Phase I Environmental Site Assessment

Part Lot 23, Concession 7, Town of Erin (Hillsburgh), Ontario

Submitted to:
Thomasfield Homes Limited
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Submitted by:
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Project No. 2404917

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Table of Contents

Acronyms and Abbreviations

°C	degree Celsius
ANSI	Area of Natural and Scientific Interest
APEC	Area of Potential Environmental Concern
AST	Aboveground Storage Tank
APU	Assessment of Past Uses
BESR	Brownfields Environmental Site Registry
GEI	GEI Consultants Canada Ltd.
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
CPU	Certificate of Property Use
EBR	Environmental Bill of Rights
EC	Electrical Conductivity
ECA	Environmental Compliance Approval
EPA	Environmental Protection Act
ERIS	Environmental Risk Information Services Ltd.
ESA	Environmental Site Assessment
EASR	Environmental Activity and Sector Registry
FIP	Fire Insurance Plan
FOI	Freedom of Information
ha	hectare(s)
m asl	metres above sea level
m bgs	metres below ground surface
MECP	Ministry of Environment, Conservation and Parks
O.Reg. 406/19	Ontario Regulation 406/19
O.Reg. 153/04	Ontario Regulation 153/04
OCPs	Organochlorine pesticides
PAHs	Polycyclic Aromatic Hydrocarbon(s)
PCA	Potentially Contaminating Activity
PCB	Polychlorinated biphenyl
PHC	Petroleum Hydrocarbon(s)
QP_{ESA}	Qualified Person for Environmental Site Assessment
RSC	Record of Site Condition
ROW	Right-of-Way
SAR	Sodium Absorption ratio
SCS	Site Condition Standard
SDS	Safety Data Sheet
SPLP	Synthetic Precipitation Leaching Procedure
TSSA	Technical Standards & Safety Authority
UST	Underground Storage Tank
VOC	Volatile Organic Compound(s)

Executive Summary

GEI Consultants (GEI) was retained by Thomasfield Homes Limited (the Client) to complete a Phase I Environmental Site Assessment (ESA) of the property located within Part Lot 23, Concession 7, Town of Erin (Hillsburgh), Ontario (hereinafter referred to as the "Site"). It is GEI's understanding that the Phase I ESA is required for due diligence purposes to support development approvals 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 (R2016), 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 the developed portion of the community of Hillsburgh in the Town of Erin (Figure 1). The Site occupies an area of 14.15 hectares (35 acres) and is located on Wellington Road 22, approximately 450 m southwest of Trafalgar Road. The Site is currently under agricultural use, and is located in an agricultural, rural residential and forested land use setting. Based on reported information and GEI's historical record search, historically the Site was vacant, undeveloped, and under agricultural use.

Following review of the environmental records as well as other historical and reported information concerning the Site, no sources of potential environmental concern associated with the Site were identified. Based on the findings of the Phase I ESA, potential for environmental impacts or risks to the subject property from on-Site and off-Site sources is considered to be low. Therefore, we recommend no further investigation at this time.

It is recommended that as part of future land development, any unused monitoring or other wells be decommissioned in accordance with Ontario Regulation 903 when these are no longer required to support development approval requirements.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the Site. However, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase I ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions, or identify geologic hazards.

1. Introduction

GEI Consultants Canada Ltd. (GEI) was retained by Thomasfield Homes Limited (the Client), to complete a Phase I Environmental Site Assessment (ESA) of the property located within Part Lot 23, Concession 7, Town of Erin (Hillsburgh), Ontario (hereinafter referred as the "Site").

It is GEI's understanding that the Phase I ESA is required for due diligence purposes to support municipal approvals for a proposed residential development at the Site 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 (R2016), 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 assessment was to identify sources of potential environmental concern associated with the Site.

1.1. Site Location and Description

The Site is located south of the developed portion of the community of Hillsburgh in the Town of Erin (Figure 1). The Site occupies an area of 14.15 hectares (35 acres) and is located on Wellington Road 22, approximately 450 m southwest of Trafalgar Road. The property is described as Part of Lot 23, Concession 7, Town of Erin (Hillsburgh). The Site is bounded on the south side by Wellington Road 22 and surrounding properties appear to generally be under agricultural use (south, north and west of Site), forested lands (south and east of Site) and rural residential land use (west, south and east of the Site). Credit River (Erin Branch) is approximately 150 m northeast of the eastern boundary of the Site. Currently and historically the Site has been under agricultural use. An aerial view of the of the Site and neighbouring properties is provided in Figure 2.

According to the Town of Erin Comprehensive Zoning By-law 07-67 (January 2023), the Site presently carries a zoning designation of Future Development (FD). Adjacent lands carry zoning designations as follows: residential (R) to the northwest, environmental protection (EP1) to the east, agricultural to the south and west.

1.2. Phase I Study Area Determination

The Site is located south of the developed portion of the community of Hillsburgh in the Town of Erin (Figure 1). For the purposes of this assignment, the Phase I Study Area consisted of the subject property and neighbouring lands within a 250 m radius from the property boundaries.

The surrounding properties within the Phase I Study Area consist predominantly of agricultural, rural residential properties and forested lands.

Based on GEI's historical record search, the Site has been under agricultural use and remained vacant and undeveloped until present day. An aerial view of the layout of the Site is provided in Figure 2.

A more detailed discussion of the Site's history based on the available historical records and reported information is provided in the following sections.

No natural waterbody was identified on Site during the Site reconnaissance.

2. Scope of Investigation

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

- Reviewing the historical occupancy of the Site through the use of available archives and relevant municipal and business directories and Fire Insurance Plans (FIPs) (where available), topographical maps, and aerial photographs;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available;
- Obtaining an Environmental Risk Information Services (ERIS) report for the Site and surrounding properties;
- Reviewing available geological maps, well records and utility maps (where available) for the vicinity of the Site;
- Reviewing available reports previously completed for the Site;
- Conducting interviews with designated Site representative(s) as a resource for current and historical Site information, as well as to provide GEI staff with unrestricted access to all areas of the Site;
- Conducting a Site reconnaissance in order to identify any land use practices that may have impacted the environmental condition of the Site;
- 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,
- 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 Ms. Joanna Olesiuk. M. A. Sc., C. Tech., P. Geo. (Limited) and Mr. Matthew Long, M. Eng., P. Eng. An outline of their qualifications is provided in Appendix B.

3. Records Review

3.1. Fire Insurance Plans (FIPs)

Fire Insurance Plan (FIP) and fire insurance report search was requested for the Site through ERIS. As reported by OPTA Information Intelligence, based on the results of the search, no FIPs or fire insurance reports were available for the Site (Opta Intelligence Services 2024).

3.2. Chain of Title

The Site is currently owned by Thomasfield Homes Limited, who acquired the property on November 4, 2005, via transfer from Lila Bernice Barden. The subject property has been owned by members of the Barden family since December 3, 1986. Based on this limited title information, nature of property use (i.e. agricultural and vacant) and historical records available from other sources, a full historical title search was not requested for the property.

3.3. Environmental Reports

A request was made to the Client for previous environmental reports relevant to the Site. There were no previous Environmental Site Assessment reports pertaining to the subject property available for review.

However, a 2015 Preliminary Geotechnical Investigation report prepared by V. A. Wood (Guelph) Incorporated was available for review. The geotechnical investigation was conducted in 2015 and comprised the drilling of six (6) boreholes to depths ranging from 4.9 mbgs to 6.6 mbgs.

The soils encountered during the drilling investigation were generally stiff or compact to about 2.5 to 3 mbgs and then hard or very dense at greater depths. The boreholes were all remarked to be “dry and open to the full depth” at the time of completion. Generally speaking, the stratigraphic sequence of the soil materials on Site was described as follows:

- Topsoil, typically 0.3 m thick, overlying,
- Silt (sandy to clayey), approximately 4.5 m to 6 m thick, overlying,
- Clayey Silt Till.

A sand layer containing minimal silt and/or clay was recorded in borehole 2 (the northeastern portion of Site), occupying the interval from 2.3 to 3.1 mbgs.

Based on the review of the Geotechnical investigation borehole logs, there were no suspect soils or deleterious fill material reported at the borehole locations drilled as part of the 2015 Geotechnical Investigation.

In 2016, GEI (formerly GM BluePlan Engineering Ltd.) completed a subsurface investigation as part of a Hydrogeological Study at the subject property. The subsurface investigation comprised the drilling of 6 boreholes ranging from 8 mbgs (MW-01) to 14.3 mbgs (MW-05). A monitoring well was installed in each borehole.

The stratigraphic sequence of the soils encountered during the hydrogeological subsurface investigation was as follows:

- Topsoil (typically about approximately 0.3 m thick), overlying,
- Silt, approximately 2.5 m to 6 m thick, overlying,
- Upper Till (candy Silt to clayey Silt), approximately 4.5 m to 6 m thick, overlying,
- Gravel and Sand to Sand and Silt, overlying,
- Lower Till (clayey Silt).

Based on the review of the borehole logs, there were no suspect soils or deleterious fill material reported at the borehole locations drilled as part of the 2016 subsurface investigation.

3.4. Environmental Source Information

3.4.1. ERIS Report

The Environmental Risk Information Services environmental database report (ERIS Report) provides the results of a search of records of numerous environmental information databases regarding the area within 250 m from the property boundaries. GEI has confirmed neither the completeness nor the accuracy of the records that were provided. Taken together, the databases provide records concerning a broad range of activities, including but not limited to manufacturing facilities, waste disposal sites, fuel storage tank installations, water well information, spill records, regulatory reporting and registration of waste and pollutant generation, environmental orders, and convictions, among others. A copy of the ERIS Report is included in Appendix C.

The pertinent findings for the Site and surrounding properties from the review of the ERIS report are discussed below.

3.4.1.1. Site

One (1) record was identified in the ERIS report that is attributed to the subject Site. The record is in the Water Well Information System database, Well Record No. 7272548, and it is for the drilling of monitoring wells which were installed at the Site in 2016 as part of the Hydrogeological Study completed by GEI. (then GM BluePlan Engineering Limited).

3.4.1.2. Study Area

A total of 28 off-site records were returned by the ERIS report for the properties within 250 m Study Area; the majority of the records were from the Water Well Information System database (16 off-Site records) and ERIS historical searches database (11 records). A summary of off-Site records is included in Table 3-1.

Table 3-1. Summary of ERIS Records Within 250 m Study Area

Database Name	Number of Records (Total)	Number of Records (Upgradient of the Site)
Borehole	1	0
ERIS Historical Searches	11	1
Ontario Spills	1	0
Water Well Information System	16	2

Upon review, based on the nature of the identified records, these have been determined to be of no environmental significance to the Site and so these records are not discussed in detail herein. The details of all identified records are presented in the ERIS report (Appendix C).

With respect to the identified record in the Ontario Spills database, this record pertains to a reported elevated sediment levels (suspended solids/sand/silt) in West Credit River in the vicinity of the Site due to a berm/dyke failure on September 21, 2017. Based on the reported nature of this spill incident, it is not considered to be a source of environmental impact or risk to the subject Site.

3.4.2. Municipal City Directories

Based on historical aerial photographs, the Site and neighbouring properties were historically and are presently under agricultural and rural residential use, therefore, City Directory records search was not requested for the Site.

3.4.3. Ontario Ministry of the Environment, Conservation and Parks (MECP) Records

3.4.3.1. MECP Freedom of Information (FOI) Records Request

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 18, 2024. The request is included in Appendix D. Based on a response received from the MECP FOI office on July 10, 2024, no records pertaining to the subject property were available for review (Appendix D).

3.4.3.2. MECP Registries and Approvals Databases

The ERIS report included a search of several MECP records 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.

There were no records identified for the Site or for the properties in the Study Area in the MECP databases searched by ERIS.

3.4.3.3. MECP Record of Site Condition Database

A Record of Site Condition (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, a risk assessment and/or remediation (as required) in accordance Ontario Regulation 153/04 (as amended). 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 concerns.

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

3.4.3.4. MECP Waste Disposal Site Inventory

A search of the MECP's 1991 Waste Disposal Site Inventory did not identify active or closed waste disposal sites located within 1 km of the subject Site. One (1) closed and one (1) active waste disposal site (at the time of issue of the 1991 MECP Inventory document) were identified approximately 6 km southeast of the Site.

Based on the separation distance, these existing active and closed landfill sites are not considered to be a source of environmental impact or risk to the subject property. A transcribed excerpt of the relevant section of the Waste Disposal Site Inventory document is provided in Appendix D.

3.4.4. Technical Standards and Safety Authority (TSSA)

A TSSA Fuel Safety Division Database search was conducted via direct e-mail request through TSSA Public Information Services on June 18 and 19, 2024. The database search was conducted to identify records for aboveground or underground fuel storage tanks attributed to the subject property and the following neighbouring properties:

- 9354 Wellington Road 22
- 9364 Wellington Road 22
- 9366 Wellington Road 22
- 9368 Wellington Road 22
- 9367 Wellington Road 22
- 9357 Wellington Road 22
- 9339 Wellington Road 22
- 9343 Wellington Road 22
- 9335 Wellington Road 22
- 9313 Wellington Road 22
- 9333 Wellington Road 22
- 9322 Wellington Road 22
- 14 Station Street
- 5770 Trafalgar Road
- 5728 Trafalgar Road
- 5746 Trafalgar Road

The TSSA records search returned no records found in the current TSSA database for the subject Site and the above listed neighbouring properties. A copy of the response from the TSSA is included in Appendix D.

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 and surrounding properties. Aerial photographs were obtained from the following sources:

- National Air Photo Library (NAPL) through ERIS (1978, 1980 and 1990)
- Grand River Conservation Authority (GRCA) via the GRCA Web Map service (1954, 2000, 2010, 2020)

The development and land use history of the Site and surrounding properties as depicted on the reviewed aerial photographs is summarized in Table 3-2. Copies of the aerial photographs are included in Appendix E.

Table 3-2. Aerial Photograph Observations

Year	Observations
1954	• The Site appears to be under agricultural use (i.e., cropland). No buildings or orchards are apparent on the Site. • The land use throughout the domain of the photograph is generally agricultural (i.e., cropland) and forested lands with residential/commercial development, further north and east of the Site, within the developed portion of the Town of Hillsburgh. • Wellington Road 22 appears to have been developed as a roadway. • What appears as a railway right-of-way traverses the neighbouring property to the north, approximately 300 m north of the subject Site.
1978, 1980 and 1990	• No significant changes in land use of the subject property are apparent relative to the 1954 photograph. The property appears to be under agricultural use. • The adjacent property to the southwest (the severed residential lot), appears to have been developed with what appears to be a private residence by 1978. • Neighbouring properties are under agricultural use. The adjacent property to the north, has been developed with what appears to be a private residence by 1978. Rural residential development is apparent on properties further to the south/southwest.
2000, 2010 and 2020	• No significant changes to the Site since 1990 photograph. The property remains under agricultural use. • Additional residential development is apparent to the east, and further to the south/southwest of the subject Site.

3.5.2. Topography, Hydrology and Geology

According to topographic maps available through Atlas Canada (Natural Resources Canada 2016), the central portion of the Site features a minor local ridge which rises approximately up to 10 to 12 m above the ground surface at the eastern, western, and southern site boundaries. As such, runoff drainage on the Site is anticipated be toward the eastern, western, and southern portions of the Site.

Compared to the adjacent properties, the Site is higher in elevation along the southerly, easterly and northerly property boundaries.

The Site is located approximately 1 km northwest of the confluence of two local watercourses which flow generally to the south/southeast: these watercourses are the Credit River (Erin Branch), which is located approximately 150 m northeast of the Site and an intermittent tributary thereto, which is located approximately 680 m south of the Site.

Topographic maps (NRC 2016) indicate that the slope of lands adjacent to the Site vary considerably, with average slopes of up to 13% between the eastern Site boundary and the Credit River (Erin Branch); average slopes to the south are approximately 4% between the southern Site boundary and the aforementioned confluence.

The site is located at the boundary between the physiographic regions known as the Guelph Drumlin Field (the southern portion of the Site) and the Hillsburgh Sandhills (the northern portion of the Site) (Figure 3a). The Hillsburgh Sandhills are characterized by knobby, rough, hilly terrain with low-lying swampy areas (Chapman and Putnam 1984). Sandy surficial materials are prevalent in the region (Chapman and Putnam 1984). In the Guelph Drumlin Field, local soils generally consist of stony tills and deep gravel terraces typical of drumlins and melt water spillways. In this region, natural gravel deposits tend to be overlain with a layer of silty loam (Chapman and Putnam 1984). In terms of physiographic landforms, the Site lies on a Spillways feature with drumlinized till plains located to the east and south of the Site at distances of approximately 1,000 m and 800 m, respectively (Chapman and Putnam 2007). The physiography of the Site is illustrated in Figures 3a and 3b.

The surficial materials underlying the Site, are glacial tills of sandy-silty texture (Port Stanley Till) while adjacent to the east and northwest sides of the site are ice-contact stratified drift deposits, consisting predominantly of sand and gravel (Ontario Geological Survey 2010). East of the Site, at a distance of approximately 150 to 200 m, is a band of organic deposits approximately 150 to 250 m wide: this band is oriented lengthwise in a northwest-southeast direction and roughly coincides with the flood limits of the Credit River (Erin Branch) tributary (Corporation of the Town of Erin 2014; Ontario Geological Survey 2010). Review of well records from lands adjacent to the Site corroborates the general distribution of surficial materials as indicated in the mapping provided by the Ontario Geological Survey. The distribution of surficial geological materials is presented in Figure 4.

Shallow groundwater flow often correlates to topographical features and groundwater typically flows towards nearby lakes, streams, and wetland areas, except where modified by service trenches. Based on the topography and the location of the Site between two tributaries and just north of their confluence to form the Credit River (Erin Branch), it is inferred that the shallow groundwater flow in the vicinity of the Site is generally toward the south. While the shallow groundwater flow is inferred for the Site and the vicinity, an accurate assessment of the shallow groundwater flow direction requires the installation of groundwater monitoring wells and water level measurements. Such installations and measurements have been completed as part of the Hydrogeological Study at the Site (GM BluePlan 2023). Based on the groundwater levels recorded on September 26, 2016, it is inferred that the general direction of groundwater flow is northeasterly and southerly. The measurements indicate that the Site features a local groundwater divide, the axis of which falls roughly along the northeasterly portion of the property (parallel to the northeasterly property line). Groundwater west of this axis tends to flow in a southerly direction while groundwater east of this axis tends to flow east to northeast, toward the Credit River (Erin Branch).

Bedrock beneath the Site is understood to be of the Guelph and Amabel formations, both of which are largely composed of sedimentary rock such as sandstone, shale, dolostone, and siltstone (Ontario Geological Survey 2011). According to well records attributed to water wells near the Site, the depth to bedrock beneath the Site is inferred to be between 11.9 mbgs (Well ID 6705153) and 37.5 mbgs (Well ID 6705975). MECP well record 6705153 indicates that this well is located on the west side of the Site, approximately 120 m (400') northwest of Wellington Road 22; MECP well record 6705975 is located at 9354 Wellington Road 22, potentially within several metres of the southwestern property line of the Site.

3.5.3. Water Bodies and Areas of Natural Significance

There are no natural water bodies on or within 30 meters of the Site boundaries. Credit River (Erin Branch) is situated approximately 400 m north of the Site.

Based on the review of available resources from Ministry of Natural Resources and Forestry (MNRF) on June 14, 2024, no areas of natural significance were identified at the Site or within 30 m of the Site.

3.5.4. Well Records

3.5.4.1. Water Wells

A search of MECP's water well database was conducted to identify water wells within the Site and Phase I Study Area. A summary of wells within the Study Area is included in the ERIS report (Appendix C).

One (1) record was identified for the Site in the Water Well Information System database (Well Record No. 7272548) and it is for the installation of six monitoring wells which were drilled at the Site in 2016, as part of the previous Hydrogeological Study completed at the Site by GM BluePlan.

From the review of available MECP well records in the Site vicinity, the overburden soils in the Study Area are reported to consist of clay with cobbles, clay, sand and gravel, gravel, gravel with sand, gravel with cobbles underlain by clay, clay with cobbles, gravel, sand and gravel and sand.

