PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5916 Trafalgar Road North,
Town of Erin, Ontario

Prepared for:

Fausto Saponara
Hillsburgh Heights Inc.
636 Edward Avenue, Suite 14,
Richmond Hill, Ontario L4C 0V4

Prepared by:

HLV2K ENGINEERING LIMITED

Project No. 2100428EE

April 25, 2022

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Hillsburgh Heights Inc.
636 Edward Avenue, Suite 14,
Richmond Hill, Ontario L4C 0V4

Attention: Mr. Fausto Saponara

Dear Mr. Saponara,

Re: Phase One Environmental Site Assessment
5916 Trafalgar Road North, Town of Erin, Ontario.

Please find enclosed a copy of the Phase One Environmental Site Assessment, in accordance with the Ontario Regulation 153/04 (as amended) related to the above-noted site.

We trust you will find this report to be complete within our terms of reference. Should you have any questions regarding the information contained in the report, or require further assistance please contact the undersigned at HLV2K's office.

For and on behalf of HLV2K Engineering Limited.

John (Gianni) Lametti, QP_{ESA}, P.Eng.
Principal & Environmental Manager

2179 Dunwin Drive, Mississauga, ON L5L 1X2
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1 EXECUTIVE SUMMARY

HLV2K Engineering Limited (HLV2K) was retained by Hillsburgh Heights Inc. (hereinafter referred to as the Client) to conduct a Phase One Environmental Site Assessment (ESA) report for the property located at 5916 Trafalgar Road North, Town of Erin, Ontario (hereinafter referred to as the site and Phase One Property). The Phase One Property is situated in a mixed rural, residential, and agricultural area. The property is southwest of Trafalgar Road, between Sideroad 27 to the northwest and Upper Canada Drive to the southeast. The Phase One Property is surrounded by residential housing, agricultural fields, and forested areas.

The current land use of the Phase One Property is Agricultural or Other use. The purpose of the Phase One ESA is to identify any Potential Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) on the property in order to apply for a Record of Site Condition (RSC).

Commission and Brief	
Client	Fausto Saponara
Commission	Phase One ESA in accordance with O. Reg. 153/04 (as amended)
Purpose	Assess the Phase One Property from an environmental perspective by conducting a Phase One ESA in accordance with Ontario Regulation 153/04 as amended to identify any Potential Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) on the property in order to apply for a Record of Site Condition (RSC).
Phase One Property and Study Area	
Phase One Property	The Phase One Property is located at 5916 Trafalgar Road North, Town of Erin, Ontario. Part of Lot 26 Concession 7, Town of Erin Plan 61R-9590 as in RO760763; Erin S/T Easement in Favour of the Corporation of the Town of Erin Over Part 2, 61R8627 As in LT66248. The Phase One Property consists of one (1) land parcel with PIN 71139-0239 (LT), Part 1 with an area of 113.819 acres and Part 2 with an area of 2.546 acres. The total area is 47.09 Ha (116.36 acres).
Study Area	250 m zone around the Phase One Property boundaries.
Current Land Use and Description	The current land use is agricultural or other. The land is still being farmed and varies in elevation throughout the property that slopes towards a branch of the Credit River to the southeast.
History	Part of Lot 26 Concession 7, Town of Erin Plan 61R-9590 as in RO760763; Erin S/T Easement in Favour of the Corporation of the Town of Erin Over Part 2, 61R8627 As in LT66248. **PIN 71139-0239 (LT)** • Crown until 1823. • From the crown to 1875, the land was vacant or farmed. • In 1875 a farmhouse was constructed on the property, and the barn was constructed in 1878.

