitude:		-79.7055116171349			
Path:		570\5709561.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10387381		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	603164.40
Code OB Desc:				North83:	4912083.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		11/30/1972		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932294655			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		56.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932294654			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		56.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932294652			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932294653			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965709561			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10935951			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930636877			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		95.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933366882			
Layer:		1			
Slot:		010			
Screen Top Depth:		95.0			
Screen End Depth:		98.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		4.0			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995709561			
Pump Set At:					
Static Level:		58.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		85.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934568262			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935084757			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934827363			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934301810			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933869366			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		98.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933869365			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		56.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10387381			Tag No:	
Depth M:	29.8704			Contractor:	3203
Year Completed:	1972			Latitude:	44.3546854473801
Well Completed Dt:	11/30/1972			Longitude:	-79.7055116171349
Audit No:				Y:	44.35468544604452
Path:	570\5709561.pdf			X:	-79.70551146478536
12	1 of 1	W/156.8	265.5 / -2.68	lot 5 con 13 ON	WWIS
Well ID:	5714024			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/22/1977
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliability:				Lot:	005
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5714024.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/13/1976			
Year Completed:		1976			
Depth (m):		17.6784			
Latitude:		44.3560710497514			
Longitude:		-79.7086181245021			
Path:		571\5714024.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10391757			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602914.40
Code OB Desc:				North83:	4912233.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/13/1976			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932314010				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Mat2 Desc:	SILT				
Mat3:	13				
Mat3 Desc:	BOULDERS				
Formation Top Depth:	0.0				
Formation End Depth:	58.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932314011				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	29				
Most Common Material:	FINE GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	58.0				
Formation End Depth:	58.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965714024				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10940327				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930641943				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	58.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	BAILER				
Pump Test ID:	995714024				
Pump Set At:					
Static Level:	11.0				
Final Level After Pumping:	45.0				
Recommended Pump Depth:	22.0				
Pumping Rate:	10.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934831378				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	11.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934297186				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	11.0				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934572631			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935088367			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		11.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933873871			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		58.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10391757			Tag No:	
Depth M:	17.6784			Contractor:	2514
Year Completed:	1976			Latitude:	44.3560710497514
Well Completed Dt:	10/13/1976			Longitude:	-79.7086181245021
Audit No:				Y:	44.356071048719215
Path:	571\5714024.pdf			X:	-79.70861797266105
13	1 of 1	NNE/156.9	256.1 / -12.17	The Corporation of the City of Barrie 187 Patterson Road, Barrie Barrie ON	SPL
Ref No:	0020-BEB4LK			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	7/21/2019			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	7/21/2019			Health/Env Conseq:	2 - Minor Environment
Dt Document Closed:	9/25/2019			Agency Involved:	
Site No:	NA				
MOE Response:	No				
Site County/District:	County of Simcoe				
Site Geo Ref Meth:					
Site District Office:	Barrie				
Nearest Watercourse:					
Site Name:	187 Patterson Road, Barrie<UNOFFICIAL>				
Site Address:	187 Patterson Road, Barrie				
Site Region:	Central				
Site Municipality:	Barrie				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:	4912466.44				
Easting:	603175.21				
Incident Cause:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Event: Overflow/Surcharge Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: The Corporation of the City of Barrie Client Type: Municipal Government Source Type: Sewer (Private or Municipal) Contaminant Code: 44 Contaminant Name: SEWAGE,RAW CHLORINATED Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: n/a Receiving Medium: Land Incident Reason: Blockage Incident Summary: DWMD WW SPILLS: Manhole overland overflow, not ongoing Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Municipal Sewage SAC Action Class: Sewage Incident Report Flowchart Call Report Locatn Geodata:					
14	1 of 1	NNE/171.0	256.1 / -12.17	179 Patterson Road Barrie ON L4N	EHS
Order No: 20190806035 Status: C Report Type: Standard Report Report Date: 09-AUG-19 Date Received: 06-AUG-19 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -79.705378 Y: 44.358181					
15	1 of 1	ENE/177.7	266.8 / -1.43	The Corporation of the City of Barrie 97 Ardagh Rd Barrie ON	SPL
Ref No: 3564-ACMKQB Year: Incident Dt: 2016/08/08 Dt MOE Arvl on Scn: MOE Reported Dt: 2016/08/08 Dt Document Closed: 2016/08/12 Site No: NA MOE Response: No Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: lawn tractor fire<UNOFFICIAL> Site Address: 97 Ardagh Rd Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Event:		Fire/Explosion			
Environment Impact:					
Nature of Impact:					
Contaminant Qty:		5 L			
System Facility Address:					
Client Name:		The Corporation of the City of Barrie			
Client Type:					
Source Type:					
Contaminant Code:		27			
Contaminant Name:		FIRE SUPPRESSANT			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		Land			
Incident Reason:		Unknown / N/A			
Incident Summary:		Ardagh Rd: douse water and foam to ditch			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Miscellaneous Communal			
SAC Action Class:		Land Spills			
Call Report Locatn Geodata:					

16

1 of 1

NW/179.2

251.9 / -16.37

lot 5 con 14
ON

WWIS

Well ID:

5701717

Construction Date:

Use 1st:

Domestic

Use 2nd:

0

Final Well Status:

Water Supply

Water Type:

Casing Material:

Audit No:

Tag:

Constructn Method:

Elevation (m):

Elevatn Reliabilty:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Static Water Level:

Clear/Cloudy:

Municipality:

INNISFIL TOWNSHIP

Site Info:

Flowing (Y/N):

Flow Rate:

Data Entry Status:

Data Src:

1

Date Received:

08/29/1967

Selected Flag:

TRUE

Abandonment Rec:

Contractor:

2514

Form Version:

1

Owner:

County:

SIMCOE

Lot:

005

Concession:

14

Concession Name:

CON

Easting NAD83:

Northing NAD83:

Zone:

UTM Reliability:

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701717.pdf

Additional Detail(s) (Map)

Well Completed Date:

07/14/1967

Year Completed:

1967

Depth (m):

20.7264

Latitude:

44.3580433892765

Longitude:

-79.707884631256

Path:

570\5701717.pdf

Bore Hole Information

Bore Hole ID:

10379610

DP2BR:

Elevation:

Elevrc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:			Zone:	17	
Code OB:			East83:	602969.40	
Code OB Desc:			North83:	4912453.00	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed: 07/14/1967			UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Loc Method Desc:			Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932262246					
Layer: 6					
Color: 2					
General Color: GREY					
Mat1: 08					
Most Common Material: FINE SAND					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 49.0					
Formation End Depth: 67.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932262244					
Layer: 4					
Color: 3					
General Color: BLUE					
Mat1: 05					
Most Common Material: CLAY					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 14.0					
Formation End Depth: 27.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932262245					
Layer: 5					
Color: 3					
General Color: BLUE					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 08					
Mat2 Desc: FINE SAND					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 27.0					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		49.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262247			
Layer:		7			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		67.0			
Formation End Depth:		68.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262242			
Layer:		2			
Color:					
General Color:					
Mat1:		03			
Most Common Material:		MUCK			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262241			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262243			
Layer:		3			
Color:					
General Color:					
Mat1:		09			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		5.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701717			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10928180			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627499			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933363478			
Layer:		1			
Slot:		006			
Screen Top Depth:		64.0			
Screen End Depth:		67.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701717			
Pump Set At:					
Static Level:		34.0			
Final Level After Pumping:		66.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 3 Pumping Duration MIN: 0 Flowing: No					
Water Details					
Water ID: 933861075 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 63.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10379610 Depth M: 20.7264 Year Completed: 1967 Well Completed Dt: 07/14/1967 Audit No: Path: 570\5701717.pdf					
Tag No: Contractor: 2514 Latitude: 44.3580433892765 Longitude: -79.707884631256 Y: 44.35804338802008 X: -79.70788447852074					
17	1 of 1	W/182.2	265.3 / -2.91	157 Ardagh Road lot 5 con 13 Barrie ON	WWIS
Well ID: 7399767 Construction Date: Use 1st: Monitoring Use 2nd: Final Well Status: Observation Wells Water Type: Casing Material: Audit No: JCE4GDTR Tag: A337017 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: INNISFIL TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 10/04/2021 Selected Flag: TRUE Abandonment Rec: Contractor: 7190 Form Version: 9 Owner: County: SIMCOE Lot: 005 Concession: 13 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
Bore Hole Information					
Bore Hole ID: 1008809557 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 09/13/2021 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date:					
Elevation: Elevrc: Zone: 17 East83: 602891.00 North83: 4912223.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008809913			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008809914			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008810258			
Layer:		1			
Plug From:		0.0			
Plug To:		1.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008810259			
Layer:		2			
Plug From:		1.0			
Plug To:		13.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008810164			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008810260			
Layer:		3			
Plug From:		13.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008809746			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008809745			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008809676			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008809998			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-3.0			
Depth To:		1.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1008809997			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		-3.0			
Depth To:		15.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1008810066			
Layer:		1			
Slot:		010			
Screen Top Depth:		15.0			
Screen End Depth:		25.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008809677			
Pump Set At:					
Static Level:		15.0			
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:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1008809835			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		15.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1008810114			
Diameter:		8.5			
Depth From:		0.0			
Depth To:		25.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1008809557			Tag No:	A337017
Depth M:	7.62			Contractor:	7190
Year Completed:	2021			Latitude:	44.3559843620936
Well Completed Dt:	09/13/2021			Longitude:	-79.7089136529675
Audit No:	JCE4GDTR			Y:	44.3559843608571
Path:	739\7399767.pdf			X:	-79.70891350033655
18	1 of 1	SSE/182.4	288.7 / 20.46	lot 5 con 13 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5701520			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/18/1963
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1510
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701520.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	03/12/1963				
Year Completed:	1963				
Depth (m):	35.052				
Latitude:	44.3542761089823				
Longitude:	-79.7059347032332				
Path:	570\5701520.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10379413			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	603131.40
Code OB Desc:				North83:	4912037.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	03/12/1963			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932261402				
Layer:	1				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		115.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701520			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927983			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627277			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		111.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933363377			
Layer:		1			
Slot:		008			
Screen Top Depth:		111.0			
Screen End Depth:		115.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701520			
Pump Set At:					
Static Level:		90.0			
Final Level After Pumping:		100.0			
Recommended Pump Depth:		105.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Water Details</u>					
Water ID:		933860879			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10379413		Tag No:	
Depth M:		35.052		Contractor:	
Year Completed:		1963		Latitude:	
Well Completed Dt:		03/12/1963		Longitude:	
Audit No:				Y:	
Path:		570\5701520.pdf		X:	

19	1 of 1	W/188.8	265.3 / -2.91	157 Ardagh Road lot 5 con 13 Barrie ON	WWIS
Well ID:	7399783			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	10/04/2021
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	FU3CDAKB			Contractor:	7190
Tag:	A337115			Form Version:	9
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					

Bore Hole Information

Bore Hole ID:	1008809605	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	602880.00
Code OB Desc:		North83:	4912235.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	09/09/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008809954			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1008809955			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		5.0			
Formation End Depth:		24.5			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008810180			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008810306			
Layer:		1			
Plug From:		0.0			
Plug To:		17.5			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1008810307			
Layer:		2			
Plug From:		17.5			
Plug To:		24.5			
Plug Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1008809774				
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1008809775				
Method Construction Code:	E				
Method Construction:	Auger				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1008809708				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1008810029				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	-3.0				
Depth To:	19.5				
Casing Diameter:	2.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	1008810030				
Layer:	2				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:	-3.0				
Depth To:	1.0				
Casing Diameter:	4.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Screen</u>					
Screen ID:	1008810082				
Layer:	1				
Slot:	010				
Screen Top Depth:	19.5				
Screen End Depth:	24.5				
Screen Material:	5				
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:	2.375				
<u>Results of Well Yield Testing</u>					

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

Pumping Test Method Desc:

Pump Test ID: 1008809709
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:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1008810130
Diameter: 8.5
Depth From: 0.0
Depth To: 24.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID:	1008809605	Tag No:	A337115
Depth M:	7.4676	Contractor:	7190
Year Completed:	2021	Latitude:	44.3560939298867
Well Completed Dt:	09/09/2021	Longitude:	-79.7090492755327
Audit No:	FU3CDAKB	Y:	44.35609392886065
Path:	739\7399783.pdf	X:	-79.70904912343293

<u>20</u>	1 of 1	W/191.0	265.3 / -2.91	157 Ardagh Road lot 5 con 13 Barrie ON	WWIS
Well ID:	7399722	Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:	Monitoring	Data Entry Status:			
Use 2nd:		Data Src:			
Final Well Status:	Observation Wells	Date Received:	10/04/2021		
Water Type:		Selected Flag:	TRUE		
Casing Material:		Abandonment Rec:			
Audit No:	V67QXLI4	Contractor:	7190		
Tag:	A337011	Form Version:	9		
Constructn Method:		Owner:			
Elevation (m):		County:	SIMCOE		
Elevatn Reliabilty:		Lot:	005		
Depth to Bedrock:		Concession:	13		
Well Depth:		Concession Name:	CON		
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			
Municipality:	INNISFIL TOWNSHIP				
Site Info:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	1008808689			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602886.00
Code OB Desc:				North83:	4912210.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	09/13/2021			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008808999				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	1.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1008809000				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	1.0				
Formation End Depth:	25.0				
Formation End Depth UOM:	ft				
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:	1008809268				
Layer:	1				
Plug From:	0.0				
Plug To:	1.0				
Plug Depth UOM:	ft				
 <u>Annular Space/Abandonment</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Sealing Record</u>					
Plug ID:		1008809197			
Layer:		1			
Plug From:					
Plug To:					
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008809270			
Layer:		3			
Plug From:		13.0			
Plug To:		25.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1008809269			
Layer:		2			
Plug From:		1.0			
Plug To:		13.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008808863			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1008808864			
Method Construction Code:		E			
Method Construction:		Auger			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1008808803			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1008809058			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		-3.0			
Depth To:		15.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1008809059			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-3.0			
Depth To:		1.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1008809111			
Layer:		1			
Slot:		010			
Screen Top Depth:		15.0			
Screen End Depth:		25.0			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2.375			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1008808804			
Pump Set At:					
Static Level:		15.0			
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:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1008808913			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		15.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1008809155			
Diameter:		8.5			
Depth From:		0.0			
Depth To:		25.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Links</u>					
Bore Hole ID:	1008808689			Tag No:	A337011
Depth M:	7.62			Contractor:	7190
Year Completed:	2021			Latitude:	44.355868062619
Well Completed Dt:	09/13/2021			Longitude:	-79.7089789471032
Audit No:	V67QXLI4			Y:	44.3558680619399
Path:	739\7399722.pdf			X:	-79.70897879437283
21	1 of 1	SSE/195.4	288.6 / 20.38	lot 5 con 13 ON	WWIS
Well ID:	5701524			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/29/1967
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3203
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701524.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/25/1967				
Year Completed:	1967				
Depth (m):	36.576				
Latitude:	44.3542271252813				
Longitude:	-79.7055844465782				
Path:	570\5701524.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10379417			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	603159.40
Code OB Desc:				North83:	4912032.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	05/25/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261411			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261410			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261412			
Layer:		3			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		90.0			
Formation End Depth:		120.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701524			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10927987			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930627281			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		116.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933363378			
Layer:		1			
Slot:		012			
Screen Top Depth:		116.0			
Screen End Depth:		119.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701524			
Pump Set At:					
Static Level:		90.0			
Final Level After Pumping:		100.0			
Recommended Pump Depth:		110.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933860882			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10379417			Tag No:	
Depth M:	36.576			Contractor:	3203

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:	1967			Latitude:	44.3542271252813
Well Completed Dt:	05/25/1967			Longitude:	-79.7055844465782
Audit No:				Y:	44.35422712373546
Path:	570\5701524.pdf			X:	-79.70558429481784

22	1 of 1	N/213.8	248.2 / -20.06	lot 5 con 14 ON	WWIS
Well ID:	5705572			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/06/1969
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	14
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5705572.pdf				

Additional Detail(s) (Map)

Well Completed Date: 09/23/1968
 Year Completed: 1968
 Depth (m): 20.4216
 Latitude: 44.3586599443646
 Longitude: -79.7066789604993
 Path: 570\5705572.pdf