3.5.4.2. Oil and Gas Wells

A search of the Ontario Oil and Gas Wells (OOGW) and Oil and Gas Wells (OGWE) was completed by ERIS to identify oil and gas wells on and in the vicinity of the Site (report dated June 11, 2024). No records of oil and gas wells were located at the Site or within the Phase I Study Area.

3.6. Site Operating Records

ln 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; Safety Data Sheets (SDS) for chemicals that are 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.

In this case, there were no Site operating records available for review.

4. Interviews

An interview was conducted by GEI with an individual identified to be knowledgeable about both the current and historical Site uses. The interview was conducted via email utilizing a site-specific Phase I ESA questionnaire in order to obtain information to assist in identifying details of history of the Site, potentially contaminating activities, potential contaminant pathways in, on, or below the Site, and sources of potential environmental concern. Information provided during the interview is presented alongside information from the Site reconnaissance in Section 5 and throughout the report, as applicable.

As part of this Phase I ESA, the current property owner representative Mr. Tom McLauglin of Thomasfield Homes Limited, was interviewed, and pertinent information gathered from the interview with Mr. McLauglin has been utilized in preparation of this report, as applicable.

5. Site Reconnaissance

5.1. General Requirements

The Phase I ESA Site reconnaissance was conducted on June 13, 2024 between 11:00 am and 1:00 pm by Ms. Joanna Olesiuk, M. A. Sc., C. Tech., P. Geo. (Limited) of GEI. On the day of the Site reconnaissance, the weather was sunny, approximately 25°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 F.

5.2. Specific Observations at Phase I ESA Property

5.2.1. Site Description and Buildings

The subject property is located on the north side of Wellington Road 22, approximately 450 m southwest of Wellington Road 22 and Trafalgar Road intersection, just outside of the developed portion of the Town of Hillsburgh, Ontario, as shown in Figure 1. The property is roughly rectangular in shape, with a portion of this property, fronting onto Wellington Road 22, severed from the Site several years ago for a residential dwelling. The property measures approximately 14.15 hectares (35 acres) in total area.

Historically, as observed on reviewed aerial photography and as reported by Mr. McLaughlin, the property has been under agricultural use, with no commercial or industrial uses reported on the property. Currently, the property is under agricultural use, planted with soybean crop. There are no buildings on Site, and no buildings were reported to be located at the property in the past. The property is bound to the east and north by forested lands, a treed hedgerow and agricultural property to the west, Wellington Road 22 and rural residential and forested lands to the south. Figure 2 shows the layout of the property and portions of adjacent properties.

Mr. McLaughlin reported no knowledge of fill importation, presence of buried waste or illegal dumping on the subject property, as well as no previous or current presence of fuel or other chemical storage tanks, or previous presence of buildings or other structures.

Six (6) monitoring wells are present at the property, which were installed as part of previous hydrogeological study by GEI. There were no water supply wells observed at the time of the site visit.

5.2.2. Fuel Tanks

The presence/absence and condition (if present) of USTs and ASTs at the Site was assessed during the Site reconnaissance. GEI did not observe the presence of any USTs (fill/vent pipes, access ports) or ASTs in areas observed at the time of the Site reconnaissance.

5.2.3. Watercourse, Ditches or Standing Water

There were no watercourses, ditches or standing water observed at the time of the Site reconnaissance on Site. The property is higher in elevation than the adjoining right-of-way, with a grassed swale along Wellington Road 22.

5.2.4. Areas of Stained Soil, Pavement or Stressed Vegetation

There was no evidence of stressed vegetation or soil staining noted at the time of the site visit in areas visited as part of the reconnaissance. No evidence of refuse or refuse burning was noted at the time of the site visit in the areas that were visited and visually inspected.

5.2.5. Fill and Debris

There was no obvious evidence of imported fill at the property, and no apparent evidence of illegal dumping or debris placement was noted on the Site or along visited property boundaries.

5.2.6. Air Emissions

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

5.2.7. Hazardous Building Materials and Designated Substances

Historically there have been a variety of materials that were once used commonly in building construction but have since been found to be hazardous, resulting in the discontinuation or increased regulation of the use of those materials.

These materials include:

- Asbestos-Containing Materials (ACMs)
    - Typically used in high heat insulating applications (e.g., boiler pipes) or as a component in flooring and other building materials. Asbestos was found to pose a risk to human health (i.e., carcinogenic).
    - ACM use was discontinued in 1985.

- Urea Formaldehyde Foam Insulation (UFFI)
    - Used as insultation in wall-cavities during the 1970s. With exposure to air, damage or moisture, UFFI may potentially release formaldehyde vapour, which can cause various adverse health effects.
    - UFFI use was discontinued in 1980.
- Leaded Paint
    - Lead was used as an additive in paints prior to 1960 to improve workability and durability. Where leaded paint is in poor condition and flaking or wearing, it may pose a human health risk due to increased potential exposure to lead.
    - Lead content in paint has been strictly regulated since 1976 and Canadian paint manufacturers have voluntarily discontinued the production of interior paint with added lead. Exterior paint containing lead carries a warning label.
- Ozone Depleting Substances (ODS)
    - Certain compounds (e.g., chlorofluorocarbons, hydrochlorofluorocarbons, halons) used as refrigerants or in the manufacture of rigid foam products have the potential react with ozone and thus deplete the ozone layer.
    - Use of these ODS chemicals was generally discontinued in the mid-1990s.
- Polychlorinated Biphenyls (PCBs)
    - PCBs were used as an additive to improve the performance of dielectric fluid in electrical components (e.g., transformers, fluorescent lamp ballasts).
    - PCBs are toxic compounds and are generally resistant to degradation in environmental conditions. PCB releases can therefore potentially lead to long-lasting environmental impacts.
    - Current legislation, enacted in 1980, prohibits the manufacture and sale of new equipment containing PCBs.

Most of these materials are considered to pose a risk to industrial hygiene or occupational health rather than be the source of impact to environmental media (i.e., soil, sediment or groundwater). PCBs, being in liquid phase, may be a potential concern for impacts to environmental media but there is no evidence of PCB use or storage on-Site as the site is vacant of structures.

There are currently no structures located on the subject property, therefore impacts from the ACMs, UFFI, ODSs, PCBs or leaded paint are not expected. No structures were reported to be located on the subject property in the past.

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. Table 5-1 provides a summary of observations of the adjacent and other nearby properties.

Table 5-1. Adjacent and Surrounding Properties Uses

Location of Adjoining Properties	Property Use
North	Agricultural and forested lands
East	Forested lands
South	Wellington Road 22 right-of-way, rural residential and forested lands
West	Rural residential and agricultural lands

No potential environmental concerns were identified at the neighbouring properties.

5.4. Written Description of Investigation

A desktop study and reconnaissance of the Site was conducted by GEI to identify potential and/or actual environmental concerns or risks of environmental impacts at the Site which may have resulted from current and/or historical land uses on the Site or on other nearby lands. Access was provided to the entire Site by the owner. 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 visual observation of neighbouring 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. Summary of Findings

This Phase I Environmental Site Assessment was conducted with regard to the property located at Part Lot 23, Concession 7 in the Town of Erin (Hillsburgh), Ontario. The Phase I ESA considered a Study Area comprising the Site and the area within 250 m from the property boundaries.

The findings of the Phase I ESA are summarized as follows:

- The Site is approximately 14.15 ha (35 ac) in size and is located in an agricultural, rural residential and forested land use setting. The property is currently under agricultural use (soyabean crop) and is currently vacant of structures.
- The current Owner purchased the property in November 2005. Prior to current ownership, based on recent title history, the property appears to have been owned by members of the Barden family (records until 1986).
- As reported by the current Owner and based on review of historical aerial photographs dating back to 1954, the historical use of the property has been for agricultural purposes. The current property Owner reported that the subject property has not been used for industrial or commercial purposes in the past. The Owner also reported that there has been no buildings on the subject property in the past.
- Neighbouring properties have also historically been and currently are primarily under agricultural use, with rural residential use properties to the east and south of the subject property.
- Central portion of the Site features a minor local ridge which rises approximately up to 10 to 12 m above the ground surface at the eastern, western, and southern Site boundaries. As such, runoff drainage on the Site is anticipated be toward the eastern, western, and southern portions of the Site.
- The Site is located at the boundary between the physiographic regions known as the Guelph Drumlin Field (the southern portion of the Site) and the Hillsburgh Sandhills (the northern portion of the Site). Local soils are reported generally to consist of stony tills, deep gravel terraces and sandy surficial soils in these physiographic regions. Natural gravel deposits tend to be overlain with a silty loam in this region.
- The surficial geology of the Site consists of glacial tills of sandy-silty texture (Port Stanley Till) while adjacent to the east and northwest sides of the Site are stratified drift deposits, consisting predominantly of sand and gravel.
- No active or closed waste disposal sites on record with the MECP were identified on, or in the vicinity of the subject property. Nearest closed and active waste disposal site were identified to be located approximately 6 km from the subject property.
- Site reconnaissance corroborated that the subject property and adjacent properties were under agricultural and rural residential use and there were no structures observed on the subject property.

- No evidence of on-Site fuel or chemical storage tanks was observed at the time of the site visit, and the current Owner reported no knowledge of fuel or other chemical storage tanks on the subject property in the past.
- No evidence of fill importation, stressed vegetation, illegal dumping, debris or surface soil staining was observed in areas visited and observed during the site visit.

7. Conclusions and Recommendations

This Phase I Environmental Site Assessment (ESA) was completed to identify potential and/or actual environmental concerns associated with the Site resulting from land use activities, whether current or historical and whether those occurred on-Site or on nearby lands.

It is our understanding that this Phase I ESA is being completed as due diligence to support proposed residential development approval requirements and that it is not intended to support obtaining a Record of Site Condition ("RSC") per Ontario Regulation (O. Reg.) 153/04, as amended.

It is recommended that as part of future land development, any unused monitoring or other wells be decommissioned in accordance with Ontario Regulation 903 when these are no longer required to support proposed development approval requirements.

Following review of the environmental records and other historical information concerning the Site, no sources of potential environmental concern were identified.

Based on the findings of the Phase I ESA, potential for environmental impacts or risks to the subject property from on-Site and off-Site sources is considered to be low.

Therefore, we recommend no further investigation at this time.

7.1. Closure

This Phase I ESA was conducted in general accordance with the CSA Standard Z768-01 (R2016), 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 GEI can be of any further assistance, please do not hesitate to contact the undersigned.

Yours truly,

GEI Consultants Canada Ltd.

Prepared By:

Joanna Olesiuk, M. A. Sc., C. Tech., P. Geo.
(Limited) Senior Technical Specialist

Reviewed By:

Mathew Long, M. Eng., P. Eng.
Senior Project Engineer

8. References

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2. Chapman, L.J. and Putnam, D.F. 1984. The Physiography of Southern Ontario. 3rd Edition. Ontario Geological Survey, Volume 2
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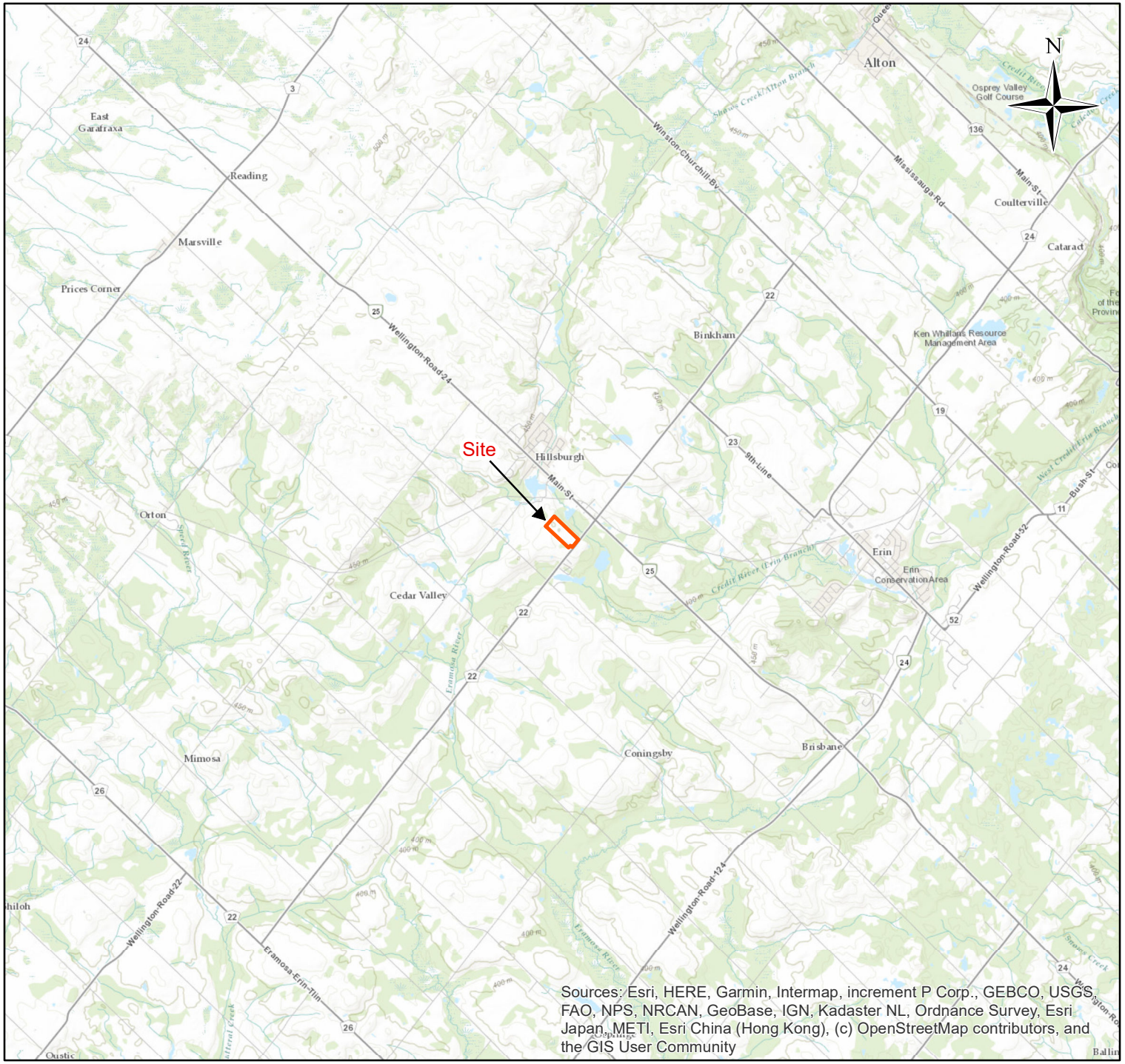
Figures



Project: 2404917
Phase I ESA

Thomasfield Homes Ltd.

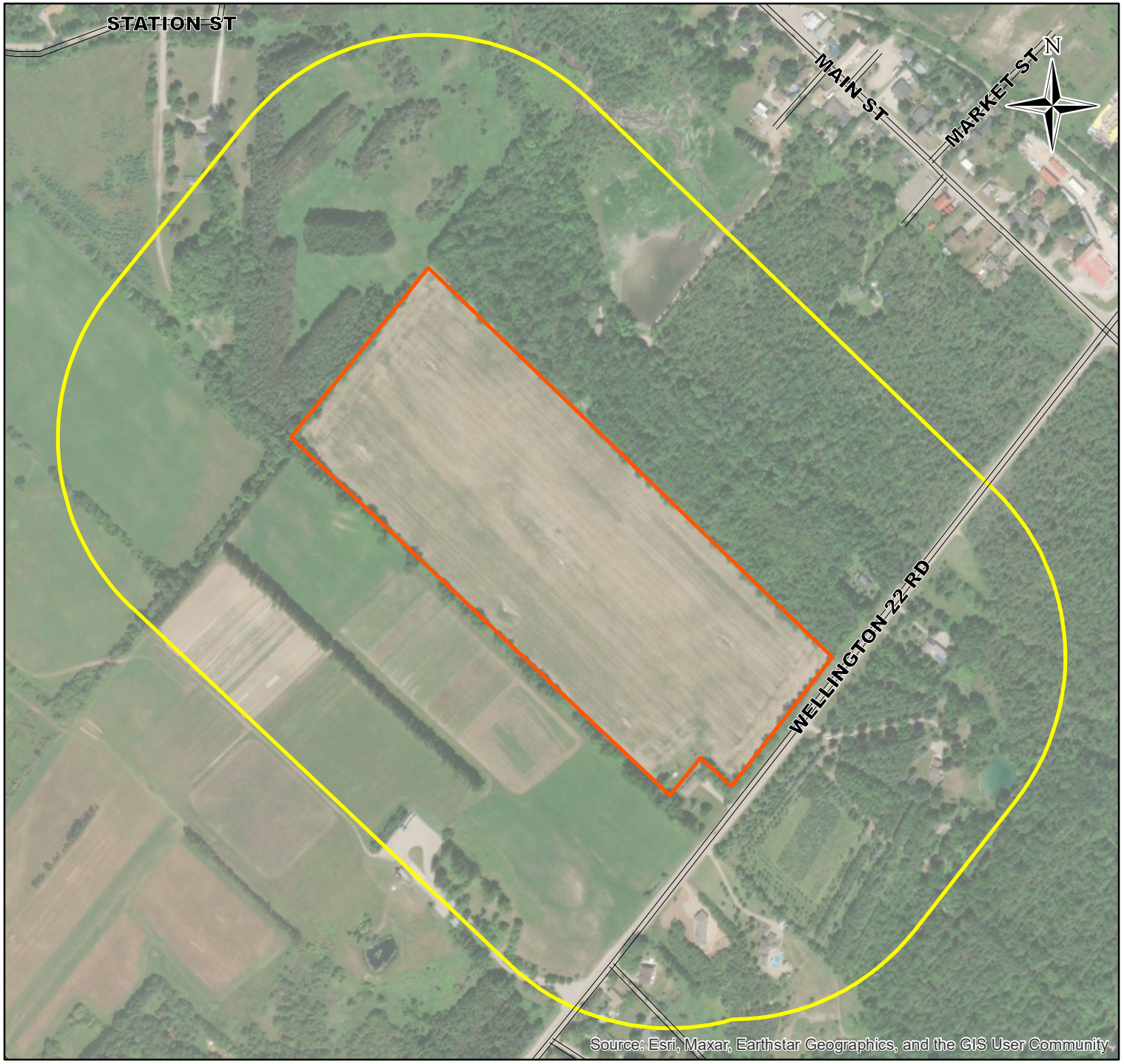
Part of Lot 23,
Concession 7,
Town of Erin (Hillsburgh)

Site Boundary (approx.)

Scale: 1: 100,000
June 2024

Figure 1:
Site Location

GEI Consultants



Project: 2404917
Phase I ESA

Thomasfield Homes Ltd.