	• From 1823 to the present, the property has been in agricultural or other use. • Currently, the Phase One Property is still being farmed and, it contains one (1) farmhouse, three (3) barns, and multiple farm fields. The buildings are mostly made of brick, concrete, and wood. There is a path from the front of the property to the back between the farm fields. Some areas of this path were filled with gravel and asphalt and the driveway is made of gravel a strong indication that fill was brought to the Phase One Property.
Records Review	
Historical Records Review	Chain of Title Search; Fire Insurance Plans; Illustrated atlases; Topographical, Physiography, and Geological Maps; Aerial photographs (Historical and Present); Government Records for Spills, Notices, and any available environmental databases including but not limited to Water Well Information; Waste disposal Sites; Waste Generator and Receiver Information, Inventory of PCB Sites, Private & Retail Fuel Storage Tanks (TSSA); Well Head Protection Areas and Areas of Natural Significance
Critical Findings	Based on the Historical Records Review, there is a possible impact from the Phase One Property including the pesticide uses for agricultural purposes, the previous underground storage tank for fuel oil tank on-site and fill material that had been brought to the site.
Environmental Source Information	**"Phase I Environmental Site Assessment Summary Letter Report due diligence for proposed development – 5916 Trafalgar Road North, Town of Erin (Hills burgh)" dated September 30, 2020, and Reference No. 2009-E020 prepared by Soil Engineers Ltd.** • The Phase I property has been used for agricultural purposes for many years. The property has a barn and residential structures in the eastern-center portion. • According to the topography of the property, groundwater flow is expected to be in the southeast direction. • A total of three (3) PCA was identified based on the review of records, interview, and site inspections which includes pesticides used for agricultural activities, Fill material brought to the site in the center-eastern portion of the property, and one aboveground storage tank was located on the north side in the past, used for heating the house. • Based on the PCAs and APECs, a Phase II ESA is recommended. **"Preliminary Geotechnical Investigation for Proposed development for 5916 Trafalgar Road North, Town of Erin (Hills burgh)" dated October 2020 and Reference No. 2009-S020 prepared by Soil Engineers Ltd.** • The purpose of this report was to determine the surface conditions and engineering properties of the disclosed soils for future development. • During the time of the investigations, the property was a farm field with a house. The elevation of the site has a difference greater than 20 m across the property. • Twelve (12) boreholes were drilled to a depth ranging from 6.2 to 6.6m

	(bgs), performed on September 22nd and 23rd, 2020. • The track-mounted continuous-fight power auger was used for soil sampling, standard Penetration tests were performed at each sampling depth and split-spoon samples were used for soil classification and the chemical analysis. • All Twelve (12) boreholes were dry and minor seepage was evidenced in Borehole 9 at a depth of 6 m bgs. • Soil Engineers Ltd recommended that the topsoil veneer should be removed, and earth fill and topsoil fill at Borehole 6 should be excavated. The debris from the existing structures and foundation should be removed and disposed of off-site. Earth fill is required to raise the level of the site. The conventional footing was recommended on this site, and the bearing capacity for the foundation must be inspected by a geotechnical engineer. • The Soil Engineering Ltd recommended that further investigation may be required based on the design for the proposed development is finalized. **"Summary of the soil sampling plan prepared by the Soil Engineering Ltd", dated October 2020 for 5916 Trafalgar Road North, Town of Hills burgh, and Reference No. is 2009- E020.** • A total of eight (8) test pits were taken across the site and analyzed. The result of the chemical analysis shows that there was exceedance found at test pits TP3 and TP7. • Test pits samples from 1 to 5 were collected on the northwest and southwest of the property and the remaining three (3) test pits were collected on the northeast and southeast of the site. • The values were compared to the MECP Table 8 RPI/ICC. • A total of five (5) boreholes were drilled on the property mainly on the northeast portion named BH101, BH102, BH103, BH104, and BH105.
Aerial Photographs	A detailed assessment regarding the nature of the development of the Phase One Property was made via aerial photography from 1954 to 2018. • The aerial photographs show the Phase One Property as agricultural land with a farmhouse and a barn visible since the earliest aerial photograph available in 1954 with minimal change throughout the years. • A creek is visible on the east side of the property flowing north to south. • The aerial photographs show the surrounding areas as mainly undeveloped land and agricultural fields with farmhouses.
Topography, and Geology	The ground surface elevation of the site is approximately 460 m to 470 m above sea level (asl) varying throughout the property. The surrounding land slopes towards a tributary of the Credit River (Erin Branch), which runs to the southeast of the Phase One Property. The surficial deposits in the immediate vicinity of the Site are mapped as Orangeville Moraine with materials consisted of sand and gravel including some till or silt. The western side of the Site is modern alluvial deposits.