Bore Hole Information

Bore Hole ID: 10383454
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 09/23/1968
 Remarks:
 Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation:
 Elevrc:
 Zone: 17
 East83: 603064.40
 North83: 4912523.00
 Org CS:
 UTMRC:
 UTMRC Desc: margin of error : 30 m - 100 m
 Location Method: p4

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932278390			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932278389			
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932278391			
Layer:		3			
Color:		5			
General Color:		YELLOW			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		60.0			
Formation End Depth:		67.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965705572			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10932024			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930632363			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933365091			
Layer:		1			
Slot:		010			
Screen Top Depth:		64.0			
Screen End Depth:		67.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995705572			
Pump Set At:					
Static Level:		33.0			
Final Level After Pumping:		65.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933864900			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		64.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10383454		Tag No:		
Depth M:	20.4216		Contractor:	2514	
Year Completed:	1968		Latitude:	44.3586599443646	
Well Completed Dt:	09/23/1968		Longitude:	-79.7066789604993	
Audit No:			Y:	44.35865994294303	
Path:	570\5705572.pdf		X:	-79.70667880768632	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	SSE/223.1	293.0 / 24.73	lot 5 con 13 ON	WWIS
Well ID:		5701521		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Abandoned-Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	
Tag:				Form Version:	
Constructn Method:				Owner:	
Elevation (m):				County:	
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701521.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/27/1962			
Year Completed:		1962			
Depth (m):		27.432			
Latitude:		44.3540259827885			
Longitude:		-79.7053128271117			
Path:		570\5701521.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379414		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		04/27/1962		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261403			
Layer:		1			
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965701521			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10927984			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930627278			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		30.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10379414			Tag No:	
Depth M:	27.432			Contractor:	4102
Year Completed:	1962			Latitude:	44.3540259827885
Well Completed Dt:	04/27/1962			Longitude:	-79.7053128271117
Audit No:				Y:	44.35402598172121
Path:	570\5701521.pdf			X:	-79.70531267492437

24	1 of 1	W/238.9	255.5 / -12.68	lot 5 con 14 ON	WWIS
Well ID:	5701715			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/15/1966
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4715
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	14

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701715.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/12/1966			
Year Completed:		1966			
Depth (m):		11.5824			
Latitude:		44.3568674349043			
Longitude:		-79.7097801649251			
Path:		570\5701715.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379608		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		10/12/1966		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		margin of error : 100 m - 300 m	
Elevrc Desc:				p5	
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262235			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		0.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932262236			
Layer:		2			
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701715			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10928178			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627497			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		35.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933363476			
Layer:		1			
Slot:		010			
Screen Top Depth:		35.0			
Screen End Depth:		38.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701715			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		33.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933861073				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	36.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10379608			Tag No:	
Depth M:	11.5824			Contractor:	4715
Year Completed:	1966			Latitude:	44.3568674349043
Well Completed Dt:	10/12/1966			Longitude:	-79.7097801649251
Audit No:				Y:	44.35686743384321
Path:	570\5701715.pdf			X:	-79.70978001220503
25	1 of 2	NW/244.3	246.9 / -21.37	lot 5 con 14 ON	WWIS
Well ID:	5714479			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/16/1977
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3660
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	14
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5714479.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	07/30/1977				
Year Completed:	1977				
Depth (m):	20.7264				
Latitude:	44.3586741444121				
Longitude:	-79.7079335101802				
Path:	571\5714479.pdf				
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10392211			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602964.40
Code OB Desc:				North83:	4912523.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	07/30/1977			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932316089				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	4.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932316091				
Layer:	3				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	15.0				
Formation End Depth:	40.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932316092				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	68				
Mat2 Desc:	DRY				
Mat3:	69				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		FINE-GRAINED			
Formation Top Depth:		40.0			
Formation End Depth:		49.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932316095			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		57.0			
Formation End Depth:		68.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932316090			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932316093			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		49.0			
Formation End Depth:		53.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932316094			
Layer:		6			
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		53.0			
Formation End Depth:		57.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965714479			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10940781			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930642455			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		55.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995714479			
Pump Set At:					
Static Level:		-10.0			
Final Level After Pumping:		5.0			
Recommended Pump Depth:		10.0			
Pumping Rate:		5.0			
Flowing Rate:		3.0			
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		Yes			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934573785			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		30			
Test Level:		5.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934823752			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		5.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934298763			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933874352			
Layer:		1			
Kind Code:		4			
Kind:		MINERIAL			
Water Found Depth:		55.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10392211		Tag No:	
Depth M:		20.7264		Contractor:	3660
Year Completed:		1977		Latitude:	44.3586741444121
Well Completed Dt:		07/30/1977		Longitude:	-79.7079335101802
Audit No:				Y:	44.35867414305567
Path:		571\5714479.pdf		X:	-79.7079333575778
25	2 of 2	NW/244.3	246.9 / -21.37	lot 5 con 14 ON	WWIS
Well ID:		5718446		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	04/06/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	14
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		INNISFIL TOWNSHIP			
Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5718446.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/31/1982				
Year Completed:	1982				
Depth (m):	45.1104				
Latitude:	44.3586741444121				
Longitude:	-79.7079335101802				
Path:	571\5718446.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10396132			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602964.40
Code OB Desc:				North83:	4912523.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	05/31/1982			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932333480				
Layer:	2				
Color:	4				
General Color:	GREEN				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:	28				
Mat3 Desc:	SAND				
Formation Top Depth:	4.0				
Formation End Depth:	12.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932333481				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	12.0				
Formation End Depth:	36.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932333485			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		141.0			
Formation End Depth:		148.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932333482			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		36.0			
Formation End Depth:		83.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932333483			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		83.0			
Formation End Depth:		130.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932333484			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		130.0			
Formation End Depth:		141.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932333479			
Layer:		1			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965718446			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10944702			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930647277			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		141.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933371123			
Layer:		1			
Slot:		004			
Screen Top Depth:		141.0			
Screen End Depth:		147.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995718446			
Pump Set At:					
Static Level:		33.0			
Final Level After Pumping:		140.0			
Recommended Pump Depth:		135.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934575513			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935091290			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934826005			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934300657			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933878268			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		144.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10396132			Tag No:	
Depth M:	45.1104			Contractor:	2514
Year Completed:	1982			Latitude:	44.3586741444121
Well Completed Dt:	05/31/1982			Longitude:	-79.7079335101802
Audit No:				Y:	44.35867414305567
Path:	571\5718446.pdf			X:	-79.7079333575778

26	1 of 1	SSE/253.1	294.9 / 26.63	lot 5 con 13 ON	WWIS
Well ID:	5718804			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/19/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	005
Depth to Bedrock:				Concession:	13
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5718804.pdf				

Additional Detail(s) (Map)

Well Completed Date: 06/10/1983
 Year Completed: 1983
 Depth (m): 42.3672
 Latitude: 44.3536953761375
 Longitude: -79.7055334156844
 Path: 571\5718804.pdf

Bore Hole Information

Bore Hole ID: 10396484
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 06/10/1983
 Remarks:
 Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:

Elevation:
 Elevrc:
 Zone: 17
 East83: 603164.40
 North83: 4911973.00
 Org CS:
 UTMRC: 5
 UTMRC Desc: margin of error : 100 m - 300 m
 Location Method: p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932335263			
Layer:		1			
Color:		4			
General Color:		GREEN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		26.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932335264			
Layer:		2			
Color:		4			
General Color:		GREEN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26.0			
Formation End Depth:		139.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965718804			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10945054			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930647682			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		135.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933371370			
Layer:		1			
Slot:		010			
Screen Top Depth:		135.0			
Screen End Depth:		139.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995718804			
Pump Set At:					
Static Level:		98.0			
Final Level After Pumping:		130.0			
Recommended Pump Depth:		115.0			
Pumping Rate:		18.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934576189			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		98.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934301752			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		99.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935092382			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		98.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934826675			

92 erisinfo.com | Environmental Risk Information Services Order No: 24041700276

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:			Zone:	17	
Code OB:			East83:	602788.40	
Code OB Desc:			North83:	4912298.00	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed:		10/28/1965	UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932262227			
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932262229			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		37.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932262228			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		13.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		37.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701713			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10928176			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627494			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933363474			
Layer:		1			
Slot:		012			
Screen Top Depth:		38.0			
Screen End Depth:		42.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995701713			
Pump Set At:					
Static Level:		3.0			
Final Level After Pumping:		4.0			
Recommended Pump Depth:		15.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933861071			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10379606			Tag No:	
Depth M:	12.8016			Contractor:	4715
Year Completed:	1965			Latitude:	44.3566739548526
Well Completed Dt:	10/28/1965			Longitude:	-79.7101859533792
Audit No:				Y:	44.356673953888574
Path:	570\5701713.pdf			X:	-79.71018580086974
28	1 of 1	SSE/279.3	297.7 / 29.46	lot 6 con 12 ON	WWIS
Well ID:	5721021			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/31/1986
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	NA			Contractor:	2514
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SIMCOE
Elevatn Reliabilty:				Lot:	006
Depth to Bedrock:				Concession:	12
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	INNISFIL TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/572\5721021.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/23/1986				
Year Completed:	1986				
Depth (m):	42.672				
Latitude:	44.3393890838691				
Longitude:	-79.6967660531827				
Path:	572\5721021.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10398647			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	603197.00
Code OB Desc:				North83:	4911956.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	06/23/1986			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	map
Loc Method Desc:		YPD: Map ; OBM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932344760			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		25.0			
Formation End Depth:		140.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932344759			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965721021			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10947217			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930650538			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		137.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930650537			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		135.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Screen</u>					
Screen ID:		933372355			
Layer:		1			
Slot:		010			
Screen Top Depth:		137.0			
Screen End Depth:		140.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995721021			
Pump Set At:					
Static Level:		100.0			
Final Level After Pumping:		120.0			
Recommended Pump Depth:		115.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934574003			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 935090314					
Test Type: Recovery					
Test Duration: 60					
Test Level: 100.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934823993					
Test Type: Recovery					
Test Duration: 45					
Test Level: 100.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934307764					
Test Type: Recovery					
Test Duration: 15					
Test Level: 100.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933880822					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 130.0					
Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10398647		Tag No:			
Depth M: 42.672		Contractor: 2514			
Year Completed: 1986		Latitude: 44.3535377292483			
Well Completed Dt: 06/23/1986		Longitude: -79.7051278372332			
Audit No: NA		Y: 44.35353772804908			
Path: 572\5721021.pdf		X: -79.70512768496246			
29	1 of 1	SSE/286.0	297.1 / 28.86	lot 5 con 13 ON	WWIS
Well ID: 5701525		Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st: Domestic		Data Entry Status:			
Use 2nd: 0		Data Src: 1			
Final Well Status: Water Supply		Date Received: 11/17/1967			
Water Type:		Selected Flag: TRUE			
Casing Material:		Abandonment Rec:			
Audit No:		Contractor: 1510			
Tag:		Form Version: 1			
Constructn Method:		Owner:			
Elevation (m):		County: SIMCOE			
Elevatn Reliabilty:		Lot: 005			
Depth to Bedrock:		Concession: 13			
Well Depth:		Concession Name: CON			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Municipality:		INNISFIL TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/570\5701525.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/13/1967			
Year Completed:		1967			
Depth (m):		30.48			
Latitude:		44.3533976438062			
Longitude:		-79.7054772332122			
Path:		570\5701525.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10379418		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		11/13/1967		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261414			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932261413			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261416			
Layer:		4			
Color:					
General Color:					
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		90.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932261415			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965701525			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10927988			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930627282			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		96.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter: 4.0 Casing Diameter UOM: inch Casing Depth UOM: ft					
Construction Record - Screen					
Screen ID: 933363379 Layer: 1 Slot: 014 Screen Top Depth: 96.0 Screen End Depth: 100.0 Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch Screen Diameter:					
Results of Well Yield Testing					
Pumping Test Method Desc: PUMP Pump Test ID: 995701525 Pump Set At: Static Level: 80.0 Final Level After Pumping: 90.0 Recommended Pump Depth: 90.0 Pumping Rate: 10.0 Flowing Rate: Recommended Pump Rate: 5.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No					
Water Details					
Water ID: 933860883 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 90.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10379418 Depth M: 30.48 Year Completed: 1967 Well Completed Dt: 11/13/1967 Audit No: Path: 570\5701525.pdf					
Tag No: Contractor: 1510 Latitude: 44.3533976438062 Longitude: -79.7054772332122 Y: 44.35339764321755 X: -79.70547708099997					
30	1 of 4	ENE/288.6	263.9 / -4.37	84 AND 76 Ardagh Road Barrie ON L4N 9B7	EHS
Order No: 21031100334 Status: C Report Type: Standard Report Report Date: 16-MAR-21 Date Received: 11-MAR-21					
Nearest Intersection: Municipality: Barrie Client Prov/State: ON Search Radius (km): .25 X: -79.702915					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name: Lot/Building Size: 0.67ha Additional Info Ordered:				Y: 44.357832	
30	2 of 4	ENE/288.6	263.9 / -4.37	84 AND 76 Ardagh Road Barrie ON L4N 9B7	EHS
Order No: 21031100334 Status: C Report Type: Standard Report Report Date: 16-MAR-21 Date Received: 11-MAR-21 Previous Site Name: Lot/Building Size: 0.67ha Additional Info Ordered:				Nearest Intersection: Municipality: Barrie Client Prov/State: ON Search Radius (km): .25 X: -79.702915 Y: 44.357832	
30	3 of 4	ENE/288.6	263.9 / -4.37	84 AND 76 Ardagh Road Barrie ON L4N 9B7	EHS
Order No: 21031100334 Status: C Report Type: Standard Report Report Date: 16-MAR-21 Date Received: 11-MAR-21 Previous Site Name: Lot/Building Size: 0.67ha Additional Info Ordered:				Nearest Intersection: Municipality: Barrie Client Prov/State: ON Search Radius (km): .25 X: -79.702915 Y: 44.357832	
30	4 of 4	ENE/288.6	263.9 / -4.37	84 AND 76 Ardagh Road Barrie ON L4N 9B7	EHS
Order No: 21031100334 Status: C Report Type: Standard Report Report Date: 16-MAR-21 Date Received: 11-MAR-21 Previous Site Name: Lot/Building Size: 0.67ha Additional Info Ordered:				Nearest Intersection: Municipality: Barrie Client Prov/State: ON Search Radius (km): .25 X: -79.702915 Y: 44.357832	
31	1 of 1	NNW/291.1	244.1 / -24.12	lot 5 con 14 ON	WWIS
Well ID: 5716690 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate:				Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 05/12/1980 Selected Flag: TRUE Abandonment Rec: Contractor: 2514 Form Version: 1 Owner: County: SIMCOE Lot: 005 Concession: 14 Concession Name: CON Easting NAD83: Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:				Zone: UTM Reliability:	
		INNISFIL TOWNSHIP			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/571\5716690.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/10/1979			
Year Completed:		1979			
Depth (m):		15.5448			
Latitude:		44.35912417685			
Longitude:		-79.707923618539			
Path:		571\5716690.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10394384		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	602964.40
Code OB Desc:				North83:	4912573.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		08/10/1979		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932325812			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		01			
Mat2 Desc:		FILL			
Mat3:		03			
Mat3 Desc:		MUCK			
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932325813			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SAND			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		4.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932325814			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		29			
Mat2 Desc:		FINE GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		45.0			
Formation End Depth:		51.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965716690			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10942954			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930645088			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933370329			
Layer:		1			
Slot:		006			
Screen Top Depth:		48.0			
Screen End Depth:		51.0			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	BAILER				
Pump Test ID:	995716690				
Pump Set At:					
Static Level:					
Final Level After Pumping:	48.0				
Recommended Pump Depth:	30.0				
Pumping Rate:	7.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	Yes				
<u>Water Details</u>					
Water ID:	933876576				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	45.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10394384			Tag No:	
Depth M:	15.5448			Contractor:	2514
Year Completed:	1979			Latitude:	44.35912417685
Well Completed Dt:	08/10/1979			Longitude:	-79.707923618539
Audit No:				Y:	44.35912417613612
Path:	571\5716690.pdf			X:	-79.70792346618963
32	1 of 2	ENE/292.2	263.9 / -4.37	76 Ardagh Rd Barrie ON L4N9B7	EHS
Order No:	20130904024			Nearest Intersection:	
Status:	C			Municipality:	City of Barrie
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	09-SEP-13			Search Radius (km):	.25
Date Received:	04-SEP-13			X:	-79.702028
Previous Site Name:	vacant land and residential			Y:	44.358079
Lot/Building Size:	0.8ha				
Additional Info Ordered:					
32	2 of 2	ENE/292.2	263.9 / -4.37	76 ARDAGH ROAD#202, BARRIE ON	INC
Incident No:	1730228			Any Health Impact:	No
Incident ID:				Any Enviro Impact:	No
Instance No:				Service Intrap:	Yes
Status Code:				Was Prop Damaged:	Yes
Incident Status:				Reside App. Type:	
Incident Severity:				Commer App. Type:	
Task No:	5887443			Indus App. Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Attribute Category: FS-Perform L1 Incident Insp Context: Date of Occurrence: 2015/10/01 00:00:00 Time of Occurrence: 14:00:00 Occr Insp Start Dt: 2015/10/02 00:00:00 Incident Creat On: Instance Creat Dt: Instance Install Dt: Approx Quant Rel: Tank Capacity: Fuels Occur Type: Fire Occur Type Rpt: Occur Category: Fuel Type Involved: Natural Gas Fuel Type Reported: Enforcement Policy: NULL Prc Escalation Req: NULL Item: Item Description: Device Installed Location: Venting Type: Vent Conn Mater: Vent Chimney Mater: Pipeline Type: Pipeline Involved: Pipe Material: Regulator Location: Regulator Type: Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Inventory Address: 76 ARDAGH ROAD#202, BARRIE - FIRE Invent Postal Code: Notes: Contact Natural Env: Aff Prop Use Water: Occurrence Narrative: FIRE AT FURNACE Operation Type Involved: Multi-unit Residential Institut App. Type: Depth Ground Cover: Operation Pressure: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Pump Flow Rate Cap: Contam. Migrated: Near Body of Water: Drainage System: Sub Surface Contam: Tank Material Type: Tank Storage Type: Tank Location Type:					
33	1 of 2	W/293.7	261.9 / -6.37	Enbridge Gas Distribution Inc. 172 Ardah Road Barrie ON	SPL
Ref No: 5162-BCKNAV Year: Incident Dt: 5/27/2019 Dt MOE Arvl on Scn: MOE Reported Dt: 5/27/2019 Dt Document Closed: 6/29/2019 Site No: NA MOE Response: No Site County/District: County of Simcoe Site Geo Ref Meth: Site District Office: Barrie Nearest Watercourse: Site Name: residential<UNOFFICIAL> Site Address: 172 Ardah Road Site Region: Central Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nothing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Enbridge Gas Distribution Inc. Client Type: Corporation Source Type: Pipeline/Components Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Receiving Medium: Air Incident Reason: Operator/Human Error Incident Summary: TSSA - Enbridge, 1/2" plastic service IP line damaged, made safe Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Miscellaneous Communal SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Call Report Locatn Geodata:					
33	2 of 2	W/293.7	261.9 / -6.37	ENBRIDGE GAS INC 172 ARDAGH RD,,BARRIE,ON,L4N 3V6,CA ON	PINC
Incident Id: Incident No: 2590882 Incident Reported Dt: 5/27/2019 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 172 ARDAGH RD,,BARRIE,ON,L4N 3V6,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					
34	1 of 1	WNW/295.3	250.4 / -17.81	117 Bishop Drive Barrie ON	SPL
Ref No: 8243-AFK2DC Year: Incident Dt: 2016/11/09 Dt MOE Arvl on Scn:					
Municipality No: Nature of Damage: Discharger Report: Material Group:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Reported Dt:	2016/11/09			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:	NA				
MOE Response:	No				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	residential property<UNOFFICIAL>				
Site Address:	117 Bishop Drive				
Site Region:					
Site Municipality:	Barrie				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:	4912375				
Easting:	602765				
Incident Cause:					
Incident Event:	Leak/Break				
Environment Impact:					
Nature of Impact:					
Contaminant Qty:	0 other - see incident description				
System Facility Address:					
Client Name:					
Client Type:					
Source Type:					
Contaminant Code:	14				
Contaminant Name:	TAR				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:	Land; Surface Water; Source Water Zone				
Incident Reason:	Unknown / N/A				
Incident Summary:	Sealant/tar to ground and marsh: Bear Creek Tributary				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Miscellaneous Industrial				
SAC Action Class:	Watercourse Spills				
Call Report Locatn Geodata:					