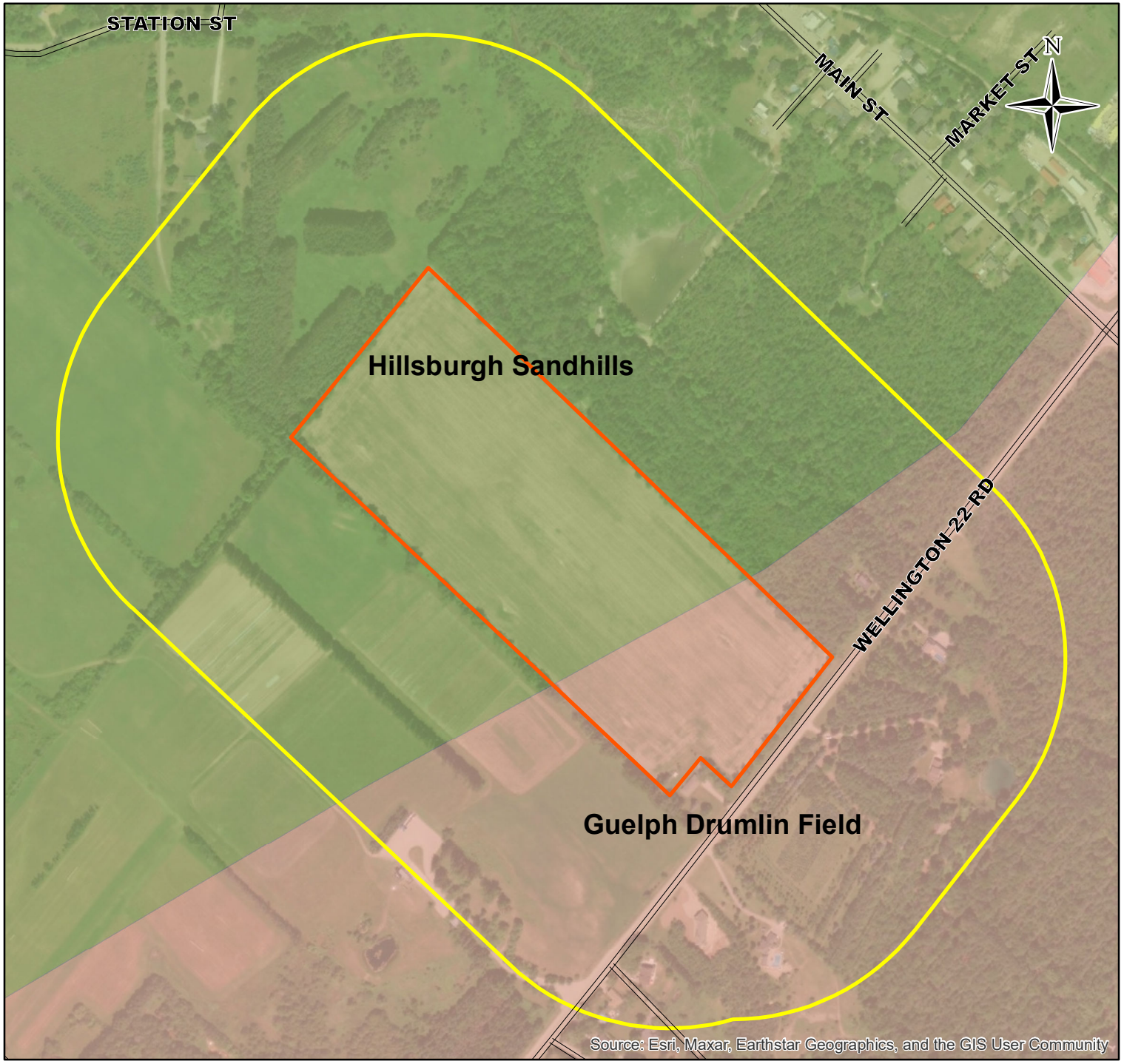
Part of Lot 23,
Concession 7,
Town of Erin (Hillsburgh)

Roads
Site Boundary (approx.)
Study Area (250m)

Scale: 1: 6,000
June 2024

Figure 2:
Study Area Layout

GEI Consultants



Project: 2404917
Phase I ESA

Thomasfield Homes Ltd.

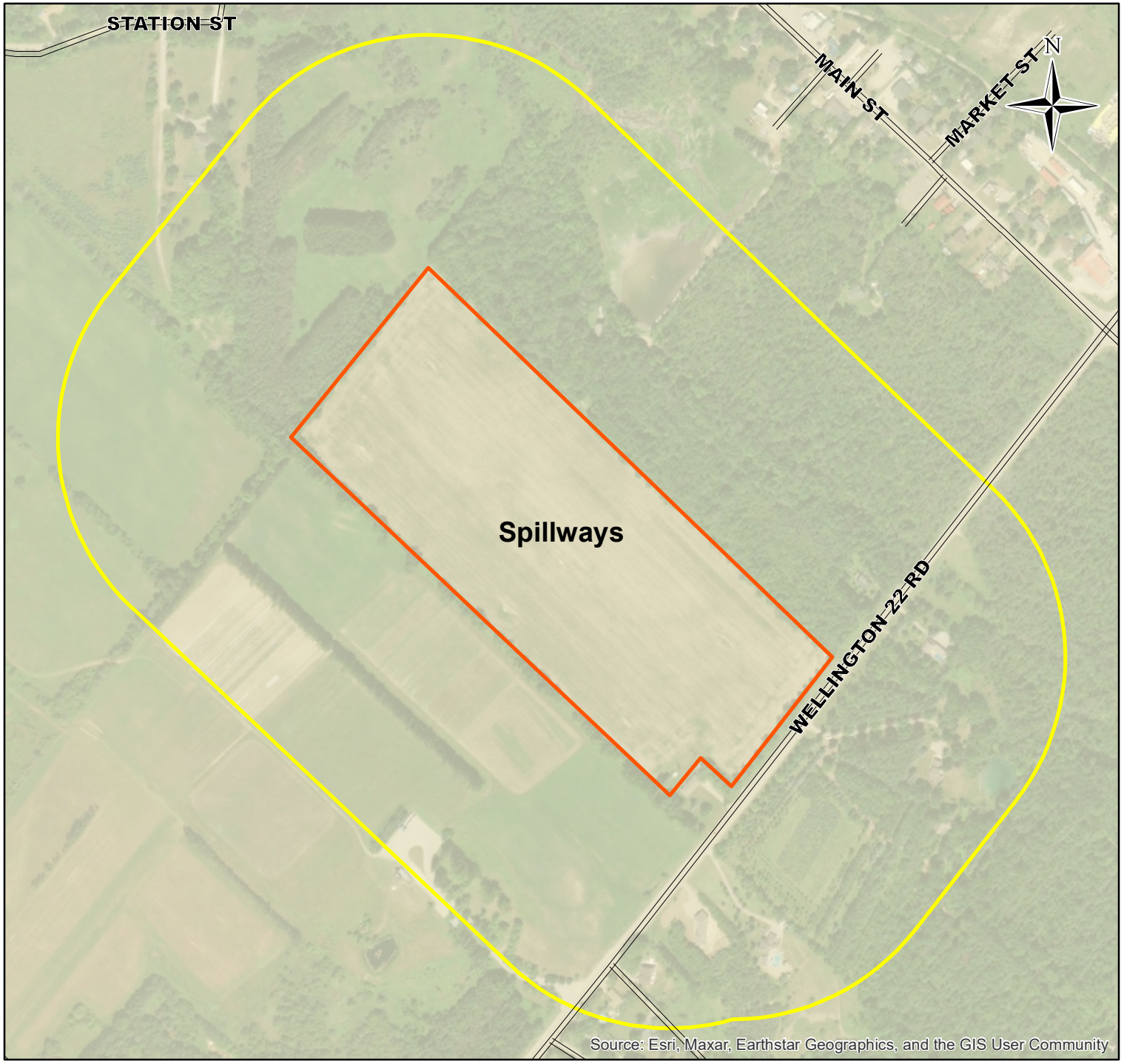
Part of Lot 23,
Concession 7,
Town of Erin (Hillsburgh)

Roads
Site Boundary (approx.)
Study Area (250m)
Physiographic Regions
UNIT, REGION
9, Hillsburgh Sandhills
11, Guelph Drumlin Field

Scale: 1: 6,000
June 2024

Figure 3a:
Physiographic Regions

GEI Consultants



Project: 2404917
Phase I ESA

Thomasfield Homes Ltd.

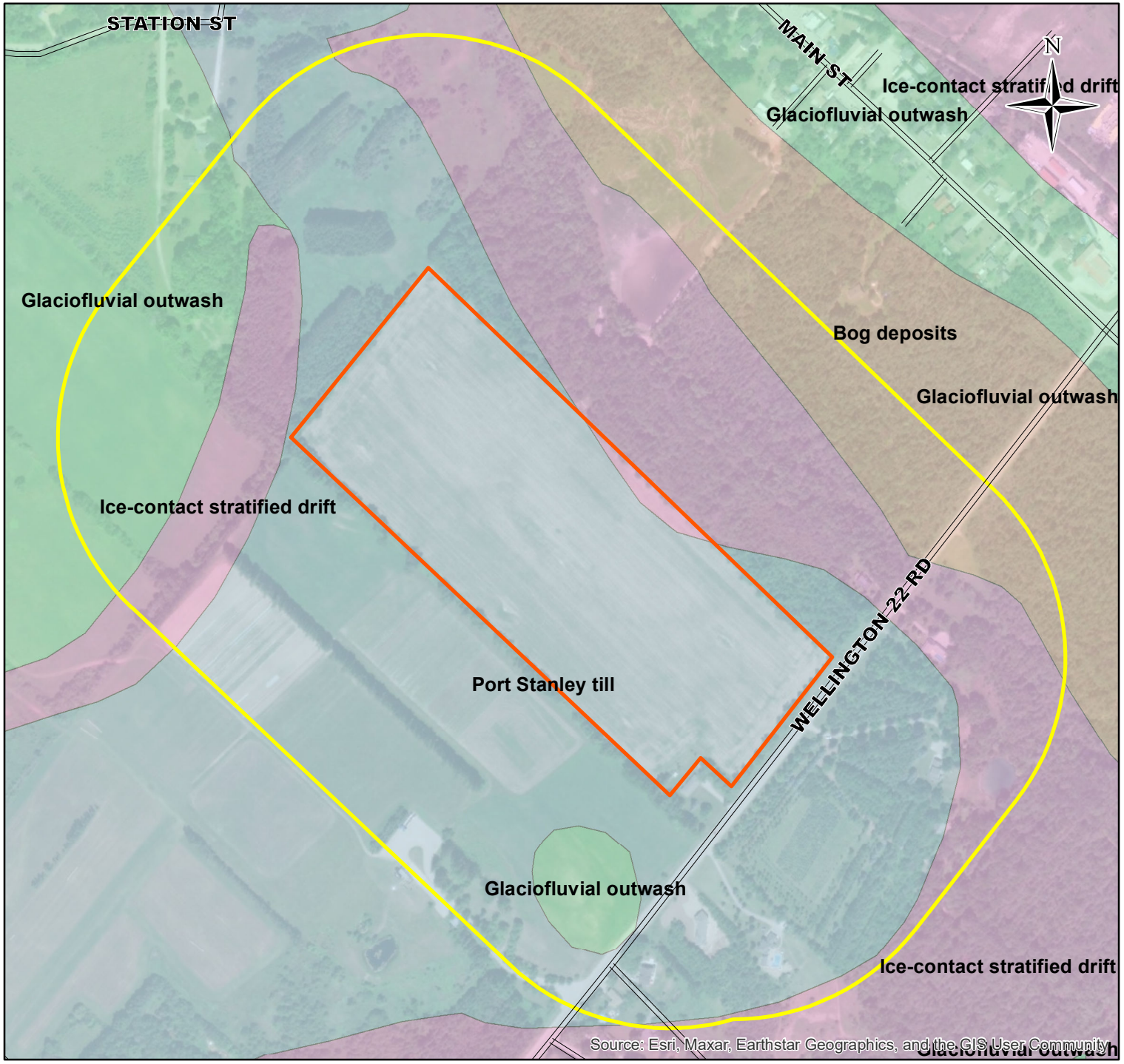
Part of Lot 23,
Concession 7,
Town of Erin (Hillsburgh)

Roads
Site Boundary (approx.)
Study Area (250m)
Physiography of Southern Ontario
Spillways

Scale: 1: 6,000
June 2024

Figure 3b:
Physiographic Landforms

GEI Consultants



Project: 2404917
Phase I ESA

Thomasfield Homes Ltd.

Part of Lot 23,
Concession 7,
Town of Erin (Hillsburgh)

Roads
Site Boundary (approx.)
Study Area (250m)

Surficial Geology of Ontario

Bog deposits
Glaciofluvial outwash
Ice-contact stratified drift
Port Stanley till

Scale: 1: 6,000
June 2024

Figure 4:
Surficial Geology

GEI Consultants

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, guidance from the Canadian Standards Association (CSA) Standard Z768-01 (R2016), and in accordance with generally accepted professional practice.

The objectives of the investigation were 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. Should changes occur which potentially impact the condition of the site the recommendations of GEI may require re-evaluation.

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Appendix B – Qualification of Assessors

Qualifications of Assessors

Joanna Olesiuk, M. A. Sc., C. Tech., P. Geo. (Limited), is a senior technical specialist with a background in environmental science, hydrogeology, and environmental engineering application fields. Ms. Olesiuk has over nineteen years of industry experience conducting field activities, data analysis and reporting for Phase One and Two ESAs for due-diligence and O. Reg. 153/04 RSC projects including site remediation, O. Reg. 406/19 excess soil management investigations, MECP Permits to Take Water, Environmental Compliance Approvals, Environmental Activity and Section Registry projects as well as wide range of hydrogeological assessments to support private sewage and water servicing, subdivision and irrigation approvals.

Matthew Long, M. Eng., P. Eng., is a geo-environmental engineer with over 15 years of experience in geo-environmental engineering investigations. Mr. Long has been involved in planning, conducting field activities, performing data analyses and preparing hydrogeological and Phased ESA reports for numerous projects to support residential and commercial/industrial development and municipal infrastructure planning and design.

Appendix C – ERIS Report

DATABASE REPORT

Project Property:	*Phase One ESA Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON* *Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON* *Hillsburgh ON N0B*
Project No:	*2401061*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*24053100132*
Requested by:	*GM BluePlan Engineering Limited*
Date Completed:	*June 11, 2024*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase One ESA Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON* *Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON Hillsburgh ON N0B*
Project No:	*2401061*

Order Information:

Order No:	*24053100132*
Date Requested:	*May 31, 2024*
Requested by:	*GM BluePlan Engineering Limited*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
ERIS Xplorer	*ERIS Xplorer*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	11	11
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
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	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
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	1	15	16

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
Total:			1	28	29

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 23 con 7 ON ***Well ID:*** 7272548	ESE/0.0	-3.78	18

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		STATION ST. lot 23 con 7 Erin ON ***Well ID:*** 7111993	SSW/2.4	-0.08	18
3	WWIS		lot 23 con 7 ON ***Well ID:*** 6705975	SE/21.3	-3.44	21
4	WWIS		lot 23 con 7 ON ***Well ID:*** 6705153	S/45.3	-3.56	27
5	WWIS		lot 23 con 7 ON ***Well ID:*** 6710551	E/66.3	-24.14	30
6	WWIS		9366 COUNTY RD. 22 lot 23 con 7 Erin ON ***Well ID:*** 7125694	NNE/80.1	-19.76	33
7	BORE		ON	E/80.9	-26.97	39
8	WWIS		lot 22 con 7 ON ***Well ID:*** 6709568	ESE/84.8	-21.29	41
9	SPL	Credit Valley Conservation Authority	9366 Wellington Rd 22 Erin ON	E/105.8	-25.31	45
10	EHS		Hillsburg erin ontario Hillsburgh ON N0B	NNW/121.8	-5.66	45
10	EHS		Hillsburg erin ontario Hillsburgh ON N0B	NNW/121.8	-5.66	46
10	EHS		Hillsburg erin ontario Hillsburgh ON N0B	NNW/121.8	-5.66	46
10	EHS		Hillsburg erin ontario Hillsburgh ON N0B	NNW/121.8	-5.66	46

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	EHS		Hillsburg erin ontario Hillsburgh ON N0B	NNW/121.8	-5.66	46
11	EHS		14 Station St Erin ON	WNW/137.5	-6.07	46
12	WWIS		WELLINGTON lot 23 con 7 HILLSBURGH ON ***Well ID:*** 7307606	SSE/139.5	-5.73	47
13	WWIS		lot 22 con 7 ON ***Well ID:*** 6706342	SSE/147.3	-7.39	54
14	WWIS		lot 22 con 6 ON ***Well ID:*** 6711893	SE/180.2	-10.34	58
15	WWIS		lot 22 con 7 ON ***Well ID:*** 6707864	SSE/197.3	-11.73	62
16	WWIS		lot 24 con 7 ON ***Well ID:*** 6703077	NNW/204.8	-4.00	66
17	WWIS		9322 WELL RD. #22 lot 21 con 7 HILLS BURG ON ***Well ID:*** 6714872	SSW/230.7	-4.42	69
18	WWIS		lot 23 con 7 ON ***Well ID:*** 6708153	S/233.5	-7.73	76
19	EHS		15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	W/233.9	-4.24	80
19	EHS		15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	W/233.9	-4.24	80
19	EHS		15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	W/233.9	-4.24	80

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	EHS		15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	W/233.9	-4.24	80
19	EHS		15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	W/233.9	-4.24	81
20	WWIS		lot 22 con 7 ON ***Well ID:*** 6703623	S/245.0	-10.60	81
21	WWIS		lot 24 con 7 ON ***Well ID:*** 6712960	S/246.5	-8.75	86

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	80.9	7

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 11 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Hillsburg erin ontario Hillsburgh ON N0B	121.8	10
	Hillsburg erin ontario Hillsburgh ON N0B	121.8	10
	Hillsburg erin ontario Hillsburgh ON N0B	121.8	10
	Hillsburg erin ontario Hillsburgh ON N0B	121.8	10
	Hillsburg erin ontario Hillsburgh ON N0B	121.8	10
	14 Station St Erin ON	137.5	11
	15 Station Street, 9322 & 9313 Wellington Road 22	233.9	19

Site	Address	Distance (m)	Map Key
	Hillsburgh ON N0B 1Z0		
	15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	233.9	19
	15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	233.9	19
	15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	233.9	19
	15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0	233.9	19

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Credit Valley Conservation Authority	9366 Wellington Rd 22 Erin ON	105.8	9

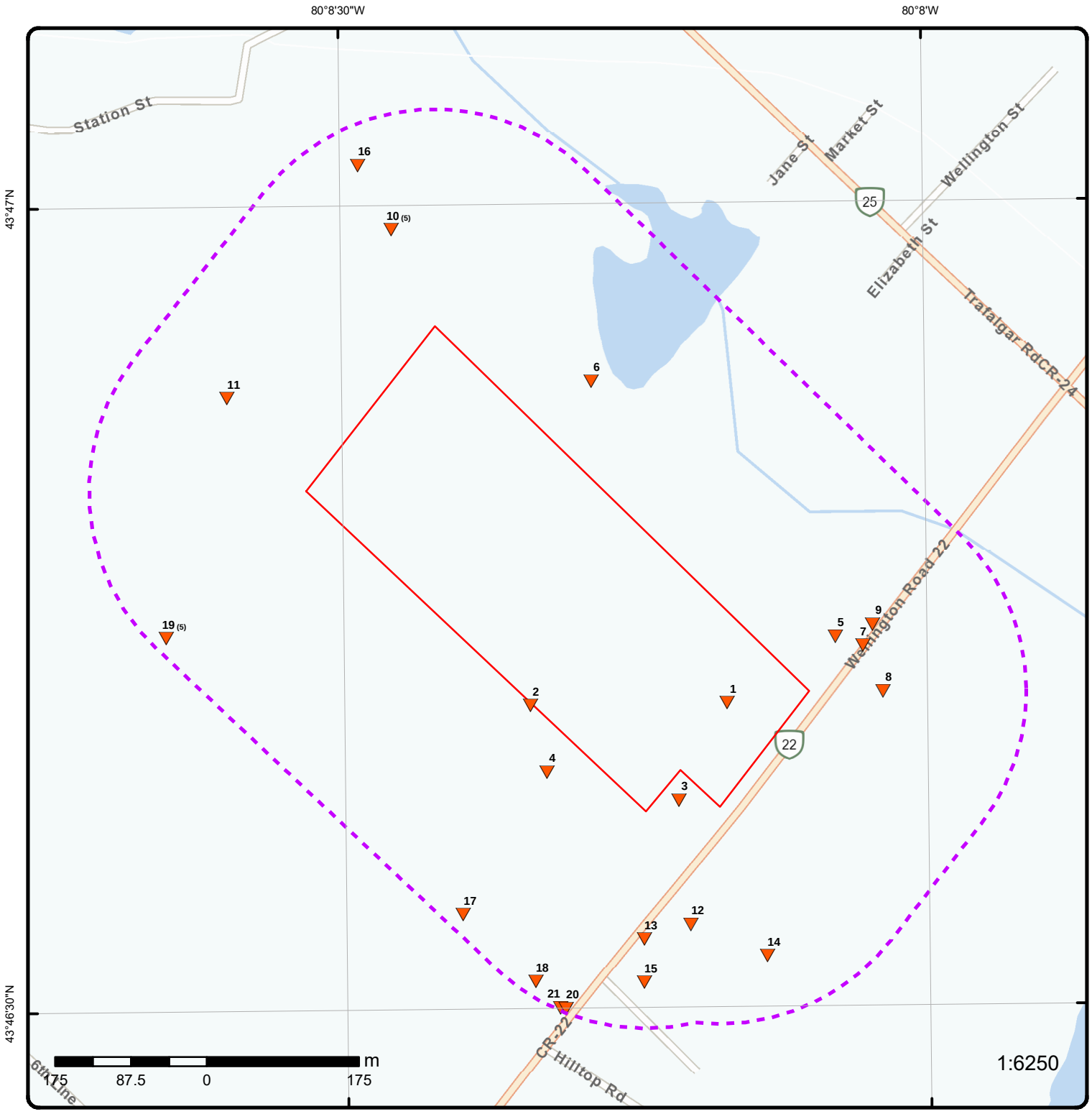
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 16 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 23 con 7 ON ***Well ID:*** 7272548	0.0	1
	STATION ST. lot 23 con 7 Erin ON ***Well ID:*** 7111993	2.4	2

Site	Address	Distance (m)	Map Key
	lot 23 con 7 ON ***Well ID:*** 6705975	21.3	3
	lot 23 con 7 ON ***Well ID:*** 6705153	45.3	4
	lot 23 con 7 ON ***Well ID:*** 6710551	66.3	5
	9366 COUNTY RD. 22 lot 23 con 7 Erin ON ***Well ID:*** 7125694	80.1	6
	lot 22 con 7 ON ***Well ID:*** 6709568	84.8	8
	WELLINGTON lot 23 con 7 HILLSBURGH ON ***Well ID:*** 7307606	139.5	12
	lot 22 con 7 ON ***Well ID:*** 6706342	147.3	13
	lot 22 con 6 ON ***Well ID:*** 6711893	180.2	14
	lot 22 con 7 ON ***Well ID:*** 6707864	197.3	15
	lot 24 con 7 ON ***Well ID:*** 6703077	204.8	16
	9322 WELL RD. #22 lot 21 con 7 HILLS BURG ON ***Well ID:*** 6714872	230.7	17
	lot 23 con 7 ON	233.5	18

Site	Address	Distance (m)	Map Key
	Well ID: 6708153		
	lot 22 con 7 ON	245.0	20
	Well ID: 6703623		
	lot 24 con 7 ON	246.5	21
	Well ID: 6712960		



Map: 0.25 Kilometer Radius

Order Number: 24053100132

Address: Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON, Hillsburgh, ON

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

Source: © 2021 ESRI StreetMap Premium.