	Bedrock is comprised of upper Silurian to lower Devonian of Guelph Formation. The bedrock surface is expected to be approximately 60 mbgs. None of the boreholes drilled for this investigation reached the bedrock.
Hydrogeology	The closest water body is a pond draining into Credit River (Erin Branch) approximately 430 m southeast of the site. There is an intermittent creek approximately 40 m south and southwest of the property boundary flowing east to west into the pond. The intermittent creek was not observed at the time of the site visit and is considered a seasonal creek. The nearest river is located to the southeast, which is a branch of the Credit River. The Groundwater table is approximately 20 meters below ground surface (m bgs). A portion of the Phase one Property fall within the well-head protection area for the Town of Erin.
Interview	
Interviewee:	Date: August 16, 2021 Weather: N/A Interviewee: The interview was conducted with the previous owner of 5916 Trafalgar Road Assessor: Whitney Goodwin Duration: N/A
Site Reconnaissance	
Whitney Goodwin Date: August 17th, 2021	The most notable observations were: • The site is a farming property, it contains one (1) farmhouse and three (3) barns, and multiple farm fields. • The buildings are mostly made of brick, concrete, and wood. • There is a path from the front of the property to the back between the farm fields. Some areas of this path were filled with gravel and asphalt. • The driveway is made of gravel. • The house gets water through a well and uses a septic tank for waste. • There is a propane tank on-site for heating in the house. • There is a boat, a trailer, some tires, and a truck stored on site. • Former UST was located onsite and was removed by others. • No staining was noted surrounding the barn and the house on site. • The land surrounding the farmhouse is still being farmed.
Evaluation	
Potential Contaminating Activity (PCA)	A total of three (3) PCAs were identified within 250 m of the Phase One Property. The PCAs are as follows: • PCA #40: Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications. • PCA #30: Importation of Fill Material of Unknown Quality • PCA #28: Gasoline and Associated Products Storage in Fixed Tanks
Areas of Potential	A total of four (4) APECs were identified:

Environmental Concern (APECs)	• APEC 1 – PCA #40 – Use of pesticides for agricultural purposes. • APEC 2 - PCA #30 – Presence of bricks and tires in some areas and gravel driveways with a fill of unknown quality. • APEC 3 – PCA #28 – Historic presence of a fuel oil storage tank on-site.
Contaminants of Potential Concern	• Petroleum Hydrocarbons (PHCs); • Volatile Organic Compounds (VOCs) including Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX); • Polychlorinated Biphenyls (PCBs); • Polycyclic Aromatic Hydrocarbons (PAHs); and, • Metals and metal forming hydrides • Organochlorine Pesticides (OCPs);
Uncertainty/ Absence of Information	All information that was requested has been received.
Conclusions and Recommendations	
Conclusions	Based on the historical searches, site reconnaissance, and interviews, APECs were identified within the Phase One Property. It is recommended that an intrusive investigation be carried out to assess the quality of the soil and groundwater through a Phase Two ESA.
Recommendations	For the purpose of submitting a Record of Site Condition (RSC) for filing under subsection 168.4 (1) of the Act in respect of the Phase One Property, an RSC cannot be filed based on a stand-alone Phase One ESA Report. A Phase Two ESA is required for this site.
Limitations	The Client may use the findings in this report for these purposes subject to the *Statement of Limitations*, which forms an integral part of this document. No other third parties are entitled to rely upon this report without the express written consent of HLV2K Engineering Limited. Any use, that a third party makes of this report, is the sole responsibility of the said third party; HLV2K Engineering Limited accepts no responsibility for any damages.

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2 INTRODUCTION

HLV2K Engineering Limited (HLV2K) was retained by Hillsburgh Heights Inc. (hereinafter referred to as the Client) to conduct a Phase One Environmental Site Assessment (ESA) report for the property located at 5916 Trafalgar Road North, Town of Erin, Ontario (hereinafter referred to as the site and Phase One Property). The Phase One Property is situated in a mixed rural, residential, and agricultural area. The property is southwest of Trafalgar Road, between Sideroad 27 to the northwest and Upper Canada Drive to the southeast. The Phase One Property is surrounded by residential housing, agricultural fields, and forested areas.

The current land use of the Phase One Property is Agricultural or Other use. The purpose of the Phase One ESA is to identify any Potential Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) on the property in order to apply for a Record of Site Condition (RSC).

2.1 Phase One Property Information

A summary of the Phase One Property Information and the contact information of the owner is provided in the following **Table 1** and **Table 2**.

The location of the Phase One Property is presented in **Drawing 1**.