35	1 of 3	ENE/296.3	267.5 / -0.74	79 Ardagh Road, Barrie ON	PINC
Incident Id:				Pipe Material:	
Incident No:	859858			Fuel Category:	Natural Gas
Incident Reported Dt:				Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:	Pipeline Damage Reason Est			Property Damage:	Yes
Tank Status:	RC Established			Service Interrupt:	
Task No:	3944005			Enforce Policy:	Yes
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2012/08/28			Regulator Location:	
Depth:				Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:	79 Ardagh Road, Barrie - 1" Pipeline Hit				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Reported By: Maxwell Bennett Maxwell.Bennett@enbridge.com Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
35	2 of 3	ENE/296.3	267.5 / -0.74	Heritage Baptist Church<UNOFFICIAL> 79 Ardagh Rd Barrie ON	SPL
Ref No: 1420-A79LV5 Year: Incident Dt: 2016/02/18 Dt MOE Arvl on Scn: MOE Reported Dt: 2016/02/18 Dt Document Closed: 2016/03/01 Site No: NA MOE Response: No Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Heritage Christian Academy <UNOFFICIAL> Site Address: 79 Ardagh Rd Site Region: Site Municipality: Barrie Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Overflow/Surcharge Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Heritage Baptist Church<UNOFFICIAL> Client Type: Source Type: Contaminant Code: 44 Contaminant Name: SEWAGE,RAW UNCHLORINATED Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Incident Reason: Blockage Incident Summary: Heritage Baptist - Raw sewage back-up from manhole Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Municipal Sewage SAC Action Class: Sewage Bypasses / Overflows Call Report Locatn Geodata:					
35	3 of 3	ENE/296.3	267.5 / -0.74	Heritage Baptist Church 79 Ardagh Road Barrie ON L4N 9B6	GEN
Generator No: ON3748695 SIC Code: 813110					

110 erisinfo.com | Environmental Risk Information Services Order No: 24041700276

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
----------------	------------------------------	------------------------------------	--------------------------	-------------	-----------

Call Report Locatn Geodata:

Unplottable Summary

Total: **37** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	DAN HENDERSON	ARDAGH RD., ARDAGH BLUFFS SWM	BARRIE ON	
CA	385444 ONTARIO LIMITED	ARDAGH RD.	BARRIE CITY ON	
CA	648892 ONTARIO INC. MILL POND ESTATES	PRIVATE PROP. ELIZABETH ST.	SIMCOE TOWN ON	N3Y 4K4
CA	LIZA DEVELOPMENT CORP.	PATTERSON RD. LIZA HEIGHTS SUB	BARRIE CITY ON	
CA	D.G. PRATT CONSTRUCTION LTD.	PRIVATE RD. PATTERSON RD.	BARRIE CITY ON	
CA	724103 ONTARIO LTD.-LOT 5/CONC. 13	STORMWATER DETENTION POND	BARRIE CITY ON	
CA	A.G.C. DEVELOPMENTS/TIMBERWALK, PHASE IV	EASEMENT BLOCK 221/WILDWOOD TR	BARRIE CITY ON	
CA	GAILCREST HOMES INC. TWP. OF INNISFIL	BISHOP DR./ SUBD. #190	BARRIE CITY ON	
CA	LIZA DEVELOPMENT CORP.	ARDAGH RD. LIZA HEIGHTS SUBD.	BARRIE CITY ON	
CA	BARRYWOOD HEIGHTS PH. II	STREET A PATTERSON RD.	BARRIE CITY ON	
CA	664564 ONTARIO LIMITEDC/O VALENTINE DEVE	CRAWFORD ST.	BARRIE CITY ON	
CA	385444 ONTARIO LIMITED	ARDAGH RD.	BARRIE CITY ON	
CA	CITY	PATTERSON RD.	BARRIE CITY ON	
CA	CITY	PATTERSON RD.	BARRIE CITY ON	
CA		Pt. North half Lot 6, Con. 14, City of Barrie	Barrie ON	
CA		South Half Lots 6 & 7, Concession 14	Barrie ON	
CA	Barrie Patrol Yard	Lot 6, Conc. 14	Barrie ON	

CA	Barrie Patrol Yard	Lot 6, Conc. 14	Barrie ON	
CA	Concord Ontario Developments Limited	Bishop Dr	Barrie ON	
CA	1350291 Ontario Ltd.	Ardagh Road	Barrie ON	
CA	1350291 Ontario Ltd.	Ardagh Road	Barrie ON	
CA	GAILCREST HOMES INC.	BISHOP DR.	BARRIE CITY ON	
CA	A.G.C. DEVELOPMENTS LIMITED-WILDWOOD TRA	WILDWOOD TRAIL/GROUSE GLEN	BARRIE CITY ON	
CA	BARRIE CITY	PATTERSON RD. CRAWFORD ST.	BARRIE CITY ON	
CA	BARRIE CITY	CRAWFORD STREET	BARRIE CITY ON	
DTNK	SUNCOR ENERGY PRODUCTS INC	CON 14	SIMCOE ON	N3Y 4P4
EHS		South Side of Ardagh Road	Barrie ON	
EXP	C & E DEDEYNE LTD ATTN CAMIEL DEDEYNE	LOT 6 CON 14 RR #7	SIMCOE ON	
PRT	C & E DEDEYNE LTD ATTN CAMIEL DEDEYNE	LOT 6 CON 14	SIMCOE ON	N3Y 4K3
PRT	PETRO CANADA PRODUCTS CONSUMER SALES - KELLY VANDE	CON 14	SIMCOE ON	
SPL	TWD Roads Management Inc.	Ardagh Rd, West to Hwy #27	Barrie ON	
SPL	CITY OF BARRIE	BEAR CREEK TRIBUTARY, ALONG ARDAGH ROAD STORM WATER RETENTION POND	BARRIE CITY ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	

Unplottable Report

Site: DAN HENDERSON
ARDAGH RD., ARDAGH BLUFFS SWM BARRIE ON

Database:
CA

Certificate #: 3-1200-98-
Application Year: 98
Issue Date: 8/11/1998
Approval Type: Municipal sewage
Status: PEO
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 385444 ONTARIO LIMITED
ARDAGH RD. BARRIE CITY ON

Database:
CA

Certificate #: 7-0926-88-
Application Year: 88
Issue Date: 7/13/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 648892 ONTARIO INC. MILL POND ESTATES
PRIVATE PROP. ELIZABETH ST. SIMCOE TOWN ON N3Y 4K4

Database:
CA

Certificate #: 7-0082-87-
Application Year: 87
Issue Date: 2/25/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LIZA DEVELOPMENT CORP.
PATTERSON RD. LIZA HEIGHTS SUB BARRIE CITY ON

Database:
CA

Certificate #: 7-1448-88-

Application Year: 88
Issue Date: 2/13/1991
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **D.G. PRATT CONSTRUCTION LTD.**
PRIVATE RD. PATTERSON RD. BARRIE CITY ON

Database:
CA

Certificate #: 7-1438-88-
Application Year: 88
Issue Date: 11/23/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **724103 ONTARIO LTD.-LOT 5/CONC. 13**
STORMWATER DETENTION POND BARRIE CITY ON

Database:
CA

Certificate #: 3-0417-91-
Application Year: 91
Issue Date: 7/18/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **A.G.C. DEVELOPMENTS/TIMBERWALK, PHASE IV**
EASEMENT BLOCK 221/WILDWOOD TR BARRIE CITY ON

Database:
CA

Certificate #: 3-0037-90-
Application Year: 90
Issue Date: 1/18/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GAILCREST HOMES INC. TWP. OF INNISFIL
BISHOP DR./ SUBD. #190 BARRIE CITY ON

Database:
CA

Certificate #: 3-1324-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: LIZA DEVELOPMENT CORP.
ARDAGH RD. LIZA HEIGHTS SUBD. BARRIE CITY ON

Database:
CA

Certificate #: 3-1686-88-
Application Year: 88
Issue Date: 2/13/1991
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BARRYWOOD HEIGHTS PH. II
STREET A PATTERSON RD. BARRIE CITY ON

Database:
CA

Certificate #: 3-1932-88-
Application Year: 88
Issue Date: 11/29/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 664564 ONTARIO LIMITEDC/O VALENTINE DEVE
CRAWFORD ST. BARRIE CITY ON

Database:
CA

Certificate #: 3-2077-88-
Application Year: 88
Issue Date: 10/30/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: 385444 ONTARIO LIMITED
ARDAGH RD. BARRIE CITY ON

Database:
CA

Certificate #: 3-0807-88-
Application Year: 88
Issue Date: 7/8/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
PATTERSON RD. BARRIE CITY ON

Database:
CA

Certificate #: 7-0695-85-006
Application Year: 85
Issue Date: 10/11/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CITY
PATTERSON RD. BARRIE CITY ON

Database:
CA

Certificate #: 3-0943-85-006
Application Year: 85
Issue Date: 10/11/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Pt. North half Lot 6, Con. 14, City of Barrie Barrie ON

Database:
CA

Certificate #: 5541-4FRMV4
Application Year: 00

Issue Date: 1/24/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Better Homes Construction Ltd.
Client Address: P.O. Box 124
Client City: Midhurst
Client Postal Code: L0L 1X0
Project Description: Sanitary and Storm Sewers
Contaminants:
Emission Control:

Site:

South Half Lots 6 & 7, Concession 14 Barrie ON

Database:

CA

Certificate #: 0377-4URK5F
Application Year: 01
Issue Date: 3/12/01
Approval Type: Industrial sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: A Plus Self Storage Ltd.
Client Address: 25 Morrow Road, Unit #109
Client City: Barrie
Client Postal Code: L4N 3V7
Project Description: This application is for the construction of a stormwater management pond to service a commercial self-storage development facility.
Contaminants:
Emission Control:

Site: **Barrie Patrol Yard**
Lot 6, Conc. 14 Barrie ON

Database:

CA

Certificate #: 0245-4L8P2P
Application Year: 00
Issue Date: 9/29/00
Approval Type: Industrial sewage
Status: Approved
Application Type: Notice
Client Name: Her Majesty the Queen in Right of Ontario as represented by the Minister of Transportation
Client Address: 659 Exeter Road
Client City: London
Client Postal Code: N6E 1L3
Project Description: This application is for an amendment to the existing C of A No. 6501-587PSL to add the MTO Thorold Tunnel Garage to the list of the approved sites. The project involves the installation of an oil/water separator. The separator will remove oil and grease from waste water generated during the washing of highway maintenance equipment to service the garage bays. The system discharges the treated wastewater into a separate drainage ditch, which eventually connects to a larger drainage (tributary of Lake Gibson). This undertaking is approved under MTO's Class EA Document (O.C. # 1653/99).
Contaminants:
Emission Control:

Site: **Barrie Patrol Yard**
Lot 6, Conc. 14 Barrie ON

Database:

CA

Certificate #: 0245-4L8P2P
Application Year: 00
Issue Date: 10/4/00
Approval Type: Industrial sewage
Status: Approved
Application Type: Notice
Client Name: Her Majesty the Queen in Right of Ontario as represented by the Minister of Transportation
Client Address: 659 Exeter Road
Client City: London

Client Postal Code: N6E 1L3
Project Description: The MTO owns a number of patrol yards throughout the Province of Ontario. Activities in the patrol yard garages include the washing of highway maintenance vehicles. Approval was granted in support of the installation and operation of oil/water separators at MTO patrol yards to facilitate oil, grease and solids removal from washwater wastestreams. Amendment is required to the C/A to list all the patrol yards on Schedule "B".
Contaminants:
Emission Control:

Site: **Concord Ontario Developments Limited**
Bishop Dr Barrie ON

Database:
CA

Certificate #: 0823-7RMN3U
Application Year: 2009
Issue Date: 5/4/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **1350291 Ontario Ltd.**
Ardagh Road Barrie ON