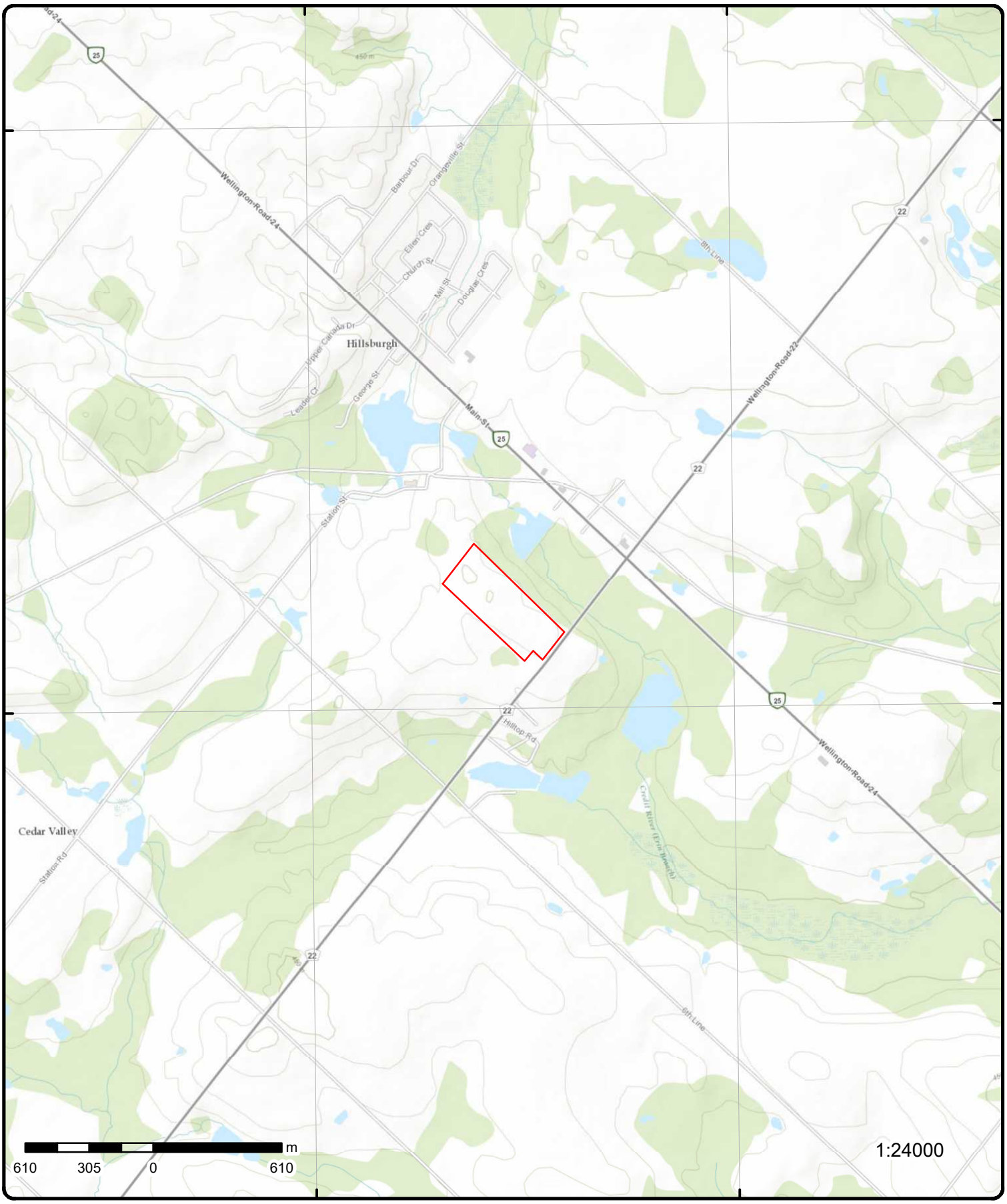
Aerial

Year: 2018

Order Number: 24053100132

Address: Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON, Hillsburgh,

Source: ESRI World Imagery



Topographic Map

Order Number: 24053100132

Address: Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ESE/0.0	439.8 / -3.78	lot 23 con 7 ON	WWIS

Well ID:	7272548	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	Yes
Use 2nd:		**Data Src:**	
Final Well Status:		**Date Received:**	10/03/2016
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	C29872	**Contractor:**	7238
Tag:	A201634	**Form Version:**	8
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1006261287	**Tag No:**	A201634
Depth M:		**Contractor:**	7238
Year Completed:	2016	**Latitude:**	43.7781459230969
Well Completed Dt:	09/22/2016	**Longitude:**	-80.1362254595484
Audit No:	C29872	**Y:**	43.77814592216762
Path:		**X:**	-80.136225310564

Bore Hole Information

Bore Hole ID:	1006261287	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569510.00
Code OB Desc:		**North83:**	4847595.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/22/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location 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
2	1 of 1	SSW/2.4	443.5 / -0.08	STATION ST. lot 23 con 7	WWIS

Erin ON

Well ID:	7111993	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	09/15/2008
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z48968	**Contractor:**	6370
Tag:	A026318	**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7111993.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/21/2008
Year Completed:	2008
Depth (m):	36
Latitude:	43.7781401974138
Longitude:	-80.1390463756085
X:	-80.13904622627265
Y:	43.778140195767065
Path:	711\7111993.pdf

Bore Hole Information

Bore Hole ID:	1001812415	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569283.00
Code OB Desc:		**North83:**	4847592.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	02/21/2008	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001814535
Layer:	3
Color:	2
General Color:	GREY
Material 1:	16

Material 1 Desc:	DOLOMITE
Material 2:	
Material 2 Desc:	
Material 3:	26
Material 3 Desc:	ROCK
Formation Top Depth:	
Formation End Depth:	36.0
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1001814533
Layer:	1
Color:	2
General Color:	GREY
Material 1:	06
Material 1 Desc:	SILT
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	34
Material 3 Desc:	TILL
Formation Top Depth:	0.0
Formation End Depth:	15.300000190734863
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1001814534
Layer:	2
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	15.300000190734863
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1001814538
Layer:	1
Plug From:	0.0
Plug To:	33.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001814543
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	DIAMOND

Pipe Information

Pipe ID: 1001814532
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001814540
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 33.0
Casing Diameter: 5.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001814541
Layer: 1
Slot: 10
Screen Top Depth: 33.0
Screen End Depth: 36.0
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 5.699999809265137

Water Details

Water ID: 1001814539
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 15.0
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001814536
Diameter: 25.0
Depth From: 0.0
Depth To: 15.300000190734863
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1001814537
Diameter: 13.0
Depth From: 15.300000190734863
Depth To: 36.0
Hole Depth UOM: m
Hole Diameter UOM: cm

3	1 of 1	SE/21.3	440.2 / -3.44	lot 23 con 7 ON	WWIS

Well ID: 6705975
Construction Date:
Flowing (Y/N):
Flow Rate:

Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	03/31/1976
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3316
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: ERIN TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6705975.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/29/1975
Year Completed: 1975
Depth (m): 71.628
Latitude: 43.7771428339335
Longitude: -80.1369320492007
X: -80.13693189918192
Y: 43.77714283295474
Path: 670\6705975.pdf

Bore Hole Information

Bore Hole ID:	10470057	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569454.30
Code OB Desc:		**North83:**	4847483.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	04/29/1975	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location 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:

Overburden and Bedrock Materials Interval

Formation ID: 932628564
Layer: 2
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:

Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628571
Layer: 9
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 228.0
Formation End Depth: 235.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628566
Layer: 4
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 05
Material 3 Desc: CLAY
Formation Top Depth: 20.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628570
Layer: 8
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 195.0
Formation End Depth: 228.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628563
Layer: 1
Color: 6

General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628567
Layer:	5
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	28
Material 3 Desc:	SAND
Formation Top Depth:	65.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628565
Layer:	3
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628568
Layer:	6
Color:	6
General Color:	BROWN
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	123.0
Formation End Depth:	185.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628569
Layer:	7
Color:	8
General Color:	BLACK
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	185.0
Formation End Depth:	195.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966705975
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11018627
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930764885
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	127.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930764886
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	235.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	996705975
Pump Set At:	
Static Level:	80.0

Final Level After Pumping:	83.0
Recommended Pump Depth:	110.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934619835
Test Type:	Draw Down
Test Duration:	30
Test Level:	83.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935138560
Test Type:	Draw Down
Test Duration:	60
Test Level:	83.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934343099
Test Type:	Draw Down
Test Duration:	15
Test Level:	83.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934872666
Test Type:	Draw Down
Test Duration:	45
Test Level:	83.0
Test Level UOM:	ft

Water Details

Water ID:	933958834
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	233.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933958835
Layer:	2
Kind Code:	5
Kind:	Not stated

Water Found Depth: 235.0
Water Found Depth UOM: ft

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4 | **1 of 1** | **S/45.3** | **440.0 / -3.56** | **lot 23 con 7 ON** | **WWIS**

Well ID: 6705153
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: ERIN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/15/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3316
Form Version: 1
Owner:
County: WELLINGTON
Lot: 023
Concession: 07
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6705153.pdf

Additional Detail(s) (Map)

Well Completed Date: 01/12/1974
Year Completed: 1974
Depth (m): 50.292
Latitude: 43.7774451717479
Longitude: -80.1388165185145
X: -80.13881636908721
Y: 43.777445171021
Path: 670\6705153.pdf

Bore Hole Information

Bore Hole ID: 10469251
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/12/1974
Remarks:
Location 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: 569302.30
North83: 4847515.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID:	932625116
Layer:	1
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	05
Material 3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	39.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932625117
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	39.0
Formation End Depth:	165.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966705153
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11017821
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930763593
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	165.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930763592
Layer:	1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996705153
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	18.0
Recommended Pump Depth:	35.0
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:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935136383
Test Type:	Draw Down
Test Duration:	60
Test Level:	18.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934871024
Test Type:	Draw Down
Test Duration:	45
Test Level:	18.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934340884
Test Type:	Draw Down
Test Duration:	15
Test Level:	18.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934617067
Test Type:	Draw Down
Test Duration:	30
Test Level:	18.0
Test Level UOM:	ft

Water Details

Water ID:	933957897
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	164.0
Water Found Depth UOM:	ft

5 | **1 of 1** | **E/66.3** | **419.5 / -24.14** | **lot 23 con 7 ON** | **WWIS**

Well ID:	6710551	**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:**	01/08/1991
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	88178	**Contractor:**	3317
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6710551.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/20/1990
Year Completed:	1990
Depth (m):	29.8704
Latitude:	43.7788274576355
Longitude:	-80.1346710060809
X:	-80.13467085634699
Y:	43.77882745693186
Path:	671\6710551.pdf

Bore Hole Information

Bore Hole ID:	10474396	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569634.30
Code OB Desc:		**North83:**	4847672.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/20/1990	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gps
Location Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932648428
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	82.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932648429
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	82.0
Formation End Depth:	98.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932648427
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966710551
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID: 11022966
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930772516
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 98.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930772515
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996710551
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 36.0
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

Draw Down & Recovery

Pump Test Detail ID: 934872769
Test Type: Draw Down
Test Duration: 45
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934346517
Test Type: Draw Down
Test Duration: 15

Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935132791
Test Type: Draw Down
Test Duration: 60
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934620492
Test Type: Draw Down
Test Duration: 30
Test Level: 36.0
Test Level UOM: ft

Water Details

Water ID: 933964213
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.0
Water Found Depth UOM: ft

---

6 | **1 of 1** | **NNE/80.1** | **423.8 / -19.76** | **9366 COUNTY RD. 22 lot 23 con 7 Erin ON** | **WWIS**

Well ID:	7125694	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	07/16/2009
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z85140	**Contractor:**	2663
Tag:	A077208	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7125694.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/02/2009
Year Completed: 2009
Depth (m): 24.9936
Latitude: 43.7814917002884
Longitude: -80.1381283696977
X: -80.13812821990471

Y: 43.78149169916098
Path: 712\7125694.pdf

Bore Hole Information

Bore Hole ID: 1002527454
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/02/2009
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 569353.00
North83: 4847965.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1002610782
Layer: 6
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 72.0
Formation End Depth: 82.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1002610777
Layer: 1
Color: 8
General Color: BLACK
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1002610780
Layer: 4
Color: 6

General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1002610778
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1002610781
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	71
Material 3 Desc:	FRACTURED
Formation Top Depth:	69.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1002610779
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1002610785
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1002610807
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	ROTARY AIR

Pipe Information

Pipe ID:	1002610775
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002610787
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.0
Depth To:	69.0
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1002610788
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	69.0
Depth To:	82.0
Casing Diameter:	6.125
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1002610789
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1002610776
Pump Set At: 60.0
Static Level: 17.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 60.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 25.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1002610801
Test Type: Draw Down
Test Duration: 25
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610805
Test Type: Draw Down
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610804
Test Type: Draw Down
Test Duration: 50
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610791
Test Type: Recovery
Test Duration: 1
Test Level: 17.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610802
Test Type: Draw Down
Test Duration: 30
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610790
Test Type: Draw Down
Test Duration: 1
Test Level: 17.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610792
Test Type: Draw Down
Test Duration: 2
Test Level: 17.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610793
Test Type: Recovery
Test Duration: 2
Test Level: 17.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610794
Test Type: Draw Down
Test Duration: 3
Test Level: 17.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610797
Test Type: Draw Down
Test Duration: 5
Test Level: 17.600000381469727
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610799
Test Type: Draw Down
Test Duration: 15
Test Level: 17.799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610798
Test Type: Draw Down
Test Duration: 10
Test Level: 17.700000762939453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610800
Test Type: Draw Down
Test Duration: 20
Test Level: 18.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610803
Test Type: Draw Down
Test Duration: 40
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610795
Test Type: Recovery
Test Duration: 3
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002610796
Test Type: Draw Down
Test Duration: 4
Test Level: 17.600000381469727
Test Level UOM: ft

Water Details

Water ID: 1002610786
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 82.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1002610783
Diameter: 10.0
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1002610784
Diameter: 6.25
Depth From: 20.0
Depth To: 82.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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7 ***1 of 1*** ***E/80.9*** ***416.6 / -26.97*** ***ON*** ***BORE***

Borehole ID: 700698
OGF ID: 215561607
Status:
Type: GeoColumn
Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No

Use:	Geotechnical/Geological Investigation	***Primary Name:***	S-41
Completion Date:	1976	***Municipality:***	
Static Water Level:		***Lot:***	23
Primary Water Use:		***Township:***	ERIN TOWNSHIP
Sec. Water Use:		***Latitude DD:***	43.778725
Total Depth m:	2.4	***Longitude DD:***	-80.134279
Depth Ref:	Ground Surface	***UTM Zone:***	17
Depth Elev:		***Easting:***	569666
Drill Method:		***Northing:***	4847661
Orig Ground Elev m:		***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	427		
Concession:	VII		
Location D:	Orangeville Cut. Approximately 1.5 km southeast of Hillsburgh. Till sample locality S-41. Reference number 71-1985, GR- 696475.		
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218342825	***Mat Consistency:***	
Top Depth:	1.7	***Material Moisture:***	
Bottom Depth:	2.4	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	Quaternary
Material 4:		***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	Compact, very stony, gritty, sandy silt till; (Sample 1A). To north gravel and lower till replaced by silt. Section is not reliable for stratigraphic purposes **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218342824	***Mat Consistency:***	
Top Depth:	.8	***Material Moisture:***	
Bottom Depth:	1.7	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	Quaternary
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	Poorly sorted gravel, subrounded to well rounded; pebble lithology - limestone 34, dolostone 49, sandstone 8, Precambrian 8, chert 2 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218342823	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.8	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Till	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	Quaternary
Material 4:		***Depositional Gen:***	glacial
Gsc Material Description:			
Stratum Description:	Brown stony, sandy silt till; few laminae of silt; (Sample 41) **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Borehole Sample

Sample ID:	220421214	***Sample Date:***	19710101
Sample Mat Type:	Sediment	***Top Depth:***	0
Sample Purpose:	Geological logging	***Bottom Depth:***	.8
Sample Description:	Sample 41 for analyses of texture, pebble lithology (percent), carbonate content, heavy minerals, colour,		

composition and remarks. Brown stony, sandy silt till; few laminae of silt.

Sample ID:	220421215	**Sample Date:**	19710101
Sample Mat Type:	Sediment	**Top Depth:**	1.7
Sample Purpose:	Geological logging	**Bottom Depth:**	2.4

Sample Description: Sample 4A for analyses of texture, pebble lithology (percent), carbonate content, heavy minerals, colour, composition and remarks. Compact, very stony, gritty, sandy silt till). To north gravel and lower till replaced by silt. Section is not reliable for stratigraphic purposes.