The Legal Survey of the Phase One Property is presented in **Appendix A.**

Table 1: Phase One Property Information – Authorization and Regulation

Parameters	Information
Work Authorization	Authorization to proceed with the Phase One ESA was received on April 12, 2022.
Purpose of Phase One ESA	To identify any Potential Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) on the property in order to apply for a Record of Site Condition (RSC).
Record of Site Condition (RSC)	A Record of Site Condition will be required since the Town of Erin will require it for land conveyance prior to residential development.
Regulation/Guideline used for Phase One ESA	Ontario Regulation (O. Reg.) 153/04 (as amended).
Sampling and Testing	The Phase One ESA does not include any quantifying, sampling, or testing of soil, groundwater, or building materials (if present) on the Phase One Property. Such analysis would be carried out in a Phase Two ESA or a designated hazardous building materials survey if warranted.
Reliance of Report	The findings in this report may be used and relied upon by the Client. No other third parties are entitled to rely upon this report without the express written consent of HLV2K Engineering Limited. Any use that a third party makes of this report is the sole responsibility of the said third party; HLV2K Engineering Limited accepts no responsibility for any damages.

Table 2: Phase One Property Information – Location and Legal Description

Parameters	Information
Location/ Address	5916 Trafalgar Road North, Town of Erin, Ontario **Drawing 1: Site Location Plan**
Property Identification Numbers (PINs)	PIN # 71139-0239 (LT)
Legal Description	Part of Lot 26 Concession 7, Town of Erin Plan 61R-9590 as in RO760763; Erin S/T Easement in Favour of the Corporation of the Town of Erin Over Part 2, 61R8627 As in LT66248. **Appendix A: Legal Survey**
Shape	The Phase One Property consists of one (1) land parcel with PIN 71139-0239 (LT), Part 1 with an area of 113.819 acres and Part 2 with an area of 2.546 acres. The total area is 47.09 Ha (116.36 acres).
Access to the Phase One Property	Access to Phase One Property is from Trafalgar Road North.
Occupancy	Agricultural
Current Land Use	Agricultural or Other
Proposed Future Land Use	Residential
Phase One Property Owner	Hillsburgh Heights Inc.
Phase One Property Contact	**Fausto Saponara** Email: fausto@briarwoodhomes.ca

The Qualified Person (QP) from HLV2K was retained by the Client for carrying out the Phase One ESA.

3 SCOPE OF INVESTIGATION

The Phase One ESA scope of the investigation is presented in the following **Table 3**.

Table 3: Phase One ESA Scope of Investigation

Parameters	Information
Regulation/ Guideline used for Phase One ESA	The Phase One ESA is to be carried out in accordance with Parts I through VI of Schedule D of O. Reg. 153/04 (as amended), made under the Environmental Protection Act (R.S.O. 1990, Chapter E.19).
Records Review	The records review for the Phase One Property and the Phase One study area (A minimum 250-meter (m) zone around the property boundaries) will include a review and interpretation of Chain of Title Search, Fire Insurance Plans, Aerial Photographs Historical, and Current, Topographical, Physiography, and Geological Maps, Previous Phase One ESA, Phase Two ESA, and Geotechnical Reports if available, Well Head Protection Areas, Areas of Natural and Scientific Interest (ANSI) maintained by MNR, Water Well Information System, Permits to Take Water, Waste Disposal, Sites, Waste Generator and Receiver Information (Ontario Regulation 347), Private and Retail Fuel Storage Tanks (TSSA), Coal Gasification Plants and Coal Tar and Related Tar Industries, Certificates of Approval, Environmental Compliance Reports, Orders, Spills, Notices, Offences or Inspection Reports by the MECP, Inventory of PCB Storage Sites, RSC on adjoining property, Certificates of Property Use, National Pollution Release Inventory (NPRI), National PCB Inventory and all other available illustrated atlases, land registry records, and government records. Environmental Risk Information Service (ERIS) Database Report was obtained for a search in all available environmental databases, which included but not limited to the following databases: • National Pollutant Release Inventory (NPRI); PCB information; Environmental Approvals, permits and certificates; • Inventory of coal gas plants; Records concerning environmental incidents; • Waste management records including Ontario Regulation 347 Waste Generators; • Fuel storage tanks information including the Technical Standards and Safety Authority (TSSA) database; • Landfill information; and, • Records of Site Condition. All information that can be obtained via a Freedom of Information (FOI) request was obtained through the ERIS Database report for a record search in relation to any reportable spills, orders, and convictions associated with the Phase One Property.
Interviews	Interview with the knowledgeable person for the Phase One Property.
Site Reconnaissance	The site reconnaissance consisted of a walk-through of the Phase One Property and the Phase One Study Area, including a visual inspection of the current land use to validate the current and past land, uses of Phase One Property that will be identified by the historical searches. The visual inspection of the property

Parameters	Information
	was also used to identify the potential presence of staining, distressed vegetation on the ground surface.
Evaluation	The information gathered from the records review, interview, and site reconnaissance were reviewed and evaluated for any Potentially Contaminating Activities (PCAs) and any Areas of Potential Environmental Concerns (APECs).
Reporting	Preparation of a Phase One ESA Report, which summarizes the findings and provides recommendations for further investigation (if necessary).