Database:
CA

Certificate #: 6001-5TFMV8
Application Year: 2004
Issue Date: 2/9/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **1350291 Ontario Ltd.**
Ardagh Road Barrie ON

Database:
CA

Certificate #: 6665-5SLJ8M
Application Year: 2003
Issue Date: 10/24/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **GAILCREST HOMES INC.**
BISHOP DR. BARRIE CITY ON

Database:
CA

Certificate #: 7-1488-89-

Application Year: 89
Issue Date: 9/7/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: A.G.C. DEVELOPMENTS LIMITED-WILDWOOD TRA
WILDWOOD TRAIL/GROUSE GLEN BARRIE CITY ON

Database:
CA

Certificate #: 7-1206-90-
Application Year: 90
Issue Date: 8/3/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BARRIE CITY
PATTERSON RD. CRAWFORD ST. BARRIE CITY ON

Database:
CA

Certificate #: 3-1276-86-
Application Year: 86
Issue Date: 10/3/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: BARRIE CITY
CRAWFORD STREET BARRIE CITY ON

Database:
CA

Certificate #: 3-0665-87-
Application Year: 87
Issue Date: 6/4/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SUNCOR ENERGY PRODUCTS INC
CON 14 SIMCOE ON N3Y 4P4

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No: 9605399
Status: EXPIRED
Instance ID:
Instance Type: FS Facility
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: Up to May 2013

Expired Date: 10/29/2009 12:53
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item:
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: South Side of Ardagh Road Barrie ON

Database:
EHS

Order No: 20020910005
Status: C
Report Type: Site Report
Report Date: 9/12/02
Date Received: 9/10/02
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection: County Road 27 (formerly Highway 131)
Municipality: City of Barrie, County of Simcoe
Client Prov/State: ON
Search Radius (km): 0.25
X: -79.734793
Y: 44.350131

Site: C & E DEDEYNE LTD ATTN CAMIEL DEDEYNE
LOT 6 CON 14 RR #7 SIMCOE ON

Database:
EXP

Inventory No: 10966349
Inventory Status: Inactive
Installation Year: NULL
Capacity: 1364
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Coating
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

Site: C & E DEDEYNE LTD ATTN CAMIEL DEDEYNE
LOT 6 CON 14 SIMCOE ON N3Y 4K3

Database:
PRT

Location ID: 13448
Type: private
Expiry Date:
Capacity (L): 1364.00
Licence #: 0001066153

Site: PETRO CANADA PRODUCTS CONSUMER SALES - KELLY VANDE
CON 14 SIMCOE ON

Database:
PRT

Location ID: 13447
Type: retail
Expiry Date: 1993-07-31
Capacity (L): 317800
Licence #: 0030601016

Site: TWD Roads Management Inc.
Ardagh Rd, West to Hwy #27 Barrie ON

Database:
SPL

Ref No: 7213-8Z3ME3
Year:
Incident Dt: 12-OCT-12
Dt MOE Arvl on Scn:
MOE Reported Dt: 14-OCT-12
Dt Document Closed: 18-OCT-12
Site No:
MOE Response: No Further Response (PR-PIR Table A)
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Infront of Fire STn<UNOFFICIAL>
Site Address: Ardagh Rd, West to Hwy #27
Site Region:
Site Municipality: Barrie
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Contaminant Qty: 25 L
System Facility Address:
Client Name: TWD Roads Management Inc.
Client Type:
Source Type:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Other
Incident Summary: TWD Truck: Hyd Oil to grnd, cln
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Land Spills

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

Site: CITY OF BARRIE

BEAR CREEK TRIBUTARY, ALONG ARDAGH ROAD STORM WATER RETENTION POND BARRIE CITY ON

Database:

SPL

Ref No:	169755	Municipality No:	70101
Year:		Nature of Damage:	
Incident Dt:	7/4/1999	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	7/4/1999	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	BARRIE CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CAUSE (N.O.S.)		
Incident Event:			
Environment Impact:	CONFIRMED		
Nature of Impact:	Water course or lake		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	WATER		
Incident Reason:	STORM/FLOOD/WIND		
Incident Summary:	CITY OF BARRIE-RESIDENT REPORTS HEAVY SILTATION TO BEAR CRK. ERP PER NSP.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			

Site:

lot 5 ON

Database:

WWIS

Well ID:	4405081	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/27/1987
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	06686	Contractor:	5201
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	NORFOLK
Elevatn Reliability:		Lot:	005

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: SIMCOE TOWN
Site Info:

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

Bore Hole Information

Bore Hole ID: 10276978
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/22/1987
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
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: 931883756
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883758
Layer: 5
Color: 2
General Color: GREY
Mat1: 10
Most Common Material: COARSE SAND
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883754
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883757
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883755
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 964405081
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10825548
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930463808
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 72.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933351324
Layer: 1
Slot: 012
Screen Top Depth: 68.0
Screen End Depth: 72.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994405081
Pump Set At:
Static Level: 55.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 70.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933747142
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:

lot 5 ON

Database:
WWIS

Well ID: 5724322
Construction Date:
Use 1st: Public
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 50141
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliability:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/08/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5224
Form Version: 1
Owner:
County: SIMCOE
Lot: 005

Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: INDIAN RESERVE RAMA 32
Site Info:

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

Bore Hole Information

Bore Hole ID:	10401921	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/09/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	932359485
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932359483
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID: 932359484
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 9.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 965724322
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10950491
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930654800
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995724322
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 27.0
Recommended Pump Depth: 25.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935100161
Test Type: Recovery

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

Draw Down & Recovery

Pump Test Detail ID: 934833213
Test Type: Recovery
Test Duration: 45
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934308917
Test Type: Recovery
Test Duration: 15
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934583640
Test Type: Recovery
Test Duration: 30
Test Level: 10.0
Test Level UOM: ft

Water Details

Water ID: 933884165
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 27.0
Water Found Depth UOM: ft

Site:
lot 5 ON

Database:
[WWIS](#)

Well ID: 5724320
Construction Date:
Use 1st: Public
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 50148
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: INDIAN RESERVE RAMA 32
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/08/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5224
Form Version: 1
Owner:
County: SIMCOE
Lot: 005
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10401919 Elevation:

DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/12/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	932359477
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	36.0
Formation End Depth:	45.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932359476
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

Overburden and Bedrock
Materials Interval

Formation ID:	932359474
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932359475
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 1.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932359478
Layer: 5
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932359479
Layer: 6
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 49.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965724320
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10950489
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID: 930654798
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995724320
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 49.0
Recommended Pump Depth: 47.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935100159
Test Type: Recovery
Test Duration: 60
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934833211
Test Type: Recovery
Test Duration: 45
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934308915
Test Type: Recovery
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934583638
Test Type: Recovery
Test Duration: 30
Test Level: 10.0

Test Level UOM: ft

Water Details

Water ID: 933884163
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 49.0
Water Found Depth UOM: ft

Site:
lot 5 ON

Database:
[WWIS](#)

Well ID: 4404931
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: SIMCOE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 02/24/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5201
Form Version: 1
Owner:
County: NORFOLK
Lot: 005
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10276852
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/09/1985
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
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: 931883243
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883242
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883244
Layer: 3
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931883245
Layer: 4
Color: 2
General Color: GREY
Mat1: 08
Most Common Material: FINE SAND
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 964404931
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10825422
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930463675
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 55.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933351228
Layer: 1
Slot: 006
Screen Top Depth: 51.0
Screen End Depth: 55.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994404931
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 45.0
Recommended Pump Depth: 53.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933747001
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35.0
Water Found Depth UOM: ft

Site:

lot 5 ON

Database:
WWIS

Well ID: 4403545
Construction Date:
Use 1st: Domestic

Flowing (Y/N):
Flow Rate:
Data Entry Status:

Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: SIMCOE TOWN
Site Info:

Data Src: 1
Date Received: 12/09/1978
Selected Flag: TRUE
Abandonment Rec:
Contractor: 5201
Form Version: 1
Owner:
County: NORFOLK
Lot: 005
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10275502
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/13/1975
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
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: 931878049
Layer: 3
Color: 2
General Color: GREY
Mat1: 31
Most Common Material: COARSE GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931878047
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931878048
Layer: 2
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 964403545
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10824072
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930462178
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 15.0
Casing Diameter: 1.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933350433
Layer: 1
Slot: 010
Screen Top Depth: 11.0
Screen End Depth: 15.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.0

Results of Well Yield Testing

Pumping Test Method Desc: PUMP

Pump Test ID: 994403545
Pump Set At:
Static Level: 8.0
Final Level After Pumping:
Recommended Pump Depth: 5.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 30.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933745358
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 8.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Oct 31, 2023

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 2022

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: Oct 2023

Chemical Manufacturers and Distributors:Private [CHEM](#)

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:Private [CHM](#)

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

Government Publication Date: 1999-Oct 31, 2023

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 -Nov 2023

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-Jan 2024

Certificates of Property Use:Provincial [CPU](#)

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

Government Publication Date: 1994 - Feb 29, 2024

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 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

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

Government Publication Date: Oct 2023

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-Feb 29, 2024

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 - Feb 29, 2024

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-Feb 29, 2024

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-Dec 31, 2023

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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

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, 2022

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: Oct 2023

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-Mar 2024

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: Oct 31, 2021

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: Oct 2023

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-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2024

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, 2022

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-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

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, 2024**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-Aug 2023**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 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 - Feb 29, 2024

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: Oct 2011-Feb 29, 2024

NPRI Reporters - PFAS Substances:

Federal

[PFCH](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

[PFHA](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 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, 2021

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994 - Feb 29, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

[REC](#)

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

Government Publication Date: 1986-1990, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Feb 2024

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-Oct 31, 2023

Scott's Manufacturing Directory:

Private

[SCT](#)

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

[SPL](#)

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Jan 2023; Mar 2023-Dec 2023

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970 - Apr 2023

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, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Feb 29, 2024

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: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D

City Directories





CITY DIRECTORY

Project Property: *127 and 131 Ardagh Road, Barrie, Ontario
127 and 131 Ardagh Road
Barrie, ON L4N 3V5*

Project No: *To be updated*

Requested By: *GEI Consultants Inc. (Canada)*

Order No: *24041700276*

Date Completed: *April 24, 2024*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

April 24, 2024
RE: CITY DIRECTORY RESEARCH
127 and 131 Ardagh Road
Barrie, ON L4N 3V5

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

100-150 of Ardagh Road
15-30 of Dove Crescent
200-225 of Patterson Road

Search Notes:

Search Results Summary

Data from 2012 to 2021 does not include residential information

Date	Source	Comment
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
1998-99	VERNONS	
1994-95	VERNONS	
1989	VERNONS	
1982	VERNONS	
1978	VERNONS	
1974	VERNONS	
1969	VERNONS	
1966	VERNONS	
1961	VERNONS	

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

101 COVENANT CHRISTIAN REFORMED...CHURCHES
121 PATTY'S PLACE...BEAUTY SALONS

NO LISTING FOUND

220

DOCK GUY...FOUNDATION-CONTRACTORS

101

COVENANT CHRISTIAN REFORMED...RELIGIOUS ORGANIZATION

121

PATTY'S PLACE...BEAUTY SALONS

125

KIDS R GEMS DAYCARE...CHILD DAY CARE SVCS

20 OSD CREATIVE BUSINESS SLTNS...UNCLASSIFIED

220 DOCK GUY...OTHER HEAVY CONSTRUCTION

101

COVENANT CHRISTIAN REFORMED...RELIGIOUS ORGANIZATION

121

PATTY'S PLACE...BEAUTY SALONS

125

KIDS R GEMS DAYCARE...CHILD DAY CARE SVCS

20

OSD CREATIVE BUSINESS SLTNS...UNCLASSIFIED

NO LISTING FOUND

ARDAGH RD

L4N 3V4

X 122•Patterson R 733-0083

• 122 Kelly B 733-2445

• 126 Wood R 727-4929

(5) 130 McRae S 733-0742

132 No Return

• 134•Zarcone C 734-2842

-- CRAWFORD ENDS

L4N 3V6

• 154•Winkler D 739-0621

Accuracy

(7) 101 Covenant † 734-0651
 Christian
 Reformed Church

- PATTERSON RD CROSSES

.....

ARDAGH RD

L4N 3V5

(2) 121•Oswald R 733-5293
 123 No Return
 X 125•Dennis M 733-0048
 X 127•Bain P 733-0028
 129 No Return
 X 131•Kennedy R 733-0045
 135 No Return
 X 137•Tankard R 733-0264
 139 No Return
 X 141•Tudhope H 733-0263
 143 No Return
 (3) 145 Allison K 733-2185
 • 145-bsmr Hollman M 733-3846
 (5) 147•Bell T
 (5) 147•Scarlett C
 (2) 151•Meyer P 733-3304

Accuracy

(2) 9•Clark M 722-0303
 • 23•Jones J 726-5693
 • 25•Doran R 726-5998
 (2) 27•Park H 727-1388
 • 29•Forster G 726-8772
 • 31•Mendes De Franca D 737-2603
 • 33•Marchese M 721-8282

• 14* Singer D	720-1230
• 16* Keen R	726-4685
(2) 18* Tervit J	726-8014
(2) 20 Paolini M	727-0398
(2) 20* Weber J	727-0404
(2) 22* Olston D	739-0253
• 36* Sheridan M	727-4910

L4M 4S7	
X 214* McGillivray J	733-0657
(8) 216* Thomas B	734-3569
• 216 Acute Electrical	† 733-8065
Services	
X 220* Castonguay S	733-0053
X 222* Thurlow B	733-0050
(2) 228 Fields S	733-0049
(2) 228-bsmt Mulrey G	733-0547

-- PATTERSON RD EXIT

(2) 100 No Return

• 110 Martin L 733-5744

(4) 114 Houter D 721-1986

-- PATTERSON RD CROSSES

L4N 3V4

(8) 122*Patterson R 733-0083

(2) 126 Kelly B 733-2445

(2) 130 McRae J 733-2438

132 No Return

(1) 134 Martin R 733-2733

-- CRAWFORD ENDS

L4N 3V6

154 No Return

156 No Return

Academy

(4) 101 Covenant † 734-0651

Christian

Reformed Church

-- PATTERSON RD CROSSES

L4N 3V5

(8) 121*Micks S 733-0047

123 No Return

(2) 125*Dennis R 733-0048

(8) 127*Bain P 733-0028

129 No Return

X 131*Kennedy R 733-0045

135 No Return

(8) 137*Tankard R 733-0264

139 No Return

(8) 141*Tudhope H 733-0263

143 No Return

• 145 Allison K 733-2185

(2) 147*Bell T

(2) 147*Scarlett C

151 No Return

15-30 NOT BUILT ON

(7)	174•McGillivray J	733-0013
X	176•Kelly R	721-8042
(8)	214•McGillivray J	733-0657
(5)	216•Thomas B	734-3569
(8)	220•Castonguay S	733-0053
(8)	222•Thurlow B	733-0050
(2)	228 Haines J	733-0049
(5)	228-bsmt Haines E	734-0245

-- PATTERSON RD EXIT

- 22 • 100 Ravensbrook Home# 726-7047
• 110 Burbidge B 722-4005

41 -- PATTERSON RD CROSSES

L4N 3V4

- (3) 122-Patterson R 728-4174

- (3) 126-Gennings A 728-3101 (8

- 130 Hawkins P 734-3810 (8

132 No Return (3

- 134 Martin R 737-2733

-- CRAWFORD ENDS

L4N 3V6

- 136-152 No Return (3

- 154 Kemp M 728-2145

15-30 STREET NOT LISTED

PATTERSON RD CROSSES

L4N 3V5

(3) 121•Micks G 728-4435

123 No Return

(3) 125•Robinson R 726-8333

(3) 127•Bain P 737-0467

129 No Return

(3) 131•Kennedy R 726-9450

135 No Return

(3) 137•Tankard R 728-8470

139 No Return

(3) 141•Tudhope H 726-8548

143 No Return

(3) 145 Manzer S 726-9299 AI

(3) 147•Sharpe G 726-4636

151 McNiven V 728-6389

(3) 176•Kelly R	721-8042
• 216 Thomas C	734-3589
(3) 220•Castonguay S	728-6010
(3) 222•Thurlow B	726-3406
1 228 Haines J	721-4273