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8 | **1 of 1** | **ESE/84.8** | **422.3 / -21.29** | **lot 22 con 7 ON** | **WWIS**

Well ID:	6709568	**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:**	02/10/1989
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	20124	**Contractor:**	3317
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6709568.pdf

Additional Detail(s) (Map)

Well Completed Date:	07/08/1988
Year Completed:	1988
Depth (m):	32.6136
Latitude:	43.7782551311372
Longitude:	-80.1339995253302
X:	-80.13399937492068
Y:	43.77825512955625
Path:	670\6709568.pdf

Bore Hole Information

Bore Hole ID:	10473417	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569689.00
Code OB Desc:		**North83:**	4847609.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	07/08/1988	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932644088
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	47.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932644087
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	32.0
Formation End Depth:	47.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932644086
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	32.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932644089
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 92.0
Formation End Depth: 107.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932644085
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966709568
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11021987
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930770715
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 107.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930770714
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 94.0
Casing Diameter: 5.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996709568
Pump Set At:
Static Level: 27.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 80.0
Pumping Rate:
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

Draw Down & Recovery

Pump Test Detail ID: 934343199
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934617772
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934870065
Test Type: Draw Down
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935138745
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933963008
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 103.0

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

Water Found Depth UOM: ft

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9 | **1 of 1** | **E/105.8** | **418.3 / -25.31** | **Credit Valley Conservation Authority**
9366 Wellington Rd 22
Erin ON | **SPL**

Ref No: 2514-AREK3R
Year:
Incident Dt: 9/21/2017
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/21/2017
Dt Document Closed:
Site No: NA
MOE Response: No
Site County/District: County of Wellington
Site Geo Ref Meth:
Site District Office: Guelph
Nearest Watercourse: Credit River (Erin Branch)
Site Name: West Credit River<UNOFFICIAL>
Site Address: 9366 Wellington Rd 22
Site Region: West Central
Site Municipality: Erin
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 n/a
System Facility Address:
Client Name: Credit Valley Conservation Authority
Client Type: Corporation
Source Type: Other
Contaminant Code: 43
Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)
Contaminant Limit 1:
Contam Limit Freq 1: n/a
Contaminant UN No 1: n/a
Receiving Medium: Source Water Zone
Incident Reason: Berm/Dyke Failure
Incident Summary: CVCA: elevated sediment levels to West Credit River
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Electric Power Generation
SAC Action Class: Watercourse Spills
Call Report Locatn Geodata:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Agency Involved:

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10 | **1 of 5** | **NNW/121.8** | **437.9 / -5.66** | **Hillsburg erin ontario**
Hillsburgh ON N0B | **EHS**

Order No: 23033100386
Status: C
Report Type: Custom Report
Report Date: 05-APR-23
Date Received: 31-MAR-23
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -80.14096802
Y: 43.78308258

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	2 of 5	NNW/121.8	437.9 / -5.66	Hillsburg erin ontario Hillsburgh ON N0B	EHS

Order No:	23033100386	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-APR-23	**Search Radius (km):**	.25
Date Received:	31-MAR-23	**X:**	-80.14096802
Previous Site Name:		**Y:**	43.78308258
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	3 of 5	NNW/121.8	437.9 / -5.66	Hillsburg erin ontario Hillsburgh ON N0B	EHS

Order No:	23033100386	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-APR-23	**Search Radius (km):**	.25
Date Received:	31-MAR-23	**X:**	-80.14096802
Previous Site Name:		**Y:**	43.78308258
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	4 of 5	NNW/121.8	437.9 / -5.66	Hillsburg erin ontario Hillsburgh ON N0B	EHS

Order No:	23033100386	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-APR-23	**Search Radius (km):**	.25
Date Received:	31-MAR-23	**X:**	-80.14096802
Previous Site Name:		**Y:**	43.78308258
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	5 of 5	NNW/121.8	437.9 / -5.66	Hillsburg erin ontario Hillsburgh ON N0B	EHS

Order No:	23033100386	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-APR-23	**Search Radius (km):**	.25
Date Received:	31-MAR-23	**X:**	-80.14096802
Previous Site Name:		**Y:**	43.78308258
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	WNW/137.5	437.5 / -6.07	14 Station St Erin ON	EHS

Order No:	20111013011	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	10/18/2011	**Search Radius (km):**	0.25
Date Received:	10/13/2011	**X:**	-80.14533

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

Previous Site Name: | **Y:** 43.78415
Lot/Building Size:
Additional Info Ordered:

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12 | **1 of 1** | **SSE/139.5** | **437.9 / -5.73** | **WELLINGTON lot 23 con 7 HILLSBURGH ON** | **WWIS**

Well ID:	7307606	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	0	**Date Received:**	03/15/2018
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z93672	**Contractor:**	7564
Tag:	A202181	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7307606.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/18/2017
Year Completed:	2017
Depth (m):	41.45
Latitude:	43.7758541422476
Longitude:	-80.1367803478379
X:	-80.13678019815023
Y:	43.77585414095222
Path:	730\7307606.pdf

Bore Hole Information

Bore Hole ID:	1007003576	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569468.00
Code OB Desc:		**North83:**	4847340.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/18/2017	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007235868
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	26
Material 3 Desc:	ROCK
Formation Top Depth:	32.90999984741211
Formation End Depth:	41.45000076293945
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007235865
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	0.9100000262260437
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007235867
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	11.579999923706055
Formation End Depth:	32.90999984741211
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007235866
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	

Formation Top Depth: 0.9100000262260437
Formation End Depth: 11.579999923706055
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1007235905
Layer: 1
Plug From: 0.0
Plug To: 6.090000152587891
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1007235904
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1007235863
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007235874
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.5
Depth To: 34.130001068115234
Casing Diameter: 15.239999771118164
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1007235875
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 34.130001068115234
Depth To: 41.45000076293945
Casing Diameter: 15.239999771118164
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1007235876
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m

Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1007235864
Pump Set At: 30.0
Static Level: 14.050000190734863
Final Level After Pumping: 26.8700008392334
Recommended Pump Depth: 30.0
Pumping Rate: 45.400001525878906
Flowing Rate:
Recommended Pump Rate: 40.0
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1007235890
Test Type: Recovery
Test Duration: 15
Test Level: 18.729999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235901
Test Type: Draw Down
Test Duration: 60
Test Level: 26.8700008392334
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235902
Test Type: Recovery
Test Duration: 60
Test Level: 16.639999389648438
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235877
Test Type: Draw Down
Test Duration: 1
Test Level: 16.100000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235886
Test Type: Recovery
Test Duration: 5
Test Level: 20.959999084472656

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235894
Test Type: Recovery
Test Duration: 25
Test Level: 17.979999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235879
Test Type: Draw Down
Test Duration: 2
Test Level: 17.209999084472656
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235885
Test Type: Draw Down
Test Duration: 5
Test Level: 19.549999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235892
Test Type: Recovery
Test Duration: 20
Test Level: 18.31999969482422
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235878
Test Type: Recovery
Test Duration: 1
Test Level: 24.920000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235881
Test Type: Draw Down
Test Duration: 3
Test Level: 18.1299991607666
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235883
Test Type: Draw Down
Test Duration: 4
Test Level: 18.84000015258789
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235884
Test Type: Recovery
Test Duration: 4
Test Level: 21.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235880
Test Type: Recovery
Test Duration: 2
Test Level: 23.440000534057617
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235882
Test Type: Recovery
Test Duration: 3
Test Level: 22.579999923706055
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235895
Test Type: Draw Down
Test Duration: 30
Test Level: 25.100000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235897
Test Type: Draw Down
Test Duration: 40
Test Level: 26.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235899
Test Type: Draw Down
Test Duration: 50
Test Level: 26.420000076293945
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235889
Test Type: Draw Down
Test Duration: 15
Test Level: 23.6200008392334
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235891
Test Type: Draw Down
Test Duration: 20

Test Level: 24.239999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235893
Test Type: Draw Down
Test Duration: 25
Test Level: 24.399999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235896
Test Type: Recovery
Test Duration: 30
Test Level: 17.239999771118164
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235898
Test Type: Recovery
Test Duration: 40
Test Level: 16.899999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235887
Test Type: Draw Down
Test Duration: 10
Test Level: 22.100000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235888
Test Type: Recovery
Test Duration: 10
Test Level: 19.479999542236328
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007235900
Test Type: Recovery
Test Duration: 50
Test Level: 16.899999618530273
Test Level UOM: m

Water Details

Water ID: 1007235872
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 36.880001068115234
Water Found Depth UOM: m

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

Water Details

Water ID:	1007235873
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	40.529998779296875
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007235871
Diameter:	15.239999771118164
Depth From:	34.130001068115234
Depth To:	41.45000076293945
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1007235870
Diameter:	18.40999984741211
Depth From:	6.090000152587891
Depth To:	34.130001068115234
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1007235869
Diameter:	25.399999618530273
Depth From:	0.0
Depth To:	6.090000152587891
Hole Depth UOM:	m
Hole Diameter UOM:	cm

13	*1 of 1*	*SSE/147.3*	*436.2 / -7.39*	*lot 22 con 7 ON*	*WWIS*

Well ID:	6706342	***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:***	03/29/1977
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3317
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	07
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6706342.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/17/1976
Year Completed:	1976
Depth (m):	62.7888
Latitude:	43.775706131517
Longitude:	-80.1374497573969
X:	-80.13744960722929
Y:	43.77570613056829
Path:	670\6706342.pdf

Bore Hole Information

Bore Hole ID:	10470421	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	569414.30
Code OB Desc:		***North83:***	4847323.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/17/1976	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location 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:			

Overburden and Bedrock Materials Interval

Formation ID:	932630351
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932630352
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	28
Material 3 Desc:	SAND
Formation Top Depth:	20.0
Formation End Depth:	88.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932630355
Layer: 6
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 150.0
Formation End Depth: 206.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932630350
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 11
Material 3 Desc: GRAVEL
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932630354
Layer: 5
Color: 8
General Color: BLACK
Material 1: 26
Material 1 Desc: ROCK
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 138.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932630353
Layer: 4
Color: 6
General Color: BROWN
Material 1: 26
Material 1 Desc: ROCK

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 138.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966706342
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11018991
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930765471
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 206.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930765470
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 94.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 996706342
Pump Set At:
Static Level: 55.0
Final Level After Pumping: 60.0
Recommended Pump Depth:
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933959280
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	198.0
Water Found Depth UOM:	ft

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14 | ***1 of 1*** | ***SE/180.2*** | ***433.3 / -10.34*** | ***lot 22 con 6 ON*** | ***WWIS***

Well ID:	6711893	**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:**	01/18/1996
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	158347	**Contractor:**	3317
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	06
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6711893.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/20/1995
Year Completed:	1995
Depth (m):	57.912
Latitude:	43.7755217481915
Longitude:	-80.1356879105794
X:	-80.13568776090386
Y:	43.775521746934636
Path:	671\6711893.pdf

Bore Hole Information

Bore Hole ID:	10475726	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569556.30
Code OB Desc:		**North83:**	4847304.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	12/20/1995	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps

Location Method Desc: from gps
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932654667
Layer: 4
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 109.0
Formation End Depth: 152.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932654665
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 28
Material 3 Desc: SAND
Formation Top Depth: 15.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932654668
Layer: 5
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 152.0
Formation End Depth: 166.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932654664
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932654669
Layer:	6
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	166.0
Formation End Depth:	190.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932654666
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	
Material 3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	109.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966711893
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11024296
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930774932
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	190.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930774931
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	113.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996711893
Pump Set At:	
Static Level:	50.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	85.0
Pumping Rate:	12.0
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

Draw Down & Recovery

Pump Test Detail ID:	935137162
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934615131
Test Type:	Draw Down
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934341629
Test Type:	Draw Down
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934867391
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Water Details

Water ID:	933965984
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	185.0
Water Found Depth UOM:	ft

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15 ***1 of 1*** ***SSE/197.3*** ***431.9 / -11.73*** ***lot 22 con 7 ON*** ***WWIS***

Well ID:	6707864	***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:***	04/10/1984
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	2332
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	022
Depth to Bedrock:		***Concession:***	07
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6707864.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/12/1983
Year Completed:	1983
Depth (m):	62.484
Latitude:	43.7752559893755
Longitude:	-80.1374562280846
X:	-80.13745607783312
Y:	43.775255987616006
Path:	670\6707864.pdf

Bore Hole Information

Bore Hole ID:	10471865	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	569414.30
Code OB Desc:		***North83:***	4847273.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	08/12/1983	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location 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:

Overburden and Bedrock Materials Interval

Formation ID:	932637229
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	12
Material 1 Desc:	STONES
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	78
Material 3 Desc:	MEDIUM-GRAINED
Formation Top Depth:	92.0
Formation End Depth:	145.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637226
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637227
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12

Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	32.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637230
Layer:	5
Color:	2
General Color:	GREY
Material 1:	12
Material 1 Desc:	STONES
Material 2:	15
Material 2 Desc:	LIMESTONE
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	145.0
Formation End Depth:	205.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637228
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	32.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966707864
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11020435
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930767915
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:
Depth To: 94.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930767916
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 205.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996707864
Pump Set At:
Static Level: 52.0
Final Level After Pumping: 54.0
Recommended Pump Depth: 70.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934614427
Test Type: Recovery
Test Duration: 30
Test Level: 52.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934867760
Test Type: Recovery
Test Duration: 45
Test Level: 52.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935134787
Test Type: Recovery
Test Duration: 60
Test Level: 52.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934347504
Test Type:	Recovery
Test Duration:	15
Test Level:	52.0
Test Level UOM:	ft

Water Details

Water ID:	933961068
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	195.0
Water Found Depth UOM:	ft

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16 | ***1 of 1*** | ***NNW/204.8*** | ***439.6 / -4.00*** | ***lot 24 con 7 ON*** | ***WWIS***

Well ID:	6703077	***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:***	06/03/1968
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3316
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	WELLINGTON
Elevatn Reliabilty:		***Lot:***	024
Depth to Bedrock:		***Concession:***	07
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6703077.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/05/1968
Year Completed:	1968
Depth (m):	32.004
Latitude:	43.7837495357225
Longitude:	-80.1414352648889
X:	-80.1414351148387
Y:	43.78374953499756
Path:	670\6703077.pdf

Bore Hole Information

Bore Hole ID:	10467219	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	569084.30
Code OB Desc:		***North83:***	4848213.00
Open Hole:		***Org CS:***	

Cluster Kind: ***UTMRC:*** 5
Date Completed: 04/05/1968 ***UTMRC Desc:*** margin of error : 100 m - 300 m
Remarks: ***Location Method:*** p5
Location 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:

Overburden and Bedrock Materials Interval

Formation ID: 932616463
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 94.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932616462
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932616464
Layer: 3
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 94.0
Formation End Depth: 105.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	966703077
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11015789
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930759980
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	96.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930759981
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	105.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	996703077
Pump Set At:	
Static Level:	29.0
Final Level After Pumping:	37.0
Recommended Pump Depth:	65.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933955460

Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.0
Water Found Depth UOM:	ft

17 **1 of 1** **SSW/230.7** **439.2 / -4.42** **9322 WELL RD. #22 lot 21 con 7 HILLS BURG ON** **WWIS**

Well ID:	6714872	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	05/11/2004
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z01905	**Contractor:**	2336
Tag:	A001807	**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	021
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6714872.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/01/2004
Year Completed:	2004
Depth (m):	48.7
Latitude:	43.7759777149078
Longitude:	-80.1400342166927
X:	-80.14003406754054
Y:	43.77597771407696
Path:	671\6714872.pdf

Bore Hole Information

Bore Hole ID:	11108224	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569206.00
Code OB Desc:		**North83:**	4847351.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:	04/01/2004	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932965552
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	08
Material 2 Desc:	FINE SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	5.5
Formation End Depth:	31.700000762939453
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932965551
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	13
Material 3 Desc:	BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	5.5
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932965553
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	71
Material 2 Desc:	FRACTURED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	31.700000762939453
Formation End Depth:	48.70000076293945
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933252087
Layer:	1
Plug From:	0.0
Plug To:	6.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 966714872
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11116291
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930841592
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 46.0
Depth To: 33.900001525878906
Casing Diameter: 16.0
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 930841593
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 33.900001525878906
Depth To: 48.70000076293945
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 11119542
Pump Set At: 30.5
Static Level: 13.800000190734863
Final Level After Pumping: 25.299999237060547
Recommended Pump Depth: 30.5
Pumping Rate: 45.0
Flowing Rate:
Recommended Pump Rate: 45.0
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11168969
Test Type: Draw Down
Test Duration: 4

Test Level: 21.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168972
Test Type: Draw Down
Test Duration: 15
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168965
Test Type: Recovery
Test Duration: 0
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168968
Test Type: Draw Down
Test Duration: 3
Test Level: 19.899999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168982
Test Type: Recovery
Test Duration: 4
Test Level: 15.600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168964
Test Type: Draw Down
Test Duration: 0
Test Level: 13.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168970
Test Type: Draw Down
Test Duration: 5
Test Level: 22.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168986
Test Type: Recovery
Test Duration: 20
Test Level: 13.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168990
Test Type: Recovery
Test Duration: 50
Test Level: 13.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168991
Test Type: Recovery
Test Duration: 60
Test Level: 13.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168971
Test Type: Draw Down
Test Duration: 10
Test Level: 24.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168973
Test Type: Draw Down
Test Duration: 20
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168975
Test Type: Draw Down
Test Duration: 30
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168987
Test Type: Recovery
Test Duration: 25
Test Level: 13.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168988
Test Type: Recovery
Test Duration: 30
Test Level: 13.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168967
Test Type: Draw Down

Test Duration: 2
Test Level: 18.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168974
Test Type: Draw Down
Test Duration: 25
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168977
Test Type: Draw Down
Test Duration: 50
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168978
Test Type: Draw Down
Test Duration: 60
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168979
Test Type: Recovery
Test Duration: 1
Test Level: 22.899999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168980
Test Type: Recovery
Test Duration: 2
Test Level: 20.700000762939453
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168981
Test Type: Recovery
Test Duration: 3
Test Level: 16.799999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168983
Test Type: Recovery
Test Duration: 5
Test Level: 14.600000381469727
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168984
Test Type: Recovery
Test Duration: 10
Test Level: 14.0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168985
Test Type: Recovery
Test Duration: 15
Test Level: 13.800000190734863
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168966
Test Type: Draw Down
Test Duration: 1
Test Level: 15.899999618530273
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168976
Test Type: Draw Down
Test Duration: 40
Test Level: 25.299999237060547
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11168989
Test Type: Recovery
Test Duration: 40
Test Level: 13.800000190734863
Test Level UOM: m

Water Details

Water ID: 934049419
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 47.29999923706055
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11116289
Diameter: 22.0
Depth From: 0.0
Depth To: 6.0
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

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

Hole ID:	11116290
Diameter:	16.0
Depth From:	6.0
Depth To:	48.70000076293945
Hole Depth UOM:	m
Hole Diameter UOM:	cm

18 | **1 of 1** | **S/233.5** | **435.9 / -7.73** | **lot 23 con 7 ON** | **WWIS**

Well ID:	6708153	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Irrigation	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	04/01/1985
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3317
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	023
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6708153.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/09/1984
Year Completed:	1984
Depth (m):	54.864
Latitude:	43.7752767031253
Longitude:	-80.1390091786866
X:	-80.13900902910535
Y:	43.775276701893006
Path:	670\6708153.pdf

Bore Hole Information

Bore Hole ID:	10472068	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569289.30
Code OB Desc:		**North83:**	4847274.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	05/09/1984	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Location Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932638102
Layer:	6
Color:	6
General Color:	BROWN
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	139.0
Formation End Depth:	150.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638097
Layer:	1
Color:	
General Color:	
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	05
Material 3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638101
Layer:	5
Color:	2
General Color:	GREY
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	115.0
Formation End Depth:	139.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638098
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12

Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638103
Layer:	7
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	150.0
Formation End Depth:	180.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638100
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	26
Material 1 Desc:	ROCK
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	115.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638099
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966708153

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

Pipe Information

Pipe ID: 11020638
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930768269
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930768270
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 180.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 996708153
Pump Set At:
Static Level: 3.0
Final Level After Pumping: 75.0
Recommended Pump Depth: 100.0
Pumping Rate: 85.0
Flowing Rate:
Recommended Pump Rate: 75.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935135349
Test Type: Draw Down
Test Duration: 60
Test Level: 75.0
Test Level UOM: ft

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

Water Details

Water ID:	933961330
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	165.0
Water Found Depth UOM:	ft

---

19 ***1 of 5*** ***W/233.9*** ***439.4 / -4.24*** ***15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0*** ***EHS***

Order No:	20200108055	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	28-JAN-20	***Search Radius (km):***	.25
Date Received:	08-JAN-20	***X:***	-80.14457955
Previous Site Name:		***Y:***	43.77862502
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