4 RECORDS REVIEW

4.1 General

The historical records review of current and past land use of the Phase One Property and the surrounding areas included:

- Land registry records;
- Chain of Title Search;
- Fire Insurance Plans;
- Topographical, Physiographical, Geological Maps; and,
- Aerial photographs (historical and current).

4.1.1 Phase One Study Area Determination

According to Ontario Regulation 153/ 04, an area that encompasses a minimum 250 m zone around the Phase One Property boundaries (Phase One Study Area) was established to assess Potentially Contaminating Activities (PCAs) associated with current and historical land uses of the surrounding properties, which may potentially affect the environmental quality of the soil and groundwater on, in or under the Phase One Property. Any properties wholly or partly located within the 250 m zone were included in the assessment.

An ERIS Database report was obtained for the Phase One Study Area. Additional searches for other records and databases not included in the ERIS report or the city directory search were updated specifically for the Phase One Property.

4.1.2 First Developed Use Determination

The first developed use was determined from a review of the Aerial Photographs (**Appendix B**), an interview with a knowledgeable person, and the Chain of Title search from Crown Land onwards.

Based on the chain of title, it was a farming land since 1823. According to the observation made from the aerial images, the Phase One Property has had a house/structure on it since at least 1954. According to the previous property owner, the house was constructed in approximately 1875 and the barn was constructed in 1878.

Therefore, the first developed use is determined to be in 1875 as Agricultural or Other use.

4.1.3 Fire Insurance Plans

A search for any available Fire Insurance Plans (FIP) was conducted through ERIS. No FIPs were found for the property.

4.1.4 Chain of Title

A Chain of Title search for the Phase One Property was updated; the following table is a summary of the chain of Title (**Table 4**).

Table 4: Chain of Title

Phase One Property - PIN # 71139-0239 (LT)		
Year	**Party From**	**Party To**
1823	Crown	Matthew Crooks
1833	Ramsay Crooks exor. for Matthew Crooks –	William Crooks

	Estate	
1854	William Crooks	Donald MacMurchy
1910	Donald MacMurchy	Charles W. MacMurchy
1943	Charles W. MacMurchy	Lillian Mae MacMurchy & Donald MacMurchy
1996	Lillian Mae MacMurchy – Estate Donald MacMurchy – Estate	Robert Donald MacMurchy, Mary Louise MacMurchy, & Charles Harvey MacMurchy
2001	Robert Donald MacMurchy et al.	The Corporation of the Town of Erin
2004	Robert Donald MacMurchy et al.	Pasquale D'Angelo & Maria D'Angelo
2021	Maria D'Angelo (Surviving Joint Tenant)	Hillsburgh Heights Inc.

The chain of titles is attached in **Appendix D**.

4.1.5 Environmental Reports

"Phase I Environmental Site Assessment Summary Letter Report due diligence for proposed development – 5916 Trafalgar Road North, Town of Erin (Hills burgh)" dated September 30, 2020, and Reference No. 2009-E020 prepared by Soil Engineers Ltd.

- The Phase I property has been used for agricultural purposes for many years. The property has a barn and residential structures in the eastern-center portion.
- According to the topography of the property, groundwater flow is expected to be in the groundwater direction.
- A total of three (3) PCA was identified based on the review of records, interview, and site inspections which includes pesticides used for agricultural activities, Fill material brought to the site in the center-eastern portion of the property, and one (1) aboveground storage tank was located on the north side in the past, used for heating the house.
- Based on the PCAs and APECs, a Phase II ESA is recommended.

"Preliminary Geotechnical Investigation for Proposed development for 5916 Trafalgar Road North, Town of Erin (Hills burgh)" dated October 2020 and Reference No. 2009-S020 prepared by Soil Engineers Ltd.