— PATTERSON RD EXIT

106 Vacant

— PATTERSON RD
CROSSES

L4N 3V4

110•Patterson R	728-4174
112•Gennings A	728-3101
114•Berry P	726-1034
116•Marling O	728-6430

ARDAGH ROAD CONT'D

— CRAWFORD ENDS
L4N 3V6

126 Kemp M	728-2145
130*McConnell T	728-7639
132*Bouwen N	737-0742
134*Willoughby A	726-8320
136*Desjarlais L	728-5245
138*Fitzsimons W	726-8938
140*Wersonig J	737-4151
142 Barnes L	728-6725
144 Young A	726-7745
146*Lackie P	728-8488
148*Trimble E	728-9718
150 Judd R	726-1430
154*Cooper A	728-2763

— PATTERSON RD
CROSSES
L4N 3V5

111*Micks G	728-4435
113*Dennis R	726-8333
115*Bain P	
117 Vacant	
119*Sutton T	
121*Tankard R	728-8470
123*Tudhope H	726-8548
125*Sorbin R	728-8788
127*Sharpe G	726-4636
129*Paterson G	728-3207
131*Alasi V	726-5746
135*Harbridge L	728-5647
139*Verwoerd C	726-2963
141*Ram H	726-8517
143*Britnell R	726-0094
143 Edgehill Aquaria	726-0094
145*Smith C	728-9925
147 Cowden C	726-4199
149*Cremers T	737-4193
151*Michaelis A	728-0538
152 Defused	

15-30 STREET NOT LISTED

PATTERSON ROAD West Side

— RAILROAD CROSSES

— PHILLIPS BEGINS
L4N 3W2

225 Cairns I	728-5024
225* Nevils S	726-8998
227* Marlowe A	726-7239
220* VanDerKooij C.	728-0155

— PATTERSON RD EXIT

106*Hill E 726-8738

— PATTERSON RD CROSSES
L4N 3V4

110*Patterson R 728-4174

112*Gennings A 723-3101

114*Berry P

ARDAGH RD CONT'D

116*Marling O 728-6430

— CRAWFORD ENDS
L4N 3V6

126*Kemp A 728-2145

130*McConnell T 728-7639

132*Bouwen N 737-0742

134*Willoughby A 726-8320

136*Rush C 728-9848

138*Fitzsimons W 726-8938

140*Baker H 728-9988

142 Barnes L 728-6725

142*Patterson F 728-5623

r 142 No Return

144 Corbett G 726-8610

146*Dorion O 728-7468

148*Trimble E 728-9718

150*Judd R 726-1430

154*Cooper A 728-2763

— PATTERSON RD CROSSES
L4N 3V5

111*Micks G	728-4435
113 Robinson R	728-8333
115*Bain P	
117*Taylor R	728-2879
119 No Return	
121*Richardson L	728-8470
123*Tudhope H	728-8548
125*Funnell C	728-8357
127*Sharpe G	728-4636
129*Periard J	728-1013
131*Alasi V	728-5748
131-B Emery J	
135 Ardagh Woodworking	
	728-5847
135*Harbridge L	728-5847
139*Verwoerd C	728-2983
141*Ram H	728-8517
143*Britnell R	728-0094
143 Edgehill Aquaria	
	728-0094
145*Smith C	728-8925
145 Trudelle R	
149 Dempster R	728-1154
151*Michaelis A	728-0538

PATTERSON ROAD West Side**— RAILROAD CROSSES****— PHILLIPS BEGINS
L4N 3W2**

225 Morgan F	
225* Nevils S	726-8998
227* Marlowe A	726-7239
229* VanDerKooy C	728-0155

192	Holtzhauer, G	728-9888
206	Zinn, T D	728-2153
208	Sheepway, G W	728-8070
210	Patterson, Earl	728-3092
214	Anderson, S W	726-8119
216	Hayes, R D	726-6832
220	Hayes, J	726-1299
222	Brazier, L	726-6147

15-30 STREET NOT LISTED

PATTERSON ROAD, West Side

+ RAILROAD CROSSES

+ PHILLIPS BEGINS

225 Nevils, Sinclair 726-8998

225 Cairns, I 728-3750

227 Marlowe, A P 726-7239

96*	Carter, Douglas	728-9980
106*	Hill, E R	726-8738
154	Syvokas, G	728-9319

15-30 STREET NOT LISTED

200-225 NO LISTINGS WITHIN RADIUS

100-150 NO LISTINGS WITHIN RADIUS

15-30 STREET NOT LISTED

200-225 STREET NOT LISTED

100-150 NO LISTINGS WITHIN RADIUS

15-30 STREET NOT LISTED

200-225 STREET NOT LISTED

Appendix E

Other Government Records



Hippard, Samuel

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Thursday, June 6, 2024 4:28 PM
To: Hippard, Samuel
Subject: [EXT] RE: Request for Environmental Information

EXTERNAL EMAIL

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationsservices@tssa.org.

Kind regards,
Sherees



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Hippard, Samuel <SHippard@geiconsultants.com>

Sent: Thursday, June 6, 2024 2:46 PM

To: Public Information Services <publicinformationsservices@tssa.org>

Subject: Request for Environmental Information

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon Madam/Sir,

I would like to submit a request for Environmental Information for the following properties located in Barrie, Ontario:

1. 127 Ardagh Road
2. 131 Ardagh Road
3. 145 Ardagh Road
4. 147 Ardagh Road
5. 114 Ardagh Road
6. 110 Ardagh Road
7. 126 Ardagh Road
8. 130 Ardagh Road

As part of our historical review for an environmental investigation, I am requesting that the Technical Standards and Safety Authority (TSSA), Safety Fuel Division, review its database to identify to us any records of aboveground/underground storage tanks, spills, incidents, complaints, notices, tanks removals and/or remediation, etc. with the TSSA for the abovementioned site.

Your earliest attention to this matter is much appreciated. For your convenience, you may email me or call me with any information you may have for the properties. Thanks!

Best,

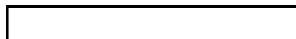
GEI

SAMUEL HIPPARD (He/Him)

657.549.7519

75 Tiverton Court | Unit 100

Markham, ON L3R 4M8



This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Hippard, Samuel

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: Thursday, June 6, 2024 4:41 PM
To: Hippard, Samuel
Subject: [EXT] RE: Request for Environmental Information

EXTERNAL EMAIL

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationsservices@tssa.org.

Kind regards,
Sherees



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Hippard, Samuel <SHippard@geiconsultants.com>
Sent: Thursday, June 6, 2024 2:28 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Request for Environmental Information

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon Madam/Sir,

I would like to submit a request for Environmental Information for the following properties located in Barrie, Ontario:

1. 135 Ardagh Road
2. 143 Ardagh Road
3. 216 Patterson Road
4. 121 Ardagh Road
5. 220 Patterson Road
6. 20 Dove Crescent
7. 158 Ardagh Road
8. 162 Ardagh Road
9. 166 Ardagh Road
10. 170 Ardagh Road

As part of our historical review for an environmental investigation, I am requesting that the Technical Standards and Safety Authority (TSSA), Safety Fuel Division, review its database to identify to us any records of aboveground/underground storage tanks, spills, incidents, complaints, notices, tanks removals and/or remediation, etc. with the TSSA for the abovementioned site.

Your earliest attention to this matter is much appreciated. For your convenience, you may email me or call me with any information you may have for the properties. Thanks!

Best,

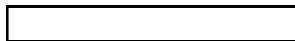
GEI

SAMUEL HIPPARD (He/Him)

657.549.7519

75 Tiverton Court | Unit 100

Markham, ON L3R 4M8



This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Ministry of the Environment,
Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

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

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2



June 14, 2024

Samuel Hippard
GEI Canada Consultants Ltd.
75 Tiverton Court
Markham, Ontario L3R 9V2
shippard@geiconsultants.com

Dear Samuel Hippard:

RE: **MECP FOI A-2024-03898 / Your Reference 2403866 –
Acknowledgement Letter**

The Ministry is in receipt of your request made pursuant to the Freedom of Information and Protection of Privacy Act. **The search will be conducted on the following:**

127 and 131 Ardagh Road, Barrie

Timeframe: January 1st, 1990 to June 13th, 2024

If there is any discrepancy, please contact us immediately.

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

If you have any questions, please contact Lia Delange at lia.delange@ontario.ca.

Yours truly,

Lia Delange
MECP Access and Privacy Office

Appendix F

Aerial Photographs/Fire Insurance Plans





Legend

- Site Boundary
- Road

NOTES:
 1. Coordinate System: NAD 1983 UTM Zone 17N.
 2. Aerial Photo Source: Simcoe County Interactive Map

0 50 100 m
 1:5,000



Phase I ESA
 127-131 Ardagh Road, Barrie
 Ontario

Fitchal Incorporated (c/o Merdod
 Zopyrus)



Project 2403866

1946
 AERIAL PHOTOGRAPH

June 2024

Fig. F1



Legend

- Site Boundary
- Road

NOTES:
 1. Coordinate System: NAD 1983 UTM Zone 17N.
 2. Aerial Photo Source: Simcoe County Interactive Map

0 50 100
 1:5,000 m



Phase I ESA
 127-131 Ardagh Road, Barrie
 Ontario

Fitchal Incorporated (c/o Merdod
 Zopyrus)



Project 2403866

1954
 AERIAL PHOTOGRAPH

June 2024

Fig. F2



Legend

- Site Boundary
- Road

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Aerial Photo Source: Simcoe County Interactive Map

0 50 100
m
1:5,000



Phase I ESA
127-131 Ardagh Road, Barrie
Ontario

Fitchal Incorporated (c/o Merdod
Zopyrus)



Project 2403866

1978
AERIAL PHOTOGRAPH

June 2024

Fig. F3



Legend

- Site Boundary
- Road

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Aerial Photo Source: Simcoe County Interactive Map

0 50 100
m
1:5,000



Phase I ESA
127-131 Ardagh Road, Barrie
Ontario

Fitchal Incorporated (c/o Merdod
Zopyrus)

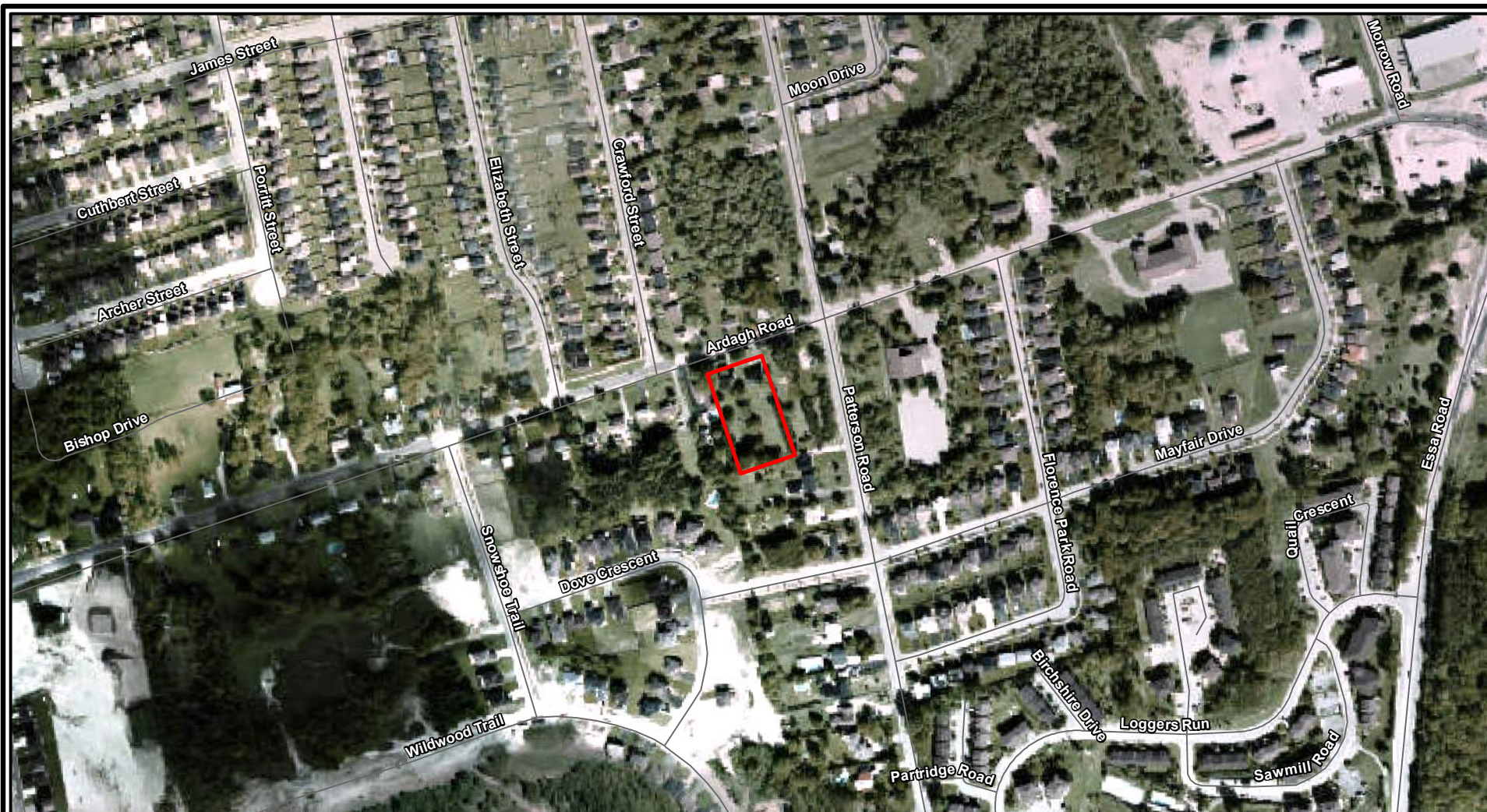


Project 2403866

1989
AERIAL PHOTOGRAPH

June 2024

Fig. F4



Legend

- Site Boundary
- Road

NOTES:
 1. Coordinate System: NAD 1983 UTM Zone 17N.
 2. Aerial Photo Source: Simcoe County Interactive Map

0 50 100
 1:5,000 m



Phase I ESA
 127-131 Ardagh Road, Barrie
 Ontario

Fitchal Incorporated (c/o Merdod
 Zopyrus)