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19 ***2 of 5*** ***W/233.9*** ***439.4 / -4.24*** ***15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0*** ***EHS***

Order No:	20200108055	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	28-JAN-20	***Search Radius (km):***	.25
Date Received:	08-JAN-20	***X:***	-80.14457955
Previous Site Name:		***Y:***	43.77862502
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

---

19 ***3 of 5*** ***W/233.9*** ***439.4 / -4.24*** ***15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0*** ***EHS***

Order No:	20200108055	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	28-JAN-20	***Search Radius (km):***	.25
Date Received:	08-JAN-20	***X:***	-80.14457955
Previous Site Name:		***Y:***	43.77862502
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos		

---

19 ***4 of 5*** ***W/233.9*** ***439.4 / -4.24*** ***15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0*** ***EHS***

Order No:	20200108055	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	28-JAN-20	***Search Radius (km):***	.25
Date Received:	08-JAN-20	***X:***	-80.14457955
Previous Site Name:		***Y:***	43.77862502

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

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

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19 | **5 of 5** | **W/233.9** | **439.4 / -4.24** | **15 Station Street, 9322 & 9313 Wellington Road 22 Hillsburgh ON N0B 1Z0** | **EHS**

Order No:	20200108055	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	28-JAN-20	**Search Radius (km):**	.25
Date Received:	08-JAN-20	**X:**	-80.14457955
Previous Site Name:		**Y:**	43.77862502

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos

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20 | **1 of 1** | **S/245.0** | **433.0 / -10.60** | **lot 22 con 7 ON** | **WWIS**

Well ID:	6703623	**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:**	03/16/1970
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3316
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	022
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6703623.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/03/1969
Year Completed:	1969
Depth (m):	59.1312
Latitude:	43.7749943379713
Longitude:	-80.1385783227416
X:	-80.13857817300314
Y:	43.774994336864495
Path:	670\6703623.pdf

Bore Hole Information

Bore Hole ID:	10467758	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569324.30
Code OB Desc:		**North83:**	4847243.00
Open Hole:		**Org CS:**	

Cluster Kind: ***UTMRC:*** 4
Date Completed: 12/03/1969 ***UTMRC Desc:*** margin of error : 30 m - 100 m
Remarks: ***Location Method:*** p4
Location 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:

Overburden and Bedrock Materials Interval

Formation ID: 932618708
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 54.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932618714
Layer: 8
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 178.0
Formation End Depth: 194.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932618711
Layer: 5
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 83.0
Formation End Depth: 148.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932618707
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932618710
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	68.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932618712
Layer:	6
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	148.0
Formation End Depth:	165.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932618713
Layer:	7
Color:	6
General Color:	BROWN
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	

Material 3 Desc:
Formation Top Depth: 165.0
Formation End Depth: 178.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932618709
Layer: 3
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 09
Material 2 Desc: MEDIUM SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 54.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966703623
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11016328
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930760982
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 87.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930760983
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 194.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	996703623
Pump Set At:	
Static Level:	53.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	80.0
Pumping Rate:	12.0
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:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935123346
Test Type:	Draw Down
Test Duration:	60
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934345788
Test Type:	Draw Down
Test Duration:	15
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934604774
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934858542
Test Type:	Draw Down
Test Duration:	45
Test Level:	55.0
Test Level UOM:	ft

Water Details

Water ID:	933956118
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	191.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	S/246.5	434.8 / -8.75	lot 24 con 7 ON	WWIS

Well ID:	6712960	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Test Hole	**Date Received:**	06/09/1999
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	196628	**Contractor:**	2336
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	WELLINGTON
Elevatn Reliabilty:		**Lot:**	024
Depth to Bedrock:		**Concession:**	07
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	ERIN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712960.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/10/1999
Year Completed:	1999
Depth (m):	12.8016
Latitude:	43.775003930781
Longitude:	-80.1386564683909
X:	-80.13865631832233
Y:	43.77500392959452
Path:	671\6712960.pdf

Bore Hole Information

Bore Hole ID:	10476793	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	569318.00
Code OB Desc:		**North83:**	4847244.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	05/10/1999	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Location Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932659836
Layer:	1
Color:	6
General Color:	BROWN

Material 1: 28
Material 1 Desc: SAND
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932659837
Layer: 2
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 10
Material 2 Desc: COARSE SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932659838
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 37.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933211096
Layer: 1
Plug From: 0.0
Plug To: 25.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966712960
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11025363
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930776839
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933385933
Layer: 1
Slot: 045
Screen Top Depth: 29.0
Screen End Depth: 37.0
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: 996712960
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 8.0
Recommended Pump Depth:
Pumping Rate: 50.0
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:
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934618486
Test Type: Draw Down
Test Duration: 30
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935131805
Test Type: Draw Down

Test Duration:	60
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934354462
Test Type:	Draw Down
Test Duration:	15
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934870752
Test Type:	Draw Down
Test Duration:	45
Test Level:	8.0
Test Level UOM:	ft

Water Details

Water ID:	933967544
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	37.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: 16 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	
GEN	Triton Water Canada Holdings, Inc.	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Triton Water Canada Holdings, Inc.	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	N0B 1T0
GEN	Nestle Waters Canada	Lot 24 Concession 7	Erin ON	N0B 1T0
PTTW	Ihor Pashynsky	Lot 24, Concession 7 ERIN TOWN OF ERIN	ON	
PTTW	Aberfoyle Springs	Lot 24, Concession 7 ERIN TOWN OF ERIN	ON	
PTTW	Aberfoyle Springs Co. (A subsidiary of Nestle Canada Inc.)	Lot 24 Concession 7, Township of Erin, County of Wellington ERIN TOWN OF ERIN	ON	
PTTW	Nestle Waters Canada (A division of Nestle Canada Inc.)	Lot 24, Concession 7, Town of Erin, County of Wellington ERIN	ON	

Unplottable Report

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code:
SIC Description:
Approval Years: As of Oct 2019
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 122 L
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 122 L
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: ALL OTHER FOOD MANUFACTURING
Approval Years: 2015
PO Box No:

Country: Canada
Status:
Co Admin: Morgan Jennings
Choice of Contact: CO_OFFICIAL
Phone No Admin: 519-763-9462 Ext.6440
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: ALL OTHER FOOD MANUFACTURING
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: ALL OTHER FOOD MANUFACTURING
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Morgan Jennings
Choice of Contact: CO_OFFICIAL
Phone No Admin: 519-763-9462 Ext.6440
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: All Other Food Manufacturing
Approval Years: 2011
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: All Other Food Manufacturing
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: All Other Food Manufacturing
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Triton Water Canada Holdings, Inc.***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered

Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122 C
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Waste Class: 122 L
Waste Class Name: Alkaline slutions - containing other metals and non-metals (not cyanide)

Site: ***Triton Water Canada Holdings, Inc.***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122 C
Waste Class Name: ALKALINE WASTES - OTHER METALS

Waste Class: 122 L
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990
SIC Description: ALL OTHER FOOD MANUFACTURING
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Morgan Jennings
Choice of Contact: CO_OFFICIAL
Phone No Admin: 519-763-9462 Ext.6440
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Nestle Waters Canada***
Lot 24 Concession 7 Erin ON N0B 1T0

Database: ***GEN***

Generator No: ON3384691
SIC Code: 311990

SIC Description: All Other Food Manufacturing
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 122
Waste Class Name: ALKALINE WASTES - OTHER METALS

Site: ***Ihor Pashynsky***
Lot 24, Concession 7 ERIN TOWN OF ERIN ON

Database: ***PTTW***

EBR Registry No: IA9E0223
Ministry Ref No: 23005640
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 23, 1999
Proposal Date: February 22, 1999
Year: 1999
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Ihor Pashynsky
Site Address:
Location Other:
Proponent Name:
Proponent Address: 42 Odessa Blvd., Terra Cotta Ontario, L0P 1N0
Comment Period:
URL:

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

Site Location Details:

Lot 24, Concession 7 ERIN TOWN OF ERIN

Site: ***Aberfoyle Springs***
Lot 24, Concession 7 ERIN TOWN OF ERIN ON

Database: ***PTTW***

EBR Registry No: IA9E1003
Ministry Ref No: 23007758
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 13, 2000
Proposal Date: August 23, 1999
Year: 1999
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Aberfoyle Springs
Site Address:
Location Other:
Proponent Name:
Proponent Address: R.R. #3, Guelph Ontario, N1H 6H9
Comment Period:
URL:

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

Site Location Details:

Lot 24, Concession 7 ERIN TOWN OF ERIN

Site: ***Aberfoyle Springs Co. (A subsidiary of Nestle Canada Inc.)*** ***Database:***
Lot 24 Concession 7, Township of Erin, County of Wellington ERIN TOWN OF ERIN ON ***PTTW***

EBR Registry No:	IA01E0035	***Decision Posted:***	
Ministry Ref No:	23013678	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	September 18, 2001	***Act 2:***	
Proposal Date:	January 09, 2001	***Site Location Map:***	
Year:	2001		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Aberfoyle Springs Co. (A subsidiary of Nestle Canada Inc.)		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	101 Brock Road, Guelph Ontario, N1H 6H9		
Comment Period:			
URL:			

Site Location Details:

Lot 24 Concession 7, Township of Erin, County of Wellington ERIN TOWN OF ERIN

Site: ***Nestle Waters Canada (A division of Nestle Canada Inc.)*** ***Database:***
Lot 24, Concession 7, Town of Erin, County of Wellington ERIN ON ***PTTW***

EBR Registry No:	IA03E0747	***Decision Posted:***	
Ministry Ref No:	23024938	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	May 18, 2005	***Act 2:***	
Proposal Date:	May 28, 2003	***Site Location Map:***	
Year:	2003		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Nestle Waters Canada (A division of Nestle Canada Inc.)		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	101 Brock Road South, R.R. #3, Guelph Ontario, N1H 6H9		
Comment Period:			
URL:			

Site Location Details:

Lot 24, Concession 7, Town of Erin, County of Wellington ERIN

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-Apr 2024

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-Apr 30, 2024

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-Apr 30, 2024

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-Mar 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 - Mar 31, 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-Mar 31, 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 - Mar 31, 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-Mar 31, 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-Mar 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

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

Government Publication Date: 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 - Mar 31, 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-Mar 31, 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 - Mar 31, 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-Apr 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-Apr 30, 2024

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. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

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, 2021

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-Mar 31, 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: Dec 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 – Other Government Agency Records

Ontario

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (*) are mandatory.

Are you: *

☑ Submitting a new FOI Request for Property Information

☐ Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) * 1986/01/01

To (yyyy/mm/dd) * 2024/06/30

Type of Record(s) *

☑ All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations

☑ Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:
https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at: https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch
- RSC records filed after July 2011 are available at: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en

☐ Other Specific Document(s)

Type of Approval/Registration *

☑ Drinking Water Licenses

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Pesticide Licenses

Only pesticide licenses post September 2018 are available. Prior to September 2018, only Pesticide license applications and supporting documentation is available

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Permits to Take Water

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

Water Source *

☑ Groundwater ☐ Surface Water

☑ Noise Vibrations Approvals/Registrations

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Air Emissions Approvals/Registrations

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Water - Industrial discharge

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

☑ Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems)

☑ No Supporting Documents ☐ All Supporting Documents ☐ Some Supporting Documents

Company Name

☑ Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

Please search for and provide any records of environmental significance to this property.

Section 2 – Requester Information

Last Name * Olesiuk

First Name * Joanna

Middle Initial

Business/Organization Name (if applicable or indicate "N/A") * GEI Consultants Canada Ltd.

Project/Reference Number (if applicable) 2404917

Are you submitting this request on behalf of a client? *

☐ Yes ☑ No

Mailing Address

Unit Number 2

Street Number * 650

Street Name * Woodlawn Road West, Block C

PO Box

City/Town * Guelph

Province * ON

Postal Code * N1K 1B8

Telephone Number * 519-239-3160

ext.

Email Address * jolesiuk@geiconsultants.com

Is there an alternate contact (e.g. office admin)? *

☐ Yes ☑ No

Section 3 – Current Property Address Information

Is the property a:

☐ Park ☐ Lake ☐ First Nation Band ☐ Wind Farm ☐ Federal Land ☐ Island ☐ Unsurveyed Land

Are you requesting information about multiple addresses? *

☐ Yes ☑ No

Property Address

Unit Number

Street Number

Street Name

Full Lot Number 23

Concession 7

Geographic Township ERIN

City/Town/Village * Hillsburgh

Closest Intersection Wellington Road 22 and Trafalgar Road

Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? *

☐ Yes ☑ No

Section 5 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

Current Property Owner/Tenant

Lot 23 Conc 7 ERIN
Hillsburgh

Owner Name: Thomasfield Homes Ltd.

Date of Ownership (yyyy/mm/dd):

Tenant Name:

Section 6 – Supporting Documents

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name: Figure 2 - Study Area Layout.pdf

Total File Size: 0.83 MB

Payment confirmation number: 29616548

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

Ontario

June 18, 2024

Joanna Olesiuk
GEI Consultants Canada Ltd.
650 Woodlawn Road West, Block C, Unit 2
Guelph, Ontario N1K 1B8
jolesiuk@geiconsultants.com

Dear Joanna Olesiuk:

RE: **MECP FOI A-2024-04008 / Your Reference 2404917 – 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:**

Lot 23 Conc 7, ERIN, Hillsburgh

Timeframe: January 1st, 1986 to June 30th, 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 Adeolu Paul-Taiwo at adeolu.paul-taiwo@ontario.ca.

Yours truly,
Adeolu Paul-Taiwo
MECP Access and Privacy Office

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

Ontario

July 10, 2024

Joanna Olesiuk
GEI Consultants Canada Ltd.
650 Woodlawn Road West, Block C, Unit 2
Guelph, Ontario N1K 1B8
jolesiuk@geiconsultants.com

Dear Joanna Olesiuk:

RE: **MECP FOI A-2024-04008, Your Reference 2404917 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

Lot 23 Conc 7, ERIN, Hillsburgh

Timeframe: January 1st, 1986 to June 30th, 2024

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at http://www.ipc.on.ca. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Shannon Neita at shannon.neita@ontario.ca.

Yours truly,

Shannon Neita

for
Josephine DeSouza
Manager, Access and Privacy Office

MINISTRY OF ENVIRONMENT WASTE DISPOSAL SITE INVENTORY, JUNE 1991
REGIONAL INVENTORY OF ACTIVE (as of 1991) WASTE DISPOSAL SITES
WEST CENTRAL REGION

Site Location: Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON

Site Easting: 569321 m E

Site Northing: 4847729 m N

Landfill <5 km from site	Distance from site (km)	Site Number	County	Municipality	Lot or Street Number	Concession	UTM Coordinates NTS	Zone	East	North	D	C	O	H	L	MH	SS	Hazard Class
	97	A 100101	BRANT	CITY OF BRANTFORD	PT of Love Joy Grant		40P01	17	563000	4750500	70	15	5	0	0	5	5	A3
	73	A 100110	BRANT	BRANTFORD	PT 23-24	4	40P01	17	557110	4776020	0	0	100	0	0	0	0	A3
	68	A 100201	BRANT	PARIS	31; in town of Paris		40P01	17	548500	4782750	40	6	0	0	4	15	35	A3
	82	A 100301	BRANT	BRANTFORD	PT 1	2ND RANGE	40P01	17	558240	4766160	70	30	0	0	0	0	0	A4
	80	A 100402	BRANT	BURFORD	PT 7	7	40P01	17	544270	4771650	0	0	100	0	0	0	0	A3
	23	A 180403	DUFFERIN	AMARANTH	PT 16NE1/2	4	40P16	17	563850	4870550	95	3	0	0	0	2	0	B4
	24	A 180601	DUFFERIN	LUTHER, EAST	PT 21	4	40P16	17	549190	4861030	90	5	5	0	0	0	0	A4
	36	A 180702	DUFFERIN	MELANCTHON	PT 5E1/2	1	41A01	17	565370	4883750	90	5	5	0	0	0	0	A4
	43	A 180703	DUFFERIN	MELANCTHON	PT 12	4	41A01	17	557750	4889450	95	4	0	0	0	1	0	A4
	32	A 180801	DUFFERIN	MONO	PT 24	4	41A01	17	575140	4878920	90	5	0	0	0	5	0	A4
	46	A 180903	DUFFERIN	MULMUR	PT 18	2	41A01	17	570810	4894090	99	1	0	0	0	0	0	A4
	88	A 110104	HALDIMAND	NANTICOKE	7	16	40116	17	571100	4759550	85	15	0	0	0	0	0	A1
	109	A 110107	HALDIMAND	NANTICOKE	PT 4	3	40116	17	560000	4739000	50	10	15	0	0	25	0	A4
	109	A 110115	HALDIMAND	NANTICOKE	PT 24	1	40116	17	573000	4738620	0	0	0	0	0	100	0	B4
	106	A 110117	HALDIMAND	NANTICOKE	PT 10N1/2	2	40116	17	578440	4741830	0	0	0	0	10	0	0	B4
	99	A 110202	HALDIMAND	DUNNVILLE	PT 6	3	3OL13	17	609350	4757050	85	5	5	0	0	5	0	A4
	94	A 110302	HALDIMAND	HALDIMAND	PT 24	1 NTR	3OL13	17	595560	4757680	0	0	0	0	0	0	0	A4
	91	A 110304	HALDIMAND	HALDIMAND	21	3 SOUTH	30113	17	584500	4758050	80	5	15	0	0	0	0	A4
	86	A 110305	HALDIMAND	HALDIMAND	PT 14-15	RANGE W	40P01	17	580180	4762900	0	0	0	0	0	100	0	B4
	79	A 110309	HALDIMAND	HALDIMAND	PT 9-10	1 WPR	30M04	17	585060	4770510	0	0	1	0	0	99	0	B3
	118	A 110503	HALDIMAND	DELHI	PT 14 NE1/4	1	40109	17	553790	4730370	85	5	10	0	0	0	0	A4
	122	A 110605	HALDIMAND	NORFOLK	PT 13	10	40110	17	535870	4730260	75	15	5	0	0	5	0	A4
	129	A 110606	HALDIMAND	NORFOLK	PT 15	2	40110	17	542460	4722000	85	10	5	0	0	0	0	B4
	61	A 130122	HAMILTON-W	HAMILTON	PT 1-9	R.P. 8090	30M05	0.17	595500	4792650	0	0	0	0	0	100	0	A3
	64	A 130123	HAMILTON-W	HAMILTON	PT 2	R.P. 8091	30M05	17	598100	4790950	0	0	0	0	0	100	0	A3
	63	A 130124	HAMILTON-W	HAMILTON	PT 1	R.P. 8091	30M05	17	598125	4791250	0	0	0	0	0	100	0	A3
	71	A 130404	HAMILTON-W	STONEY CREEK	27, PT 26-28	6	30M04	17	598760	4783120	0	0	0	0	0	100	0	A3
	58	A 130510	HAMILTON-W	FLAMBOROUGH	PT 17N1/2	2	40P08	17	570400	4790150	0	0	0	0	0	100	0	A4
	58	A 130511	HAMILTON-W	FLAMBOROUGH	PT 513-516	1	30M05	17	583780	4791810	0	0	0	0	0	100	0	A3
	84	A 130604	HAMILTON-W	GLANBROOK	26-28	9	30M04	17	598150	4769200	29	13	0	0	0	58	0	A4
	103	A 120106	NIAGARA	ST. CATHARINES	PT 16-17(Glenridge)	10	30M03	17	643350	4775450	60	20	0	0	0	20	0	A3
	109	A 120201	NIAGARA	NIAGARA FALLS	PT 6,15,26.CofNTwpStandford		30M03	17	652550	4777850	63	13	8	0	0	16	0	A3
	113	A 120203	*** NIAGARA	NIAGARA FALLS	PT 202-225; in city of Niagara Falls		30M03	17	649420	4768560	0	0	0	0	0	100	0	A3
	113	A 120206	*** NIAGARA	NIAGARA FALLS	PT 203-204; in city of Niagara Falls		30M03	17	650000	4768520	0	0	0	0	0	100	0	A3
	107	A 120211	NIAGARA	NIAGARA FALLS	PT 11,30-31,49-50,66;	Thorold Tow	30M03	17	648650	4776300	5	10	0	0	0	85	0	A3
	119	A 120302	NIAGARA	PORT COLBORNE	29	3	30L14	17	642150	4753800	0	0	94	0	0	1	5	A3
	124	A 120310	NIAGARA	PORT COLBORNE	PT 24-25	1	SOL 14	17	644050	4749150	0	0	95	0	2	3	0	A1
	115	A 120401	NIAGARA	WELLAND	Feeder Rd. W. of Townl'e	Rd.RP 14	SOL 14	17	640600	4758050	60	15	12	0	5	1	7	A1
	112	A 120409	*** NIAGARA	WELLAND	PT 21 -22 PT 223	2	30M03	17	643850	4763750	0	0	0	0	0	100	0	A1