- The purpose of this report was to determine the surface conditions and engineering properties of the disclosed soils for future development.
- During the time of the investigations, the property was a farm field with a house. The elevation of the site has a difference greater than 20 m across the property.
- Twelve (12) boreholes were drilled to a depth ranging from 6.2 to 6.6m (bgs), performed on September 22nd and 23rd, 2020.
- The track-mounted continuous-fight power auger was used for soil sampling, standard Penetration tests were performed at each sampling depth and split-spoon samples were used for soil classification and the chemical analysis.
- All Twelve (12) boreholes were dry and minor seepage was evidenced in Borehole 9 at a depth of 6 m bgs.
- Soil Engineers Ltd recommended that the topsoil veneer should be removed, and earth fill and topsoil fill at Borehole 6 should be excavated. The debris from the existing structures and foundation should be removed and disposed of off-site. Earth fill is required to raise the level of the site. The conventional footing was recommended on this site, and the bearing capacity for the foundation must be inspected by a geotechnical engineer.
- The Soil Engineering Ltd recommended that further investigation may be required based on the design for the proposed development is finalized.

“Summary of the soil sampling plan prepared by the Soil Engineering Ltd”, dated October 2020 for 5916 Trafalgar Road North, Town of Hills burgh, and Reference No. is 2009- E020.

- A total of eight (8) test pits were taken across the site and analyzed. The result of the chemical analysis shows that there was exceedance found on test pit 3 and test pit 7.
- Test pits samples from 1 to 5 were collected on the northwest and southwest of the property and the remaining three (3) test pits were collected on the northeast and southeast of the site.
- The values were compared to the MECP Table 8 RPI/ICC.
- A total of five (5) boreholes were drilled on the property mainly on the northeast portion named BH101, BH102, BH103, BH104, and BH105.

4.2 Environmental Source Information

A search in Federal, Provincial and Private Databases about the Phase One Property and surrounding properties within the Phase One Study Area was carried out by reference to the following information providers:

- Technical Standards and Safety Authority (TSSA) database search (**Appendix E**)
- ERIS Database Report (Order No: 21081100098) dated August 16, 2021 (**Appendix F**).

A summary of the records about the study area interpreted from the ERIS report is provided in the following **Table 5.**

Table 5: Summary of Environmental Source Information

Required Database		Phase One Property	Phase One Study Area	Records about the required database and related optional databases
i.	National Pollutant Release Inventory (NPRI)	0	0	No records were found.
ii.	Certificates of Approval (CA)	0	0	No records were found.
iii.	Commercial Fuel Oil Tanks (CFOT)	0	0	No records were found.
iv.	Pesticide Register (PES)	0	0	No records were found.
v.	*Permit to Take Water (PTTW)*	0	0	No records were found.
vi.	*Inventory of Coal Gasification Plants and Coal Tar Sites (COAL)*	0	0	No records were found.
vii.	*Environmental Activity and Sector Registry (EASR)*	0	0	No records were found.
viii.	*List of Expired Fuels Safety Facilities (EXP)*	0	0	No records were found.
ix.	*Ontario Regulation 347 Waste Generators Summary (GEN)*	0	1	One (1) record was found. • One (1) record found 203.3m east-northeast of the Phase One Property; Located at 20 Queen Street as Veterinary Allergy Dermatology Ear Referral Clinic. **The site is cross-gradient relative to the property, no impact is expected.**
x.	*Record of Site Condition (RSC)*	0	0	No records were found.
xi.	*Retail Fuel Storage Tanks (RST)*	0	0	No records were found.
xii.	*Environmental Registry (EBR)*	0	0	No records were found.
xiii.	*ERIS Historical Searches (EHS)*	3	0	Three (3) records were found on the Phase One Property. • Three (3) records were found for 5916 Trafalgar Road North and were for Custom Reports completed in September 2020. **The records simply indicate that historical searches were conducted on these properties.**
xiv.	*Water Well Information System (WWIS)*	4	34	Four (4) records were found on the Phase One Property. • Four (4) records found on the Phase One Property, no environmental or health impacts reported. (Well ID# 5737485, 6709502, 6703364 & 6704469) Thirty-Four (34) records were found surrounding the Phase One Property.