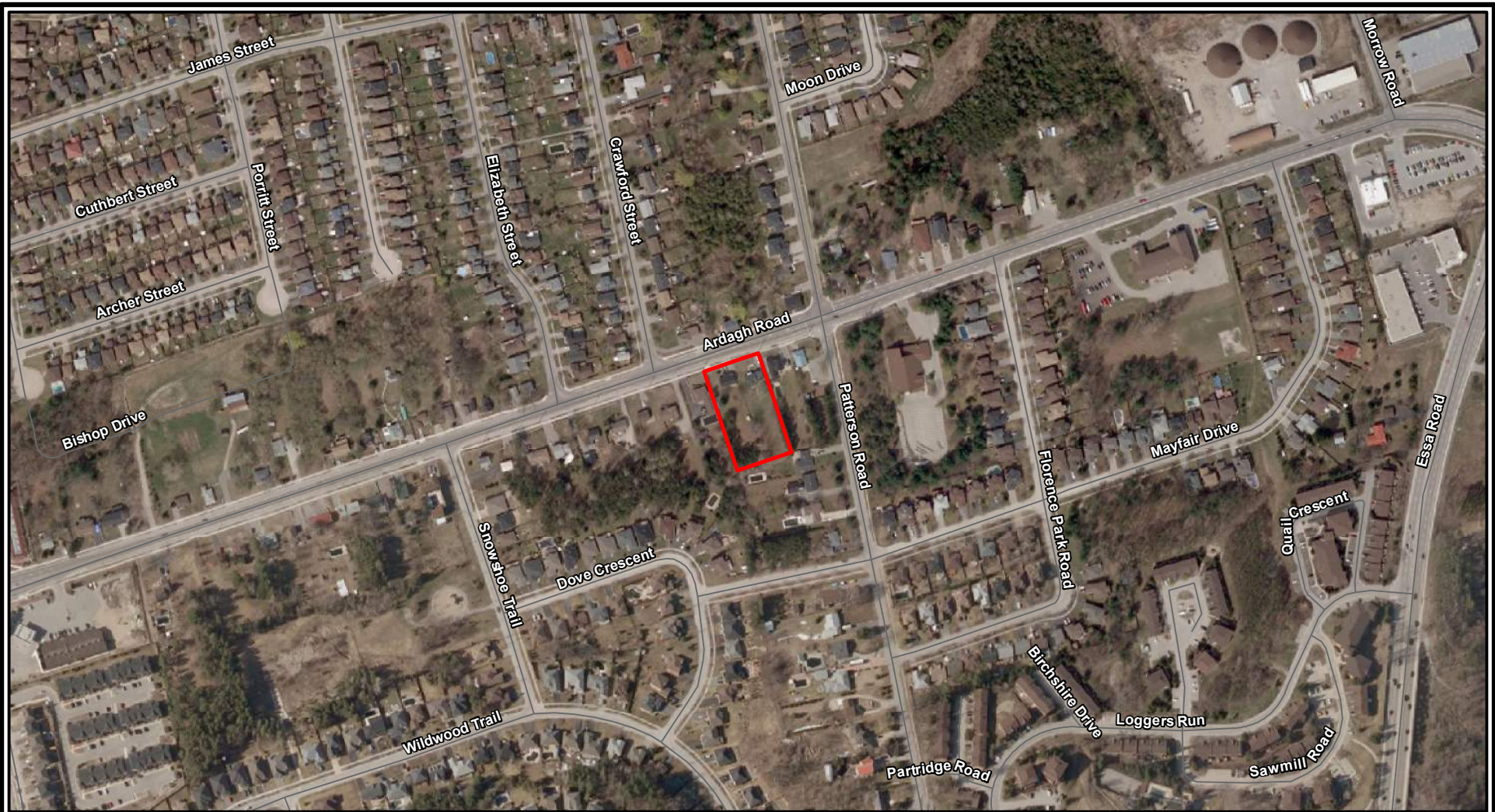


Project 2403866

1997
 AERIAL PHOTOGRAPH

June 2024

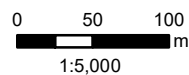
Fig. F5



Legend

- Site Boundary
- Road

NOTES:
 1. Coordinate System: NAD 1983 UTM Zone 17N.
 2. Aerial Photo Source: First Base Solutions



Phase I ESA
 127-131 Ardagh Road, Barrie
 Ontario

Fitchal Incorporated (c/o Merdod
 Zopyrus)

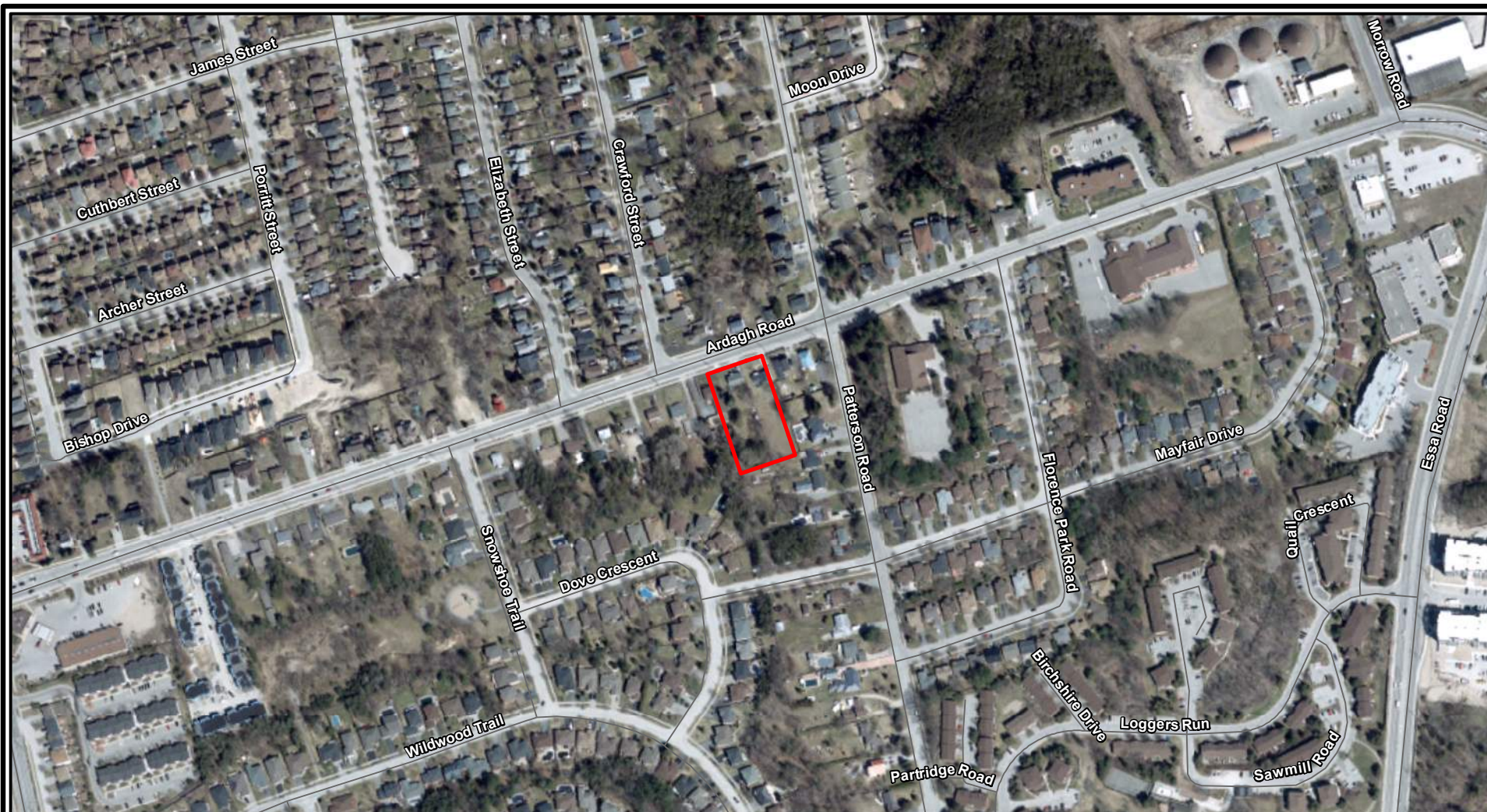


Project 2403866

2008
 AERIAL PHOTOGRAPH

June 2024

Fig. F6



Legend

- Site Boundary
- Road

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Aerial Photo Source: Simcoe County Interactive Map

0 50 100
m
1:5,000



Phase I ESA
127-131 Ardagh Road, Barrie
Ontario

Fitchal Incorporated (c/o Merdod
Zopyrus)

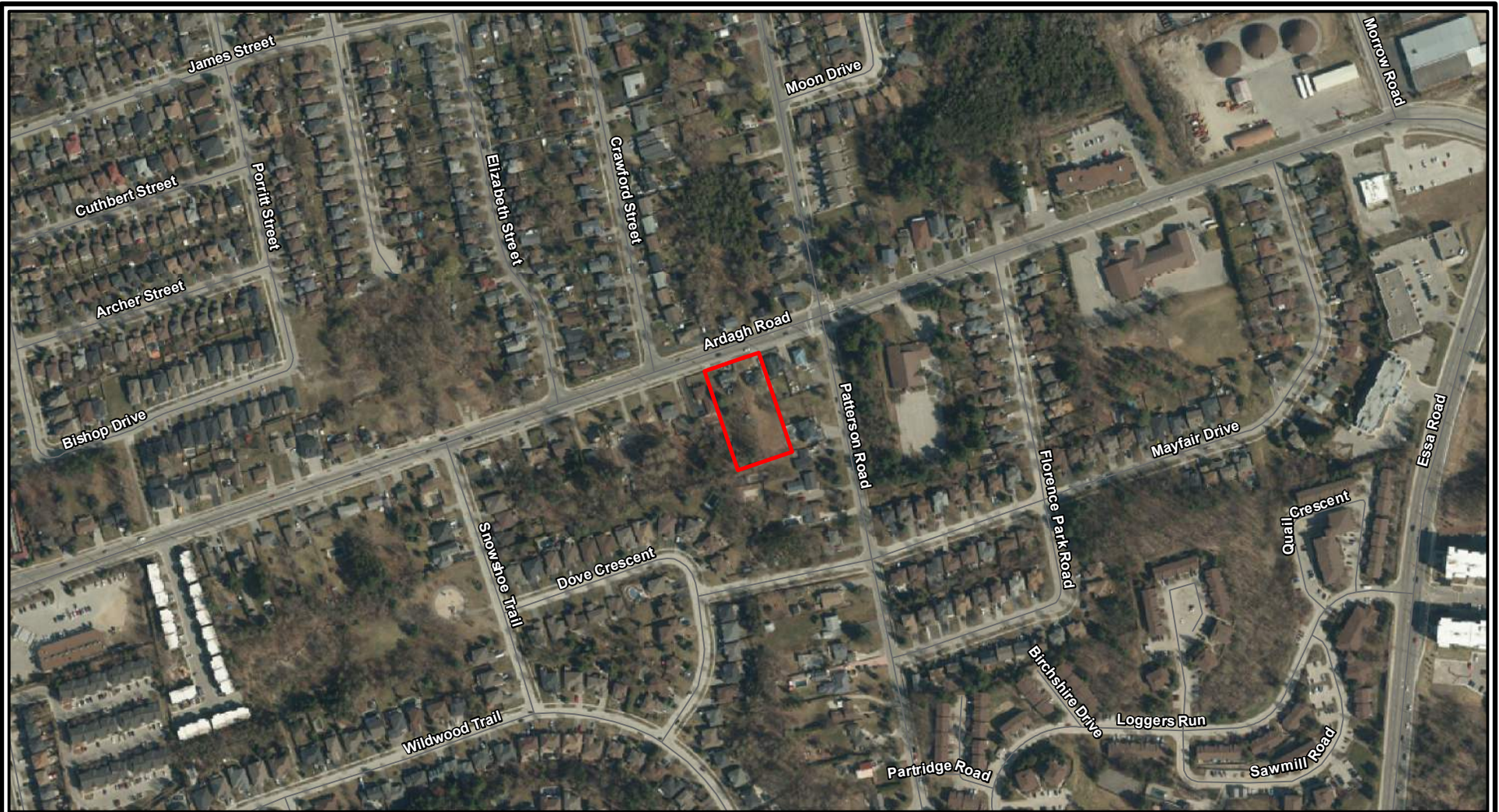


Project 2403866

2018
AERIAL PHOTOGRAPH

June 2024

Fig. F7



Legend

- Site Boundary
- Road

NOTES:

1. Coordinate System: NAD 1983 UTM Zone 17N.
2. Aerial Photo Source: First Base Solutions

0 50 100
m
1:5,000



Phase I ESA
127-131 Ardagh Road, Barrie
Ontario

Fitchal Incorporated (c/o Merdod
Zopyrus)



Project 2403866

2023
AERIAL PHOTOGRAPH

June 2024

Fig. F8



enviroscan



175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Nate

Site Address:

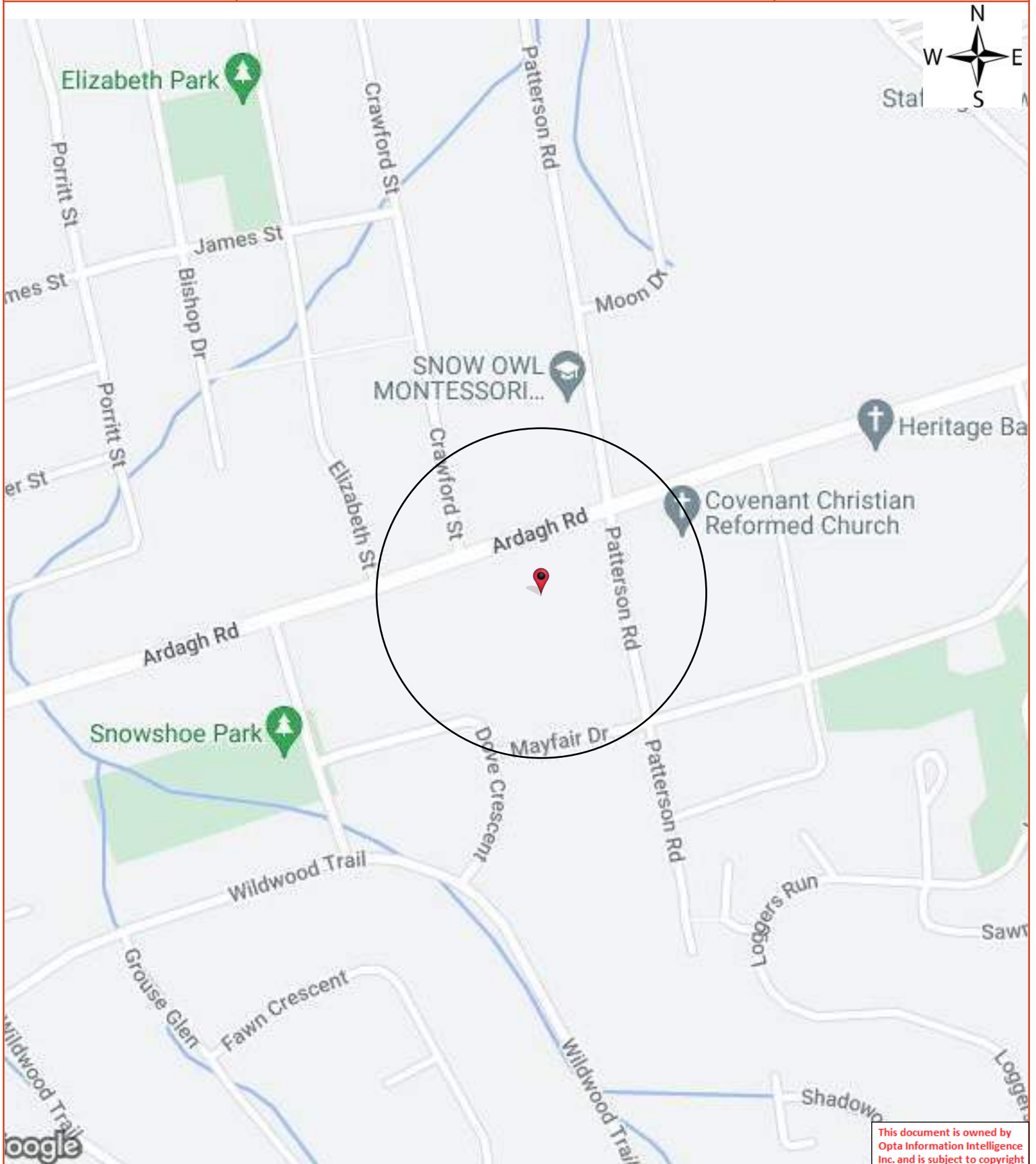
127 and 131 Ardagh Road, Barrie, ON

Project No:
24041700276

Opta Order ID:
143061

Requested by:
Eleanor Goolab
ERIS

Date Completed:
4/24/2024 2:03:39 PM



Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

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

Disclaimer

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

Entire Agreement

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

Governing Document

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

Law

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

Page: 4
Project Name: 127 and 131
Ardagh Road Barrie Ontario

Project #: 24041700276
P.O. #: To be updated

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab

Date Completed: 04/24/2024 14:03:39



OPTA INFORMATION INTELLIGENCE

No Records Found

This document is owned by
Opta Information Intelligence
Inc. and is subject to copyright
protection. Please see the
full Terms and Conditions at
the front of this document.