MINISTRY OF ENVIRONMENT WASTE DISPOSAL SITE INVENTORY, JUNE 1991
REGIONAL INVENTORY OF ACTIVE (as of 1991) WASTE DISPOSAL SITES
WEST CENTRAL REGION

Site Location: Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON

Site Easting: 569321 m E

Site Northing: 4847729 m N

Landfill <5 km from site	Distance from site (km)	Site Number	County	Municipality	Lot or Street Number	Concession	UTM Coordinates NTS	Zone	East	North	D	C	O	H	L	MH	SS	Hazard Class
	117	A 120410	NIAGARA	WELLAND	PT 18	7	30L14	17	645800	4758550	0	0	0	0	0	100	0	A3
	116	A 120412	*** NIAGARA	WELLAND	24	7	30L14	17	643250	4758250	0	0	0	0	0	100	0	A4
	134	A 120501	NIAGARA	FORT ERIE	7 (Bridge St. Fort Erie)	4NR	30L15	17	666400	4754700	50	30	10	0	0	5	5	A4
	85	A 120601	NIAGARA	GRIMSBY	NW PT2	6	30M04	17	618400	4777860	75	15	0	0	0	10	0	A3
	90	A 120702	NIAGARA	LINCOLN	PT 14-15	6	30M03	17	625100	4777530	0	0	100	0	0	0	0	A3
	105	A 120802	NIAGARA	NIAGARA-ON-THE-LAKE	PT 106	5	30M03	17	652550	4784170	80	10	5	0	0	5	0	A4
	111	A 120803	NIAGARA	NIAGARA-ON-THE-LAKE	PT 45.NE PT 47 (Queens'n Quarries)		30M03	17	656250	4779400	0	0	0	0	0	100	0	A3
	106	A 121007	*** NIAGARA	THOROLD	PT 29 (Ormond St. & C.N.R.tracks)		30M03	17	646510	4774730	0	0	0	0	0	100	0	A3
	106	A 121016	*** NIAGARA	THOROLD	PT 31; incityofThorold		30M03	17	645510	4774400	0	0	0	0	0	100	0	A3
	118	A 121101	NIAGARA	WAINFLEET	20 (Station Rd)	1	30L14	17	632440	4748590	80	5	15	0	0	0	0	A4
	108	A 121102	NIAGARA	WAINFLEET	PT 26 (Perry Rd)	6	30L14	17	629280	4757780	85	10	5	0	0	0	0	A4
	88	A 121201	NIAGARA	LINCOLN, WEST	PT 14(CaistorRd)	3	30M04	17	607650	4768700	0	0	100	0	0	0	0	A4
	47	A 140104	WATERLOO	CAMBRIDGE	PT 2N1/2	11	40P08	17	558850	4802050	44	2	2	0	0	52	0	A3
	52	A 140301	WATERLOO	WATERLOO	Erb St.; 40 GCT		40P07	17	534450	4809200	52	22	11	0	0	15	0	A3
	24	A 170101	WELLINGTON	GUELPH	PT 4-5S1/2	5 DIVC	40P09	17	561950	4825200	15	7	22	0	2	54	0	A1
	6	A 171001	WELLINGTON	ERIN	PT 15 E1/2	9	40P16	17	574700	4846240	80	15	1	0	0	4	0	A3
	46	A 171101	WELLINGTON	ARTHUR	PT13	WOFOS	40P15	17	525770	4863000	75	10	10	0	0	5	0	A4
	16	A 171401	WELLINGTON	GARAFRAXA, WEST	PT11	6	40P16	17	553480	4847660	80	10	10	0	0	0	0	A4
	54	A 171701	WELLINGTON	MARYBOROUGH	7	4	40P15	17	516250	4840900	75	20	0	0	0	5	0	A4
	48	A 171702	WELLINGTON	MARYBOROUGH	PT 6 E1/2	14	40P15	17	521750	4851950	75	20	0	0	0	5	0	A4
	61	A 171801	WELLINGTON	MINTO	PT 26	7	40P15	17	509220	4859810	75	5	15	0	0	5	0	A4
	40	A 172001	WELLINGTON	DRAYTON	PT 12 E1/2	13	40P15	17	529380	4847250	88	10	2	0	0	0	0	A4
	35	A 172201	WELLINGTON	PUSLINCH	PT 17S1/2	FRONT O	40P08	17	563300	4813200	84	10	5	0	0	1	0	A4

*** Industrial Sites

MINISTRY OF ENVIRONMENT WASTE DISPOSAL SITE INVENTORY, JUNE 1991
REGIONAL INVENTORY OF CLOSED WASTE DISPOSAL SITES
WEST CENTRAL REGION

Site Location: Part Lot 23, Concession 7, Town of Erin (Hillsburgh), ON

Site Easting: 569321 m E

Site Northing: 4847729 m N

Landfill <5 km from site	Distance from site (km)	Site Number	County	Municipality	Lot or Street Number	Concession	UTM Coordinates				Date Closed			Hazard Class
							NTS	Zone	East	North	Year	Month	Day	
	51	X 8074	WATERLOO	KITCHENER	Hwy. 24		40P08	17	555375	4798200	1968	*	*	NP
	40	X 8075	WATERLOO	CAMBRIDGE	9 & 10	4	40P08	17	557150	4809250	1940	*	*	NP
	45	X 8076	WATERLOO	CAMBRIDGE	Russ St.		40P08	17	552225	4805950	1968	*	*	A7
	46	X 8078	WATERLOO	CAMBRIDGE	Rogers Dr.		40P08	17	551500	4805450	1960	*	*	A7
	46	X 8079	WATERLOO	CAMBRIDGE	Margaret St.		40P08	17	552050	4805300	*	*	*	NP
	46	X 8080	WATERLOO	CAMBRIDGE	Lawrence St.		40P08	17	552350	4805000	*	*	*	A7
	43	X 8081	WATERLOO	CAMBRIDGE	Beaverdale Rd.		40P08	17	554150	4807750	1973	*	*	A7
	48	X 8082	WATERLOO	KITCHENER	Lome Cr.		40P08	17	540925	4809225	•	*	*	A7
	48	X 8084	WATERLOO	KITCHENER	Mausser Park		40P08	17	540850	4808900	*	*	*	NP
	48	X 8085	WATERLOO	KITCHENER	Victoria St.		40P07	17	539875	4810200	•	*	*	A7
	47	X 8086	WATERLOO	KITCHENER	Kent Ave.		40P08	17	542100	4809800	*	*	*	A7
	47	X 8087	WATERLOO	KITCHENER	Hurst Ave.		40P08	17	542075	4809700	*	*	*	A7
	47	X 8088	WATERLOO	KITCHENER	Palmer Ave.		40P08	17	541925	4809700	*	*	*	A7
	49	X 8089	WATERLOO	KITCHENER	Queens Blvd.		40P07	17	539550	4808750	*	*	*	A7
	49	X 8090	WATERLOO	KITCHENER	Queenmount Public School		40P07	17	539300	4808750	*	*	*	A7
	46	X 8091	WATERLOO	KITCHENER	Kinzie Ave.		40P08	17	545400	4808725	*	*	*	NP
	48	X 8092	WATERLOO	KITCHENER	Coral Cres.		40P08	17	540600	4808975	*	*	*	NP
	48	X 8093	WATERLOO	KITCHENER	Glen Rd.		40P07	17	540450	4809125	*	*	*	A7
	45	X 8094	WATERLOO	KITCHENER	Jansen Ave.		40P08	17	545900	4808725	*	*	*	A7
	49	X 8095	WATERLOO	KITCHENER	Karn St.		40P07	17	538600	4809800	*	*	*	A7
	49	X 8096	WATERLOO	KITCHENER	Weichel St.		40P07	17	538900	4809650	*	*	*	A7
	39	X 8097	WATERLOO	WOOLWICH	First St.		40P10	17	536325	4826400	*	*	*	A7
	34	A 140105	WELLINGTON	GUELPH	3	2DIVB	40P08	17	557510	4815500	1977	1	20	A1
	55	A 170107	WELLINGTON	GUELPH	Eastview Rd.		40P09	17	519048	4825250	*	*	*	A7
	53	A 170401	WELLINGTON	MOUNT FOREST	3	12	40P15	17	519940	4867325	1970	*	*	A7
	34	A 170601	WELLINGTON	ARTHUR	Preston St.		40P15	17	536050	4853075	1970	*	*	A7
	6	A 171002	WELLINGTON	ERIN	March & Hwy. 24		40P16	17	575300	4846150	1971	*	*	NP
	33	A 171501	WELLINGTON	GUELPH	2	2DIVB	40P09	17	558580	4816550	1975	5	5	A4
	57	A 171802	WELLINGTON	MINTO	PT 21 Farm; in village of Minto		40P15	17	512380	4854100	1972	7	31	A5
	57	A 171802	WELLINGTON	PALMERSTON	21	1	40P15	17	512250	4854100	1971	*	*	A7
	36	A 175501	WELLINGTON	PUSLINCH	30	8	40P08	17	571540	4811525	1975	3	21	B7
	40	X 0100	WELLINGTON	PUSLINCH	5	2	40P08	17	559400	4808525	1972	*	*	NP
	18	X 0102	WELLINGTON	ERAMOSA	5	5	40P09	17	569150	4829700	1964	*	*	NP
	6	X 0103	WELLINGTON	ERIN	15	8	40P09	17	573900	4844200	1950	*	*	NP
	21	X 0105	WELLINGTON	GARAFRAXA, WEST	20-21	6	40P16	17	548825	4845775	1967	*	*	B8
	43	X 0106	WELLINGTON	DRAYTON	Mills St.		40P15	17	526400	4844500	1966	*	*	NP
	26	X 8098	WELLINGTON	GUELPH	Riverside Park		40P09	17	558800	4823675	*	*	*	A7
	27	X 8099	WELLINGTON	GUELPH	Boult Ave.		40P09	17	562275	4821425	*	*	*	A7
	29	X 8100	WELLINGTON	GUELPH	Wellington St.		40P09	17	560525	4820375	*	*	*	A7
	30	X 8101	WELLINGTON	GUELPH	Wellington & Waterloo		40P09	17	560048	4819400	*	*	*	A7
	22	X 8104	WELLINGTON	FERGUS	Beatty Line		40P09	17	549050	4838450	1970	*	*	A1
	53	X 8106	WELLINGTON	MOUNT FOREST	Martin St.		40P15	17	520500	4868280	1970	*	*	A7
	26	X 8108	WELLINGTON	ELORA	19	13	40P09	17	545125	4837225	1970	*	*	A7
	46	X 8109	WELLINGTON	MARYBOROUGH	10	8	40P15	17	523500	4849750	1974	*	*	NP
	61	X 8110	WELLINGTON	HARRISTON	William St.		40P15	17	509800	4861860	1971	*	*	A7

Olesiuk, Joanna

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, June 19, 2024 9:33 AM
To: Olesiuk, Joanna
Subject: [EXT] RE: 2404917 TSSA Records check - Hillsburgh, Ontario

EXTERNAL EMAIL

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please 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 publicinformationservices@tssa.org.

Kind regards,

Kimberly Gage | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org

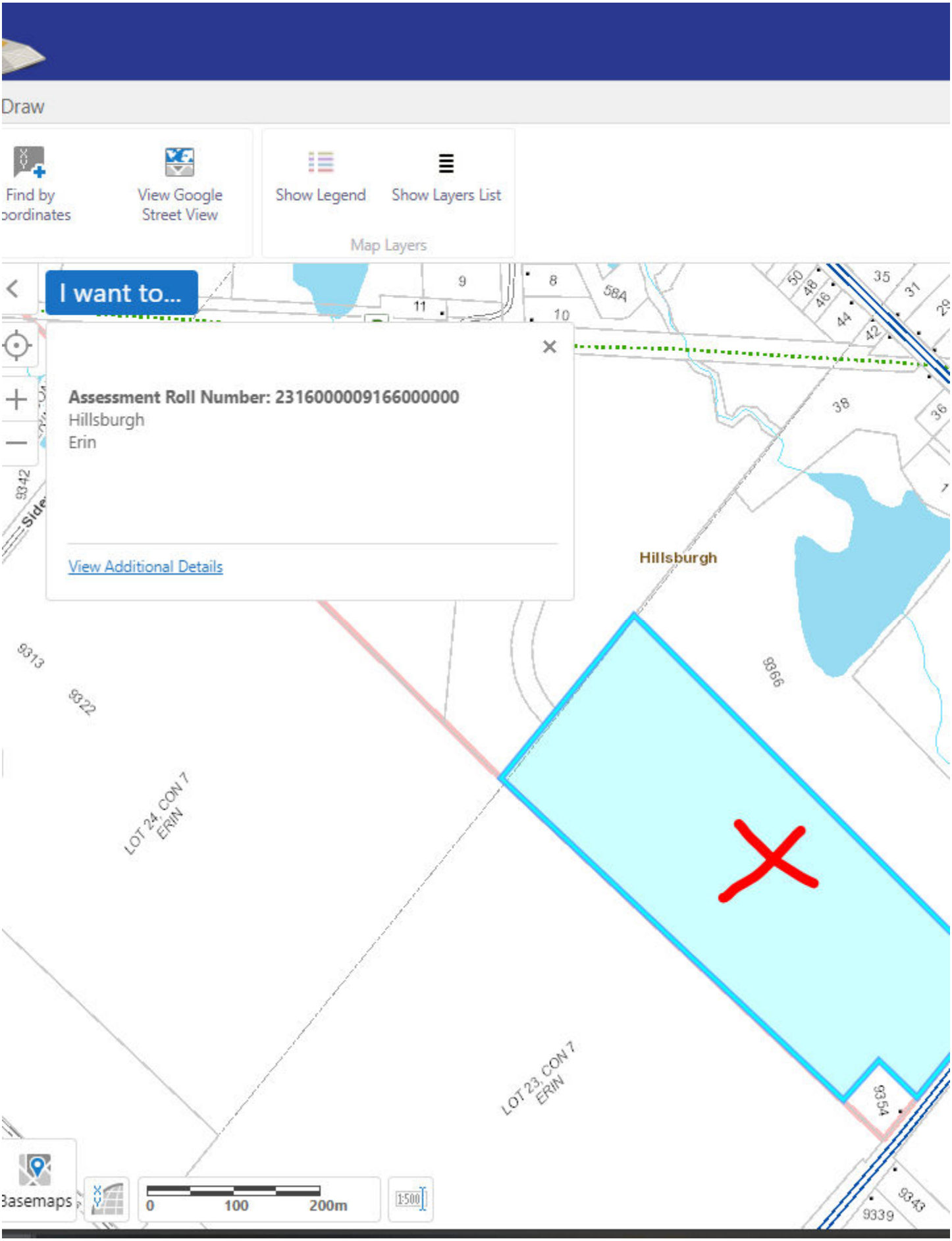
From: Olesiuk, Joanna <JOlesiuk@geiconsultants.com>
Sent: Tuesday, June 18, 2024 2:44 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: 2404917 TSSA Records check - Hillsburgh, Ontario

Good afternoon,

We are looking for any information the TSSA has on file regarding aboveground or underground fuel (gasoline, diesel, oil, waste oil etc.) storage tanks at the following properties in Hillsburgh (Erin), Ontario. Please see below for the locations of the properties which do not have a civic address:

- Part Lot 23, Concession 7, Hillsburgh, Erin, ON (please see clip below for property location)
- 9354 Wellington Road 22, Hillsburgh, Erin, ON
- 9364 Wellington Road 22, Hillsburgh, Erin, ON
- 9366 Wellington Road 22, Hillsburgh, Erin, ON
- 9368 Wellington Road 22, Hillsburgh, Erin, ON
- 9367 Wellington Road 22, Hillsburgh, Erin, ON
- 9357 Wellington Road 22, Hillsburgh, Erin, ON
- 9339 Wellington Road 22, Hillsburgh, Erin, ON
- 9343 Wellington Road 22, Hillsburgh, Erin, ON
- 9335 Wellington Road 22, Hillsburgh, Erin, ON

Part Lot 23, Concession 7, Hillsburgh, Erin, ON property location (no municipal address assigned):


Draw
Find by
oordinates
View Google
Street View
Show Legend
Show Layers List
Map Layers
I want to...
Assessment Roll Number: 2316000009166000000
Hillsburgh
Erin
View Additional Details
Hillsburgh
LOT 24 CON 7
ERIN
LOT 23 CON 7
ERIN
Basemaps
0
100
200m
1:500

Thank you. Take care.

GEI

JOANNA OLESIUK, M.A.Sc., C. Tech., P. Geo. (Limited) (she/her)
Senior Technical Specialist
519.824.8150...1253 cell: 519.239.3160
650 Woodlawn Road West Block C | Unit 2 | Guelph, Ontario N1K 1B8 | Canada

Olesiuk, Joanna

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, June 19, 2024 2:34 PM
To: Olesiuk, Joanna
Subject: [EXT] RE: 2404917 TSSA Records check - Hillsburgh, Ontario

EXTERNAL EMAIL

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please 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 publicinformationservices@tssa.org.

Kind regards,

Kimberly Gage | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org

From: Olesiuk, Joanna <JOlesiuk@geiconsultants.com>
Sent: Wednesday, June 19, 2024 1:21 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: 2404917 TSSA Records check - Hillsburgh, Ontario

Good morning,

We are looking for any information the TSSA has on file regarding aboveground or underground fuel (gasoline, diesel, oil, waste oil etc.) storage tanks at the following properties in Hillsburgh (Erin), Ontario. Please see below for the locations of the properties which do not have a civic address:

- 14 Station Street
- 9313 Wellington Road 22, Hillsburgh, Erin, ON
- 9333 Wellington Road 22, Hillsburgh, Erin, ON
- 9322 Wellington Road 22, Hillsburgh, Erin, ON
- 5770 Trafalgar Road, Hillsburgh, Erin, ON
- 5728 Trafalgar Road, Hillsburgh, Erin, ON
- 5746 Trafalgar Road, Hillsburgh, Erin, ON

Thank you. Take care.

GEI
JOANNA OLESIUK, M.A.Sc., C. Tech., P. Geo. (Limited) (she/her)
Senior Technical Specialist
519.824.8150...1253 cell: 519.239.3160
650 Woodlawn Road West Block C | Unit 2 | Guelph, Ontario N1K 1B8 | Canada

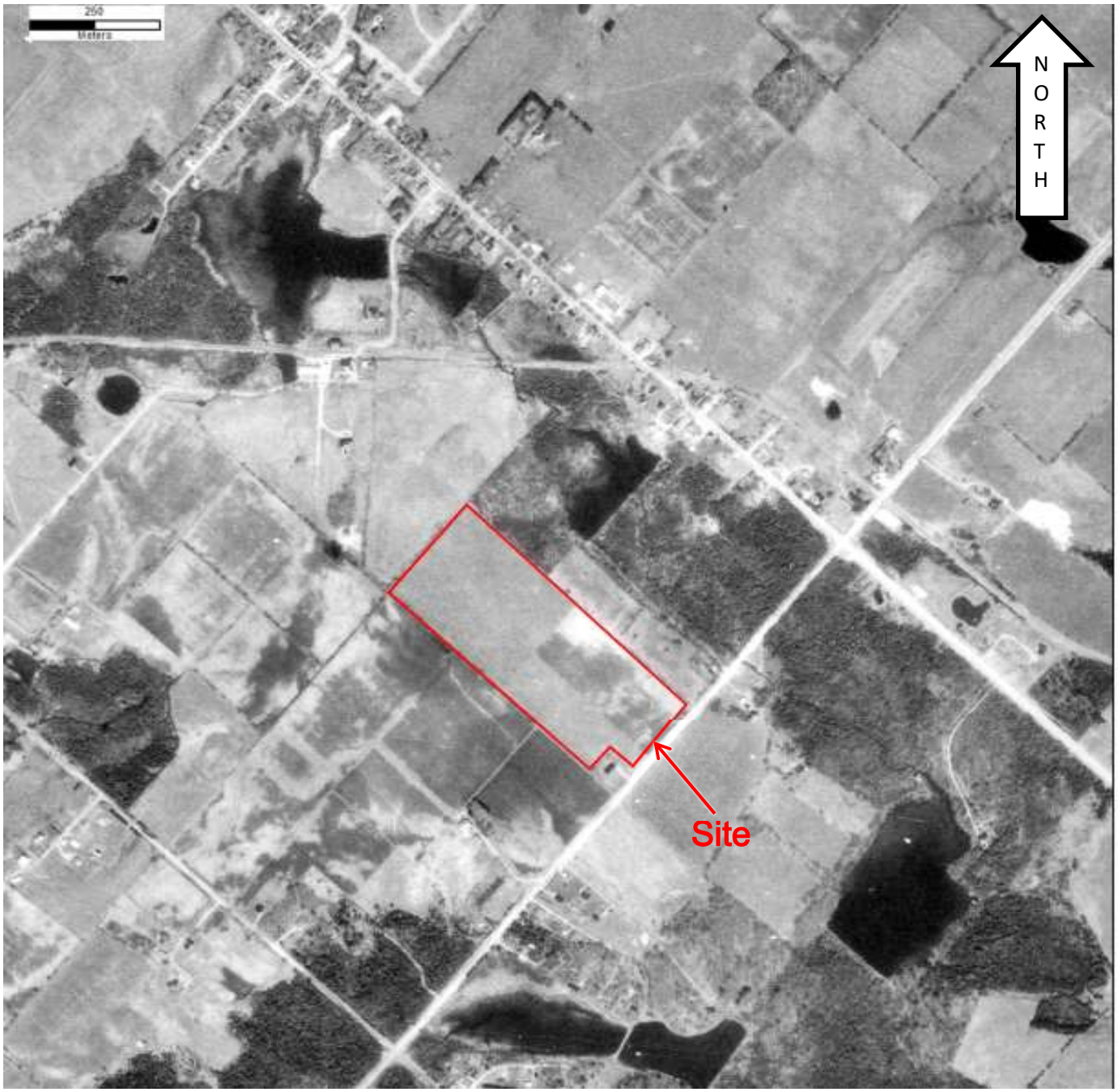
Appendix E – Aerial Photographs

Aerial Photograph - 1954
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON

Source: Grand River Conservation Authority
Original Scale: 1:16,519

GEI Consultants Canada Ltd.
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.geiconsultants.com

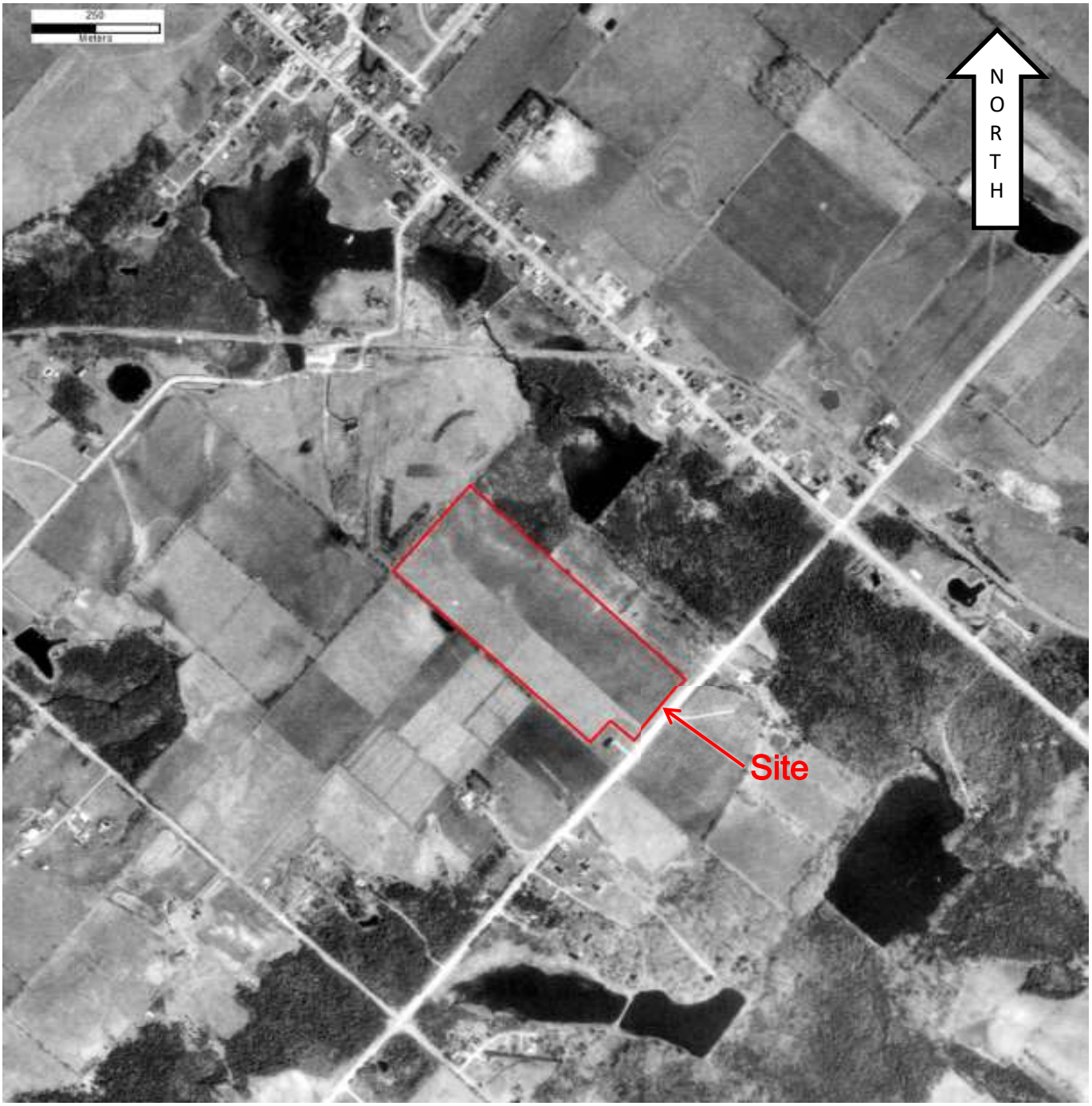
Aerial Photograph - 1978
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON



Source: National Air Photo Library
Original Scale: 1:10,000

GEI Consultants Canada Ltd.
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.geiconsultants.com

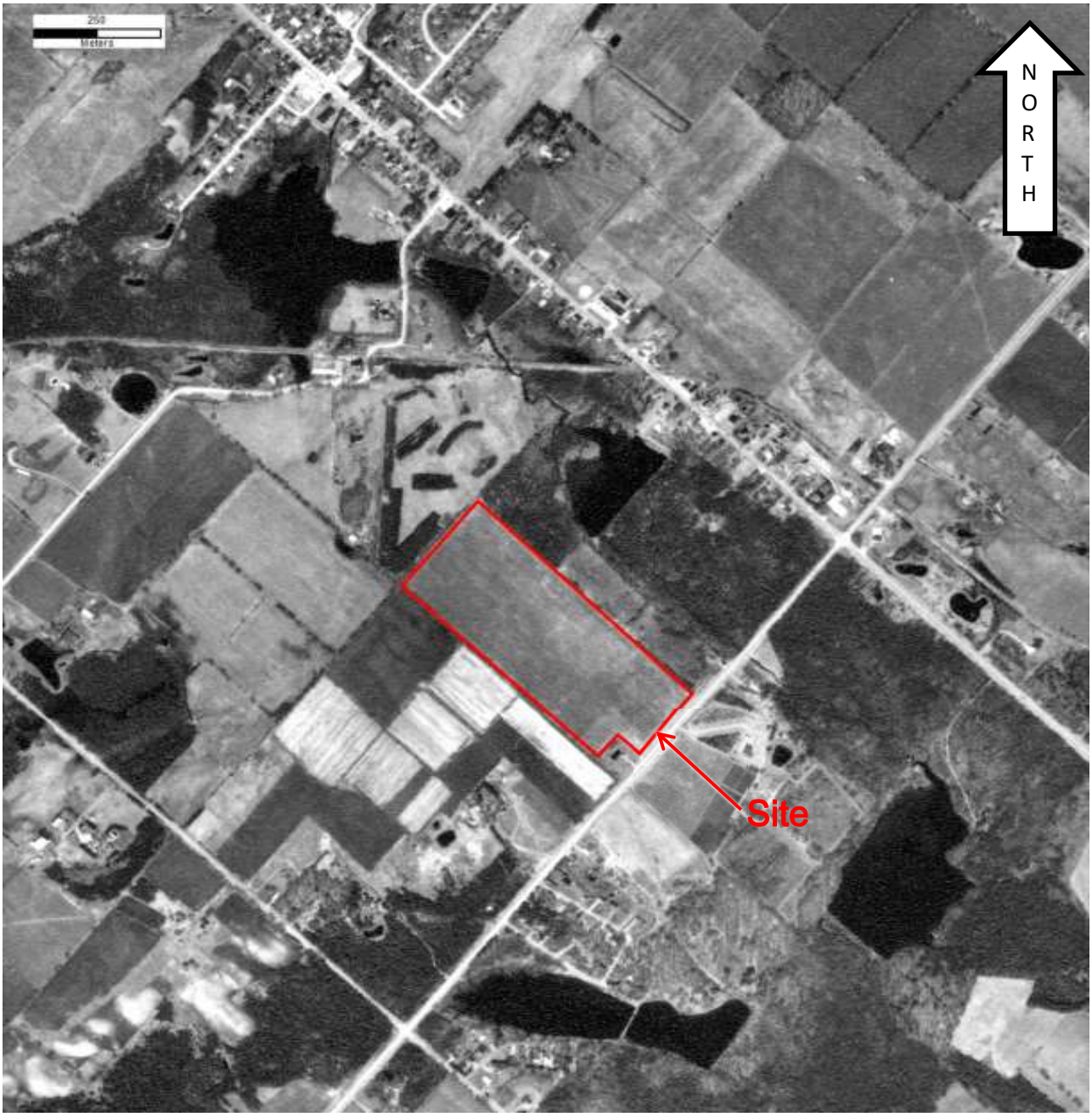
Aerial Photograph - 1980
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON



Source: National Air Photo Library
Original Scale: 1:10,000

GEI Consultants
GEI Consultants Canada Ltd.
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.geiconsultants.com

Aerial Photograph - 1990
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON



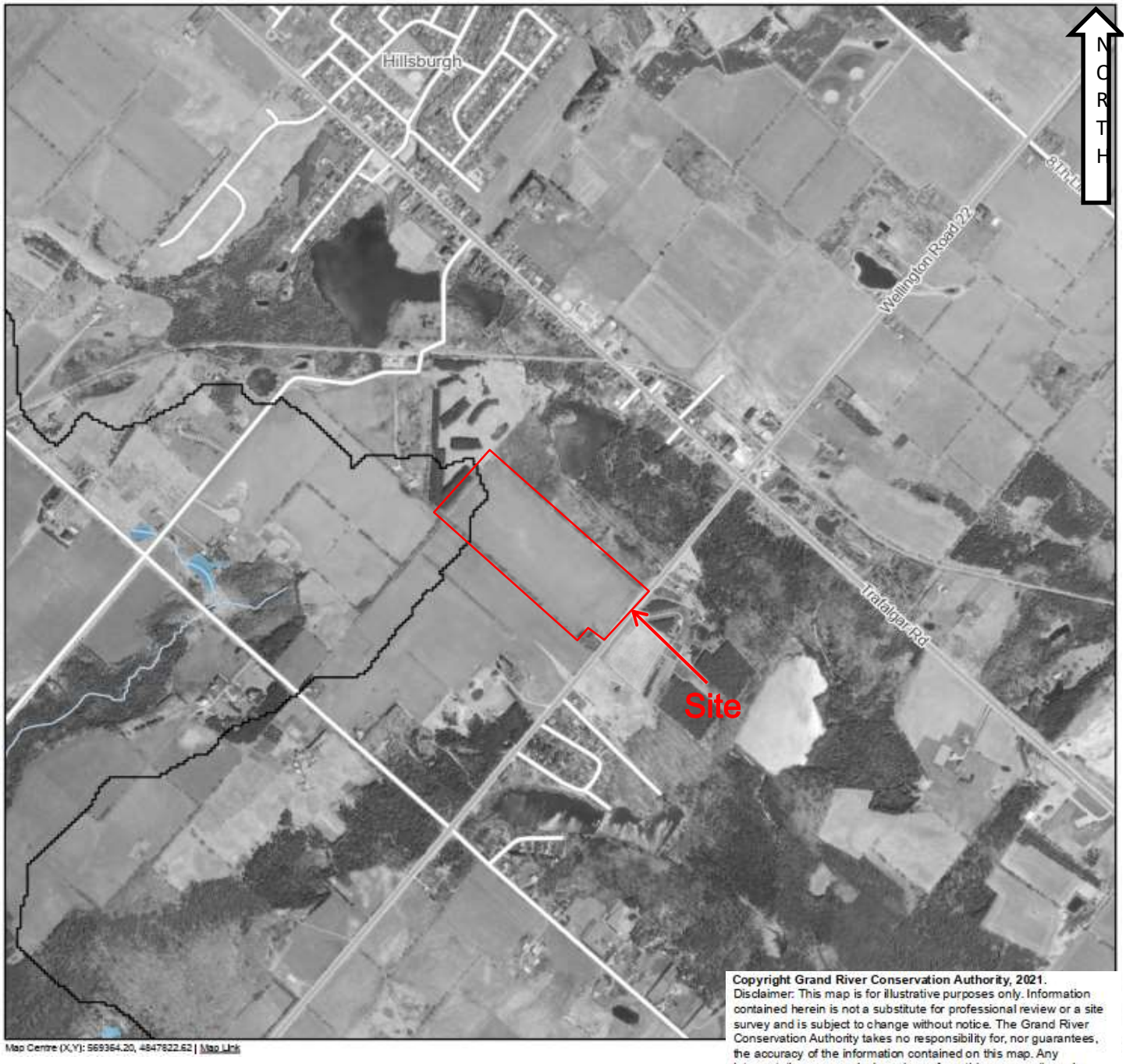
Source: National Air Photo Library

Original Scale: 1:10,000

GEI Consultants

GM BluePlan Engineering Ltd.
Guelph, Owen Sound, Listowel, Kitchener, London, Hamilton, GTA
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.GMBluePlan.ca

Aerial Photograph - 2000
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON



Map Centre (X,Y): 569364.20, 4847822.62 | Map Link

Source: Grand River Conservation Authority

Original Scale: 1:5,000

GEI Consultants

GEI Consultants Canada Ltd.
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.geiconsultants.com

Aerial Photograph - 2010
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON

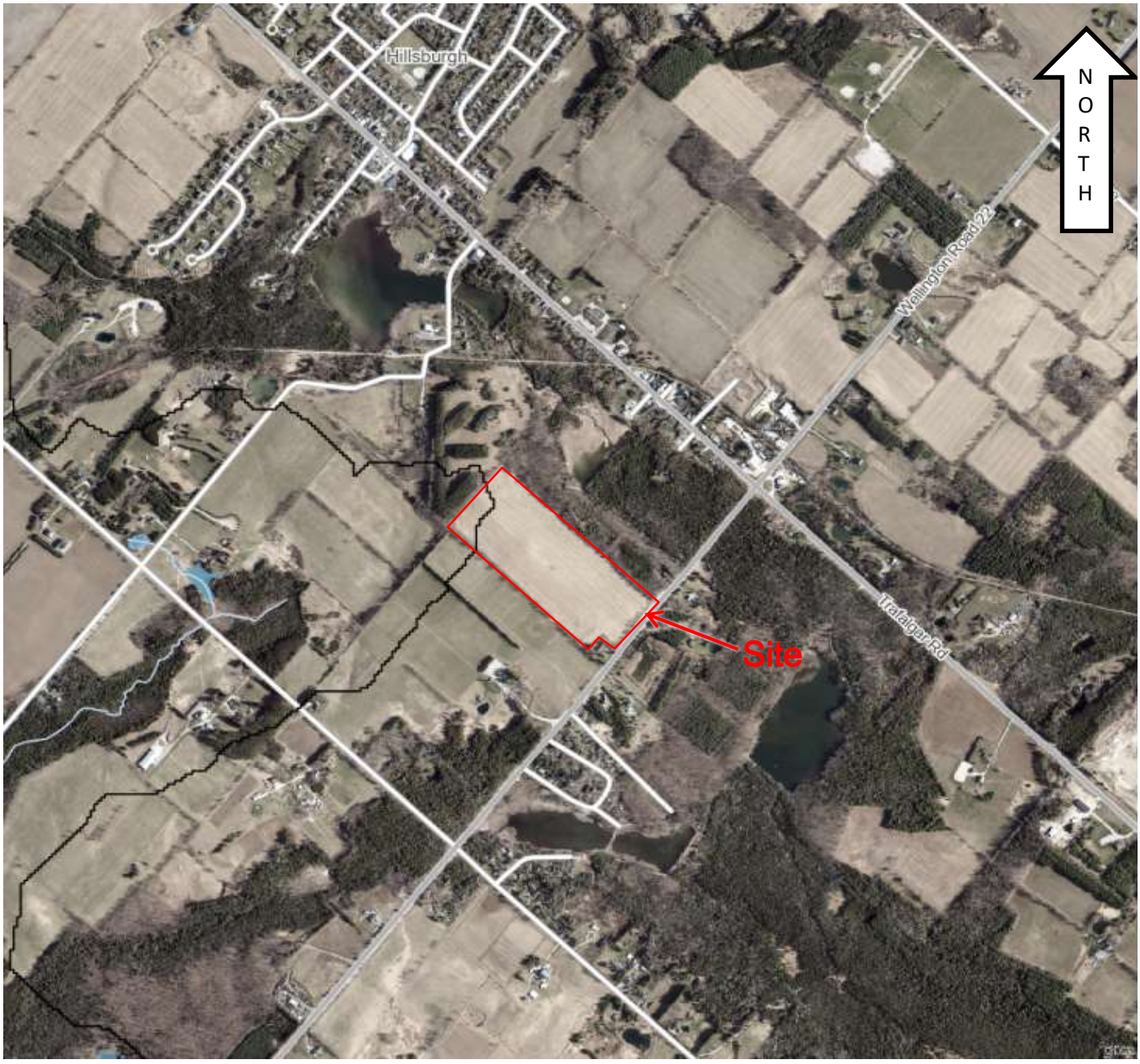
Source: Grand River Conservation Authority

Original Scale: 1:5,000

GEI Consultants

GEI Consultants Canada Ltd.
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.geiconsultants.com

Aerial Photograph - 2020
Phase I Environmental Site Assessment
Part of Lot 23, Concession 7
Town of Erin (Hillsburgh), ON



Source: Grand River Conservation Authority
Original Scale: 1:5,000

GEI Consultants Canada Ltd.
650 Woodlawn Rd. W. Block C, Unit 2, Guelph, ON N1K 1B8
www.geiconsultants.com

Appendix F – Select Site Photographs

Photograph 1: View of the subject property from Wellington Road 22, looking north.

Photograph 2: View of the northwesterly portion of the subject property, looking northwest.

Photograph 4: View of the southeasterly portion of the property, looking southeast.

Photograph 5: View of the central portion of the property from the northwesterly corner of the property, looking east.