Appendix G

Site Photographs





PHOTOGRAPH 1

(GEI, 2024)

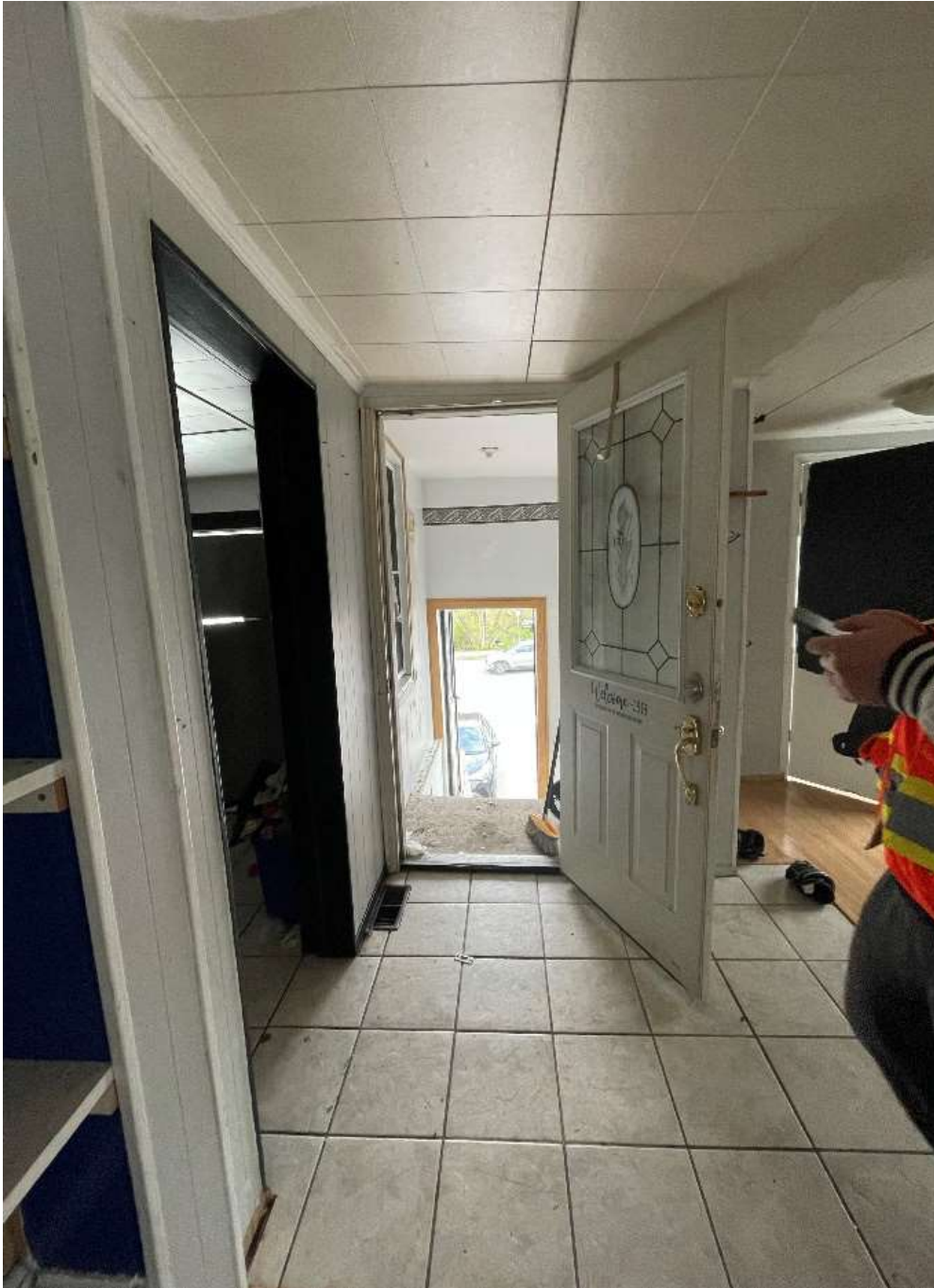
Description:
View of entrance
to 131 Ardagh
Road, picture
facing southeast.



PHOTOGRAPH 2

(GEI, 2024)

Description:
View of garage
door at 131
Ardagh Road,
picture facing
south.

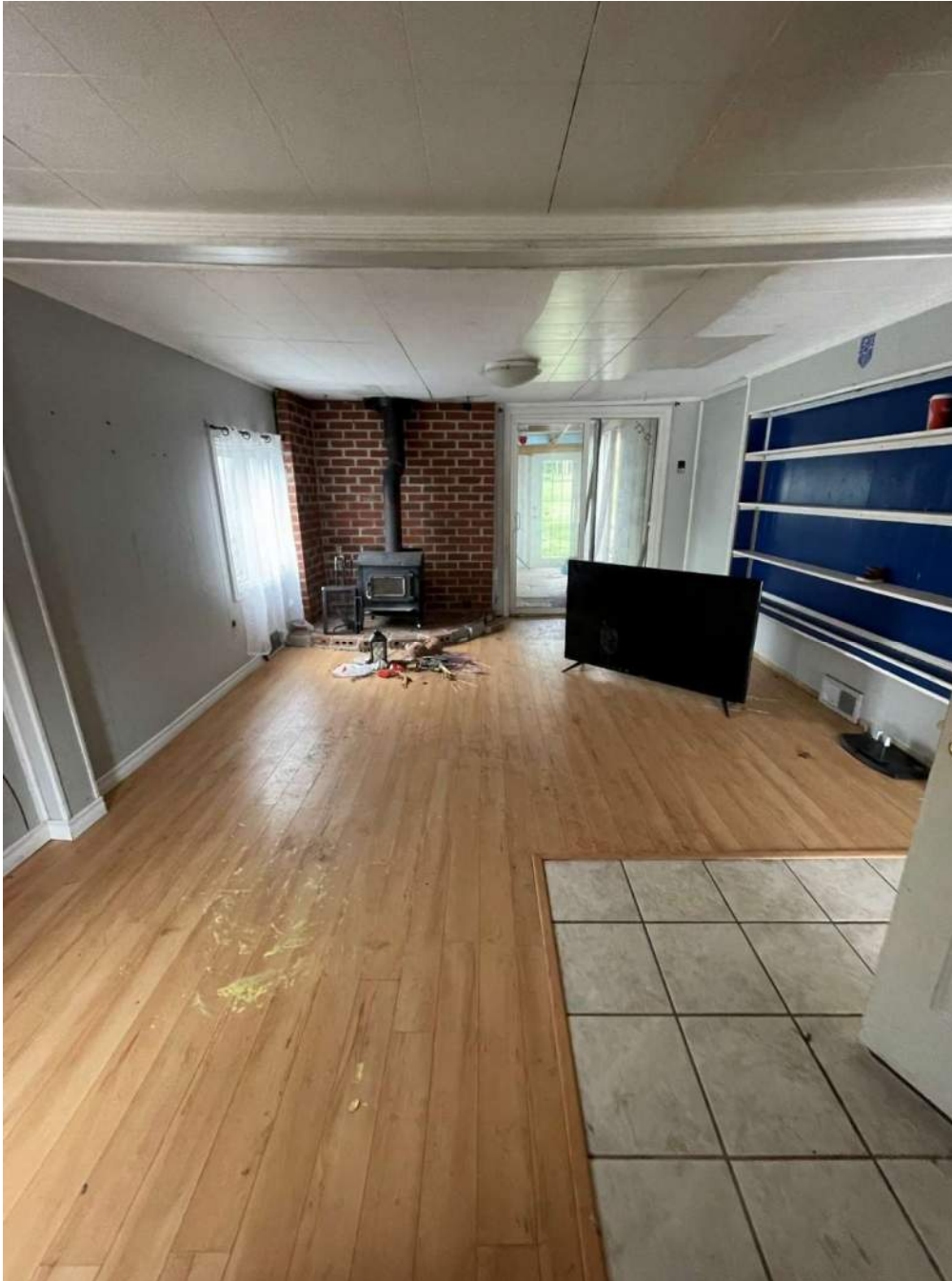


PHOTOGRAPH 3

(GEI, 2024)

Description:

View of the entrance from inside 131 Ardagh Road, picture facing north.



PHOTOGRAPH 4

(GEI, 2024)

Description:
View of interior of
131 Ardagh Road,
picture facing
south.



PHOTOGRAPH 5

(GEI, 2024)

Description:
View of entrance
closet of 131
Ardagh Road,
picture facing
west.



PHOTOGRAPH 6

(GEI, 2024)

Description:
View of wood
stove of 131
Ardagh Road,
picture facing
south.

PHOTOGRAPH 7

(GEI, 2024)

Description:
View of the
kitchen of 131
Ardagh Road,
picture facing
west.





PHOTOGRAPH 8

(GEI, 2024)

Description:

View of fiberglass insulation from the ceiling in bedroom of 131 Ardagh Road, picture facing east.



PHOTOGRAPH 9

(GEI, 2024)

Description:

View of the door
to backyard at
131 Ardagh Road,
picture facing
south.



**PHOTOGRAPH
10**

(GEI, 2024)

Description:

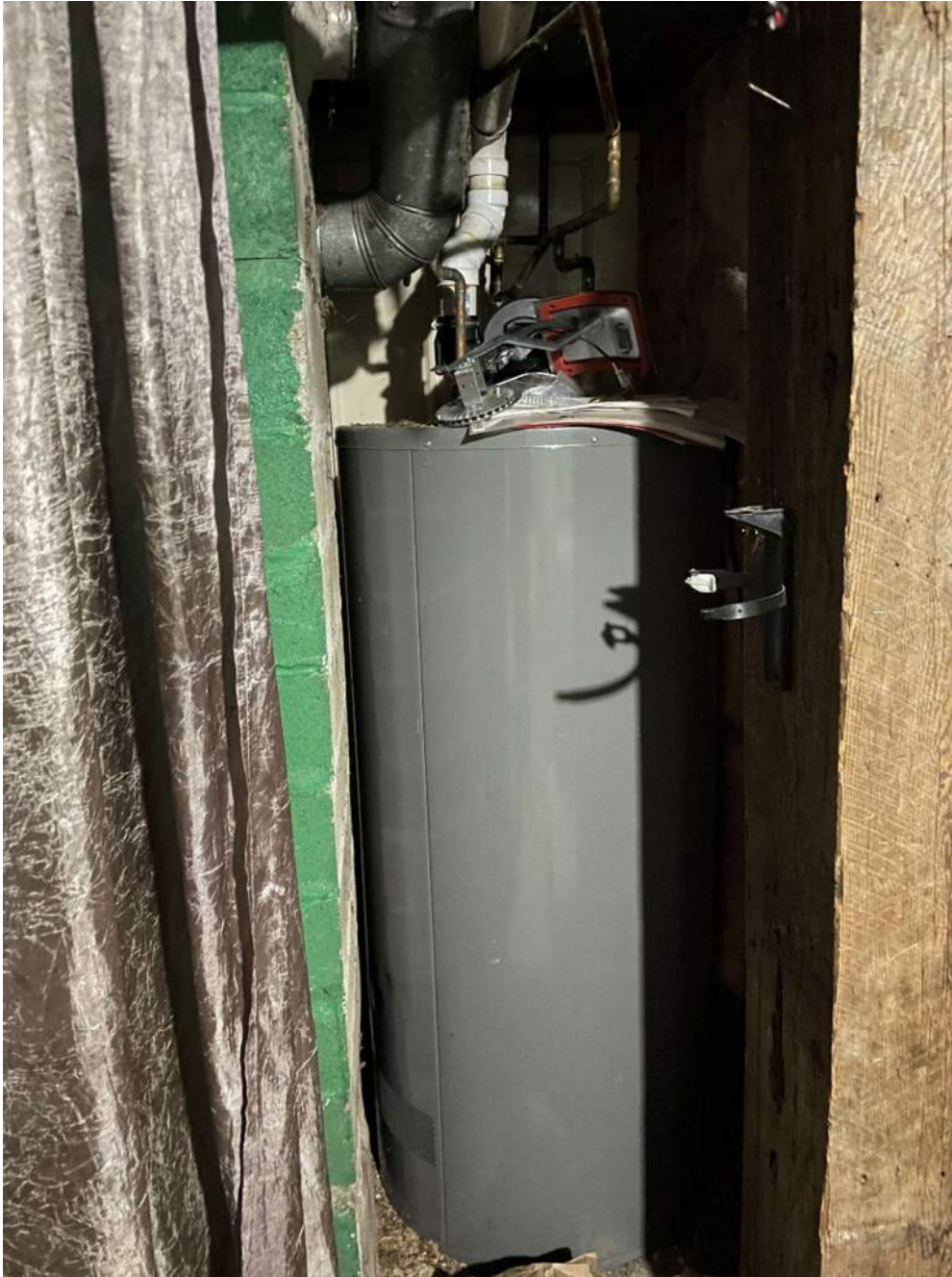
View of the
basement floor at
131 Ardagh Road,
washer leak from
the laundry,
picture facing
west.



PHOTOGRAPH
11

(GEI, 2024)

Description:
View of the gas
furnace located in
the basement of
131 Ardagh Road,
picture facing
northwest.



**PHOTOGRAPH
12**

(GEI, 2024)

Description:

View of the hot water tank located in the basement of 131 Ardagh Road, picture facing north.



**PHOTOGRAPH
13**

(GEI, 2024)

Description:
View of the hot water tank from the back in the basement of 131 Ardagh Road, picture facing south.



PHOTOGRAPH
14

(GEI, 2024)

Description:
View of leaking
pipes in the
basement ceiling
of 131 Ardagh
Road, picture
facing southwest.



**PHOTOGRAPH
15**

(GEI, 2024)

Description:
View of laundry
machine of 131
Ardagh Road,
source of the
water damage,
picture facing
southwest.

**PHOTOGRAPH
16**

(GEI, 2024)

Description:

View of the
electric box
located in the
basement of 131
Ardagh Road,
picture facing
north.





**PHOTOGRAPH
17**

(GEI, 2024)

Description:
View of the
basement of 131
Ardagh Road,
picture facing
north.



**PHOTOGRAPH
18**

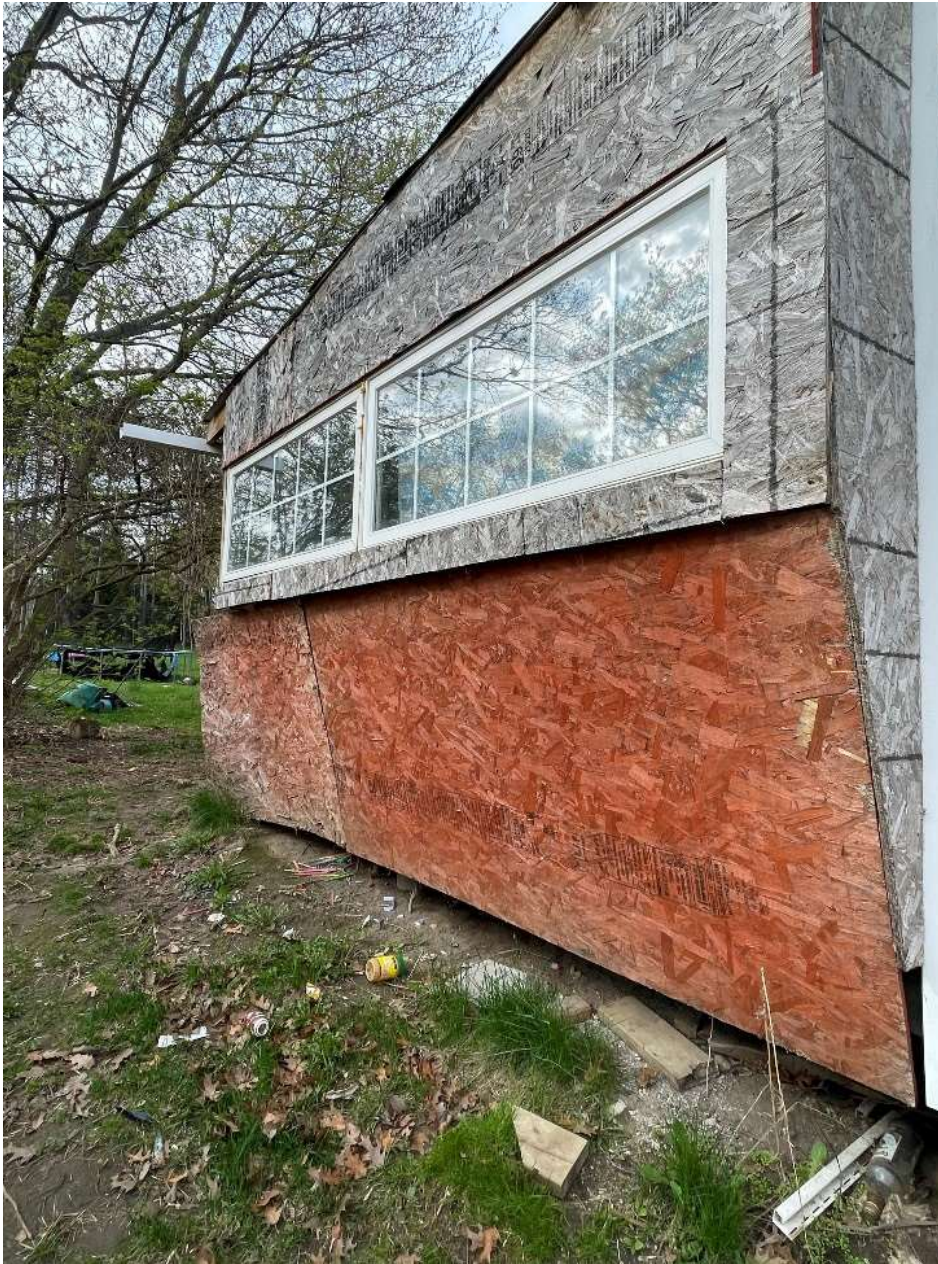
(GEI, 2024)

Description:
View of the
residential
dwelling from the
backyard located
on the north
portion of 131
Ardagh Road,
picture facing
north.

**PHOTOGRAPH
19**

(GEI, 2024)

Description:
View of the
exterior of 131
Ardagh Road,
picture facing
north.



**PHOTOGRAPH
20**

(GEI, 2024)

Description:

View of the House
from the west
portion of 131
Ardagh Road,
picture facing
northeast.



**PHOTOGRAPH
21**

(GEI, 2024)

Description:

Closeup view of
the air
conditioning unit
from the west
portion of 131
Ardagh Road,
picture facing
northeast.



**PHOTOGRAPH
22**

(GEI, 2024)

Description:

Closeup view of
the natural gas
meter from the
west portion of
131 Ardagh Road,
picture facing
northeast.



**PHOTOGRAPH
23**

(GEI, 2024)

Description:

View from the northwest corner of 131 Ardagh Road, picture facing southeast.



**PHOTOGRAPH
24**

(GEI, 2024)

Description:

View from the southwest corner of 131 Ardagh Road, picture facing north.



**PHOTOGRAPH
25**

(GEI, 2024)

Description:

View from the southern portion of 131 Ardagh Road, picture facing northwest.



**PHOTOGRAPH
26**

(GEI, 2024)

Description:

View from the northern portion of 131 Ardagh Road, picture facing southwest.



**PHOTOGRAPH
27**

(GEI, 2024)

Description:

View of the shed
located in the east
portion of 131
Ardagh Road,
picture facing
north.



PHOTOGRAPH
28

(GEI, 2024)

Description:
View of the
backyard light
mounted to the
ground of 131
Ardagh Road,
picture facing
east.



PHOTOGRAPH
29

(GEI, 2024)

Description:
View of the Site
from the north,
picture facing
south.



**PHOTOGRAPH
30**

(GEI, 2024)

Description:

View of the area
between 131 and
127 Ardagh Road,
picture facing
north.



**PHOTOGRAPH
31**

(GEI, 2024)

Description:

View from the
center portion of
the Site, picture
facing east.



**PHOTOGRAPH
32**

(GEI, 2024)

Description:

View from the center portion of the Site showing 131 and 127 Ardagh Road, picture facing northwest.



**PHOTOGRAPH
33**

(GEI, 2024)

Description:

View from the northern portion of the Site, adjacent to 131 Ardagh Road building, picture facing south.



PHOTOGRAPH
34

(GEI, 2024)

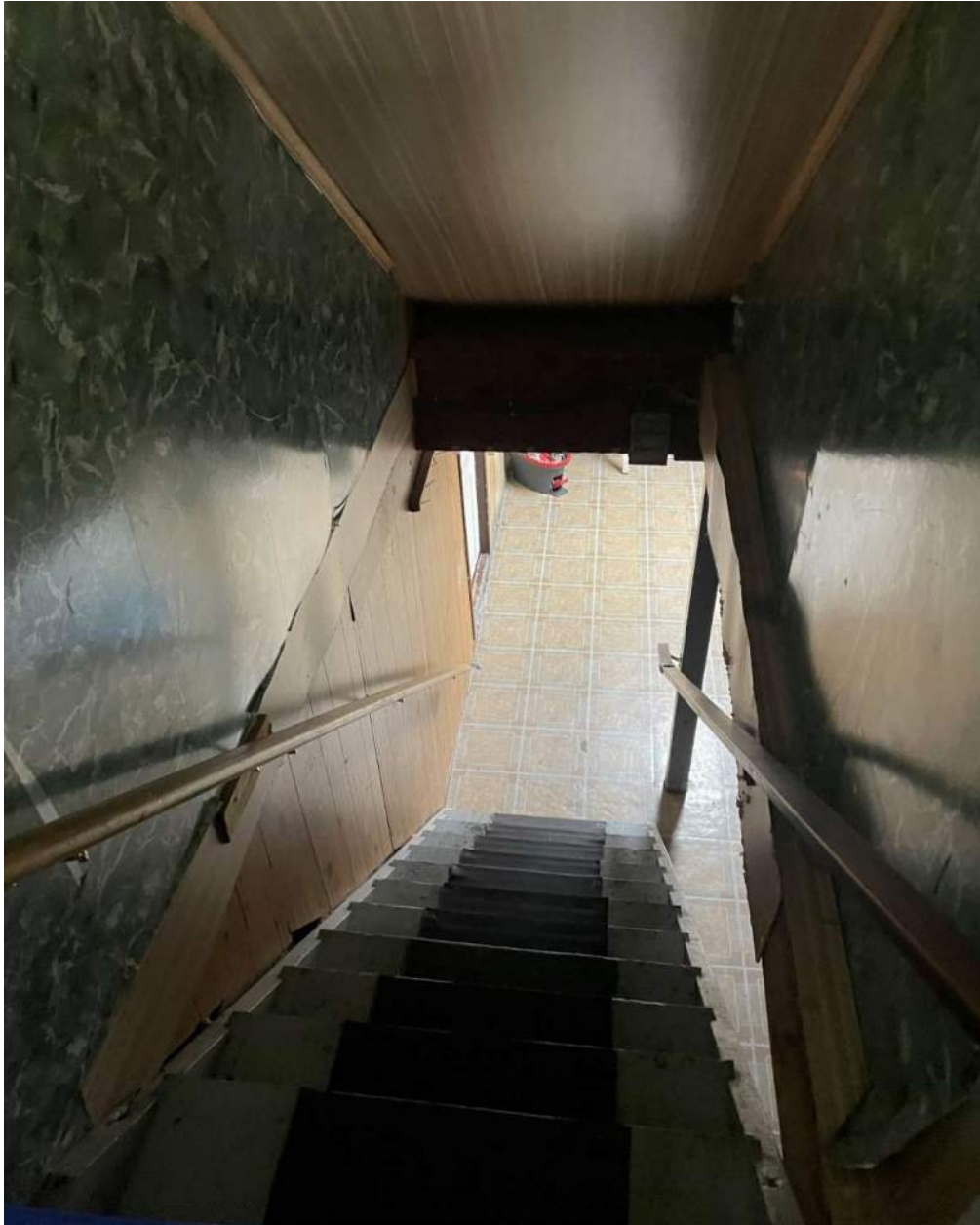
Description:
View from the
northeast portion
of the Site, picture
facing south.



PHOTOGRAPH
35

(GEI, 2024)

Description:
View of the
basement
entrance of 127
Ardagh Road,
picture facing
north.





PHOTOGRAPH
36

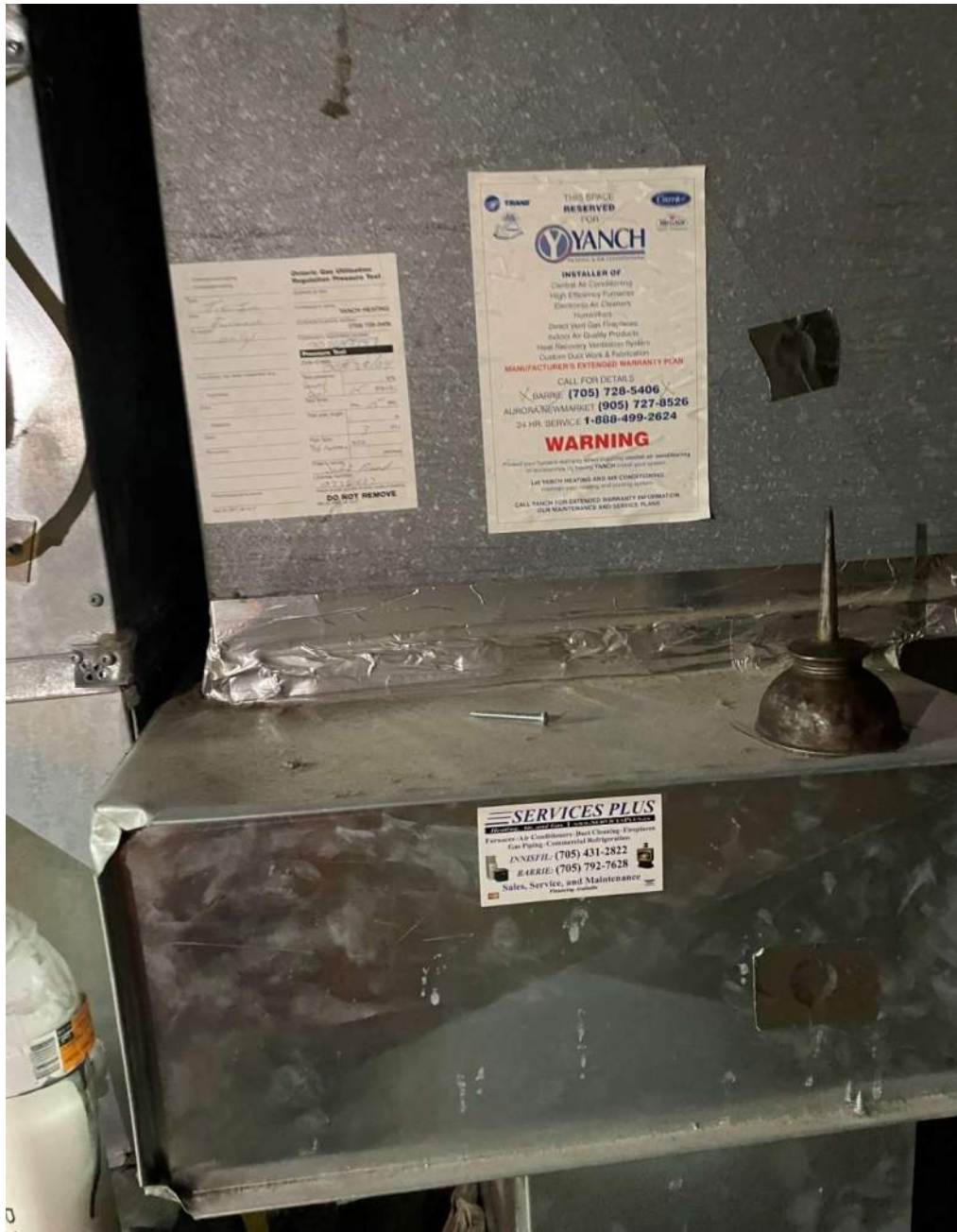
(GEI, 2024)

Description:
View of the gas
furnace in the
basement of 127
Ardagh Road.

PHOTOGRAPH
37

(GEI, 2024)

Description:
Closeup view of
the gas furnace in
the basement of
127 Ardagh Road.



**PHOTOGRAPH
37**

(GEI, 2024)

Description:
Closeup view of
the gas furnace in
the basement of
127 Ardagh Road.



PHOTOGRAPH
37

(GEI, 2024)

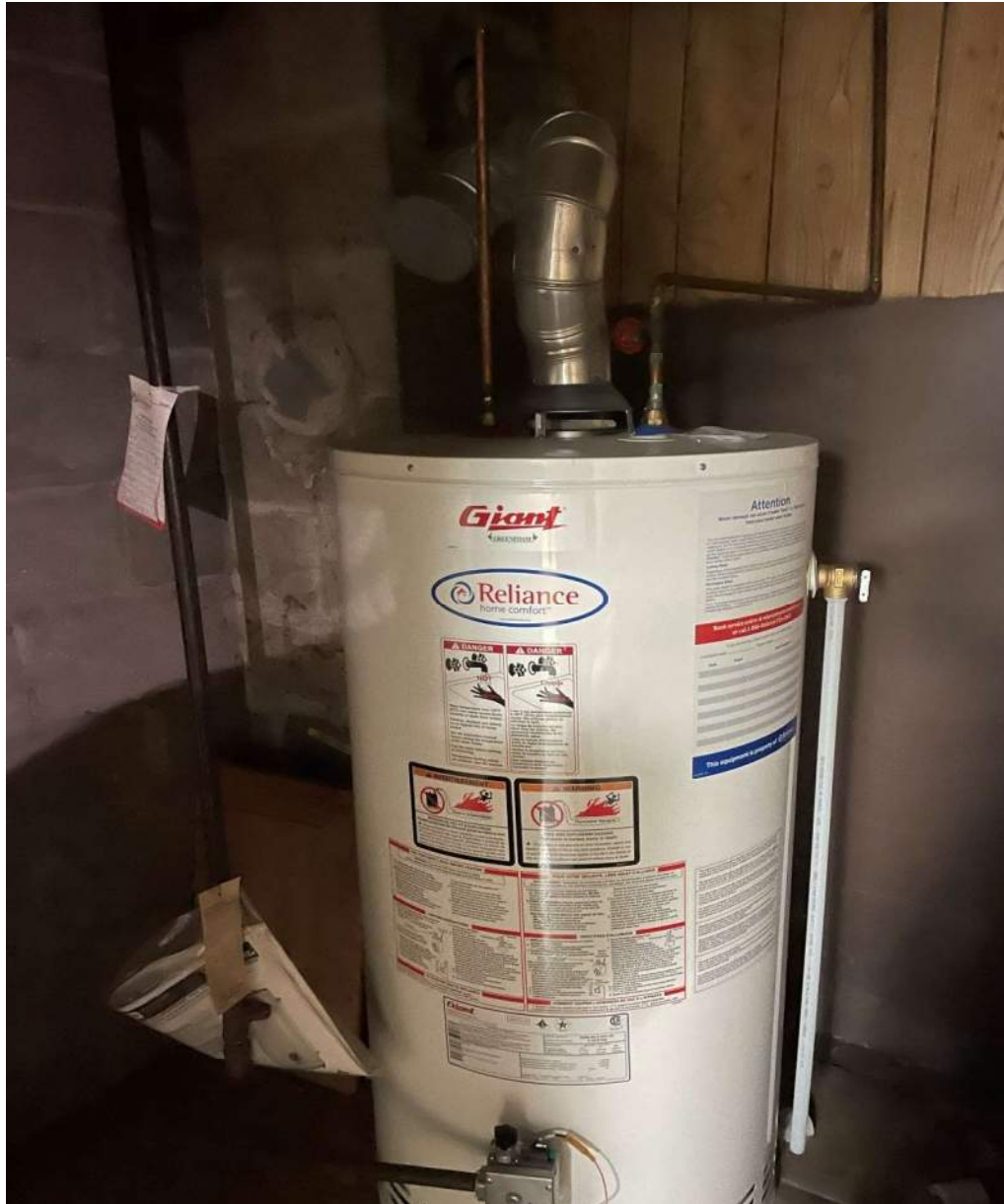
Description:
View of the
laundry sink in the
basement of 127
Ardagh Road.



PHOTOGRAPH
38

(GEI, 2024)

Description:
View of the hot
water tank in the
basement of 127
Ardagh Road.





PHOTOGRAPH
39

(GEI, 2024)

Description:
View of the shed
attached to the
building of 127
Ardagh Road,
picture facing
west.



PHOTOGRAPH
40

(GEI, 2024)

Description:
View of the leak in
the shed of 127
Ardagh Road,
picture facing
west.