Required Database	Phase One Property	Phase One Study Area	Records about the required database and related optional databases
			• Two (2) records found upgradient relative to the Phase One Property, no environmental or health impacts reported (Well ID# 7219237 & 6705915) • Thirty-two (32) records were found down or cross-gradient relative to the Phase One Property, no impact expected. (Well ID# 6705933, 6700714, 6714075, 6707858, 7249486, 6712436, 6705909, 7278147, 6713318, 6708389, 6711628, 6713631, 7264117, 6700740, 6700738, 6711348, 6708826, 6704918, 6708616, 6709042, 6707164, 6700741, 6708625, 6713887, 7266474, 6707861, 6703896, 6708360, 6706900, 7197600, 6700742, 6709157)
xv. Environmental Condition Reports	0	0	No records were found.
xvi. Areas of Natural Significance	0	1	One (1) record was found. • One (1) record was found for the Hillsburgh Meltwater Channel 800 m Northeast of the Phase One Property.
xvii. TSSA Pipeline Incidents (PINC)	0	2	Two (2) records were found. • One (1) record was found 197.7 m east-southeast of the Phase One Property; Located at 63 Leader Court. Pipeline incident, the release of natural gas into the air, **no impact is expected.** • One (1) record was found 266.4 m east of the Phase One Property; Located at 119 Trafalgar Road. Pipeline incident, the release of natural gas into the air, **no impact is expected.**
xviii. Fuel Storage Tank (FST)	0	0	No records were found.
xix. Fuel Storage Tank – Historic (FSTH)	0	0	No records were found.
xx. Ontario Spills (SPL)	0	1	One (1) record was found. • One (1) record was found 266.4 m east of the Phase One Property; Located at 119 Trafalgar Road. Natural gas released into the air, and **no impact is expected.**
xxi. Fuel Oil Spills and Leaks (INC)	0	0	No records were found.
xxii. TSSA Historic Incidents (HINC)	0	1	One (1) record was found. • One (1) record was found 295.3 m southeast of the Phase One Property; Located at 31 George Street. Natural gas is released into the air, and **no impact is expected.**

Required Database		Phase One Property	Phase One Study Area	Records about the required database and related optional databases
xxiii.	*Private and Retail Fuel Storage Tanks (PRT)*	0	0	No records were found.
xxiv.	*Anderson's Storage Tanks (TANK)*	0	0	No records were found.
xxv.	*Scott's Manufacturing Directory (SCT)*	0	0	No records were found.
xxvi.	*Andersons Waste Disposal Sites (ANDR)*	0	0	No records were found.
xxvii.	*Automobile Wrecking and Supplies (AUWR)*	0	0	No records were found.
xxviii.	*Certificates of Property Use (CPU)*	0	0	No records were found.
xxix.	*National PCB Inventory (NPCB)*	0	0	No records were found.
xxx.	*Inventory of PCB Storage Sites (OPCB)*	0	0	No records were found.
xxxi.	*DTNK*	0	0	No records were found.
xxxii.	*Ontario Regulation 347 Waste Receivers Summary (REC)*	0	0	No records were found.

No potentially contaminating activity (PCA) was found to be upgradient from the property in the area surrounding the Phase One Property and no impact is expected.

A summary of the Ontario Regulation 347 Waste Generators is provided in **Table 6**.

Table 6: Summary of Ontario Regulation 347 Waste Generators

Address	Company and Generator #	Approval Years	Waste Code and Waste Description
20 Queen Street, Morriston, Ontario	Generator #: ON4256483 Veterinary Allergy Dermatology Ear Referral Clinic	As of 2021	SIC Code/Description and Waste Code/Description: 312: Pathological Wastes

No impact is expected from the above-noted records.

4.3 Physical Setting Sources

A summary of the current physical setting of the Phase One Property is provided in **Drawing 2**.

The site is located at approximately 460 m to 470 m above sea level (asl) with varying elevations throughout the site. According to the topographic map, the surrounding land generally slopes to the southeast. Credit River (Erin Branch) is approximately 430 m southeast of the site. There is an intermittent creek approximately 40 m southwest of the property boundary flowing north to south into the pond.

4.3.1 Aerial Photographs

Aerial photographs provide a visual record of the physical conditions of the Phase One Property and Phase One Study Area. The aerial photographs are collected in five (5) to ten (10) year intervals based on availability to best assess the changes of the site. The first available aerial photographs were from 1954. The following aerial photographs were ordered from ERIS: 1954, 1969, 1976, 1980, and 1990. The following satellite photographs were collected from Google Earth: 2004, 2009, 2016, and 2019.

Copies of the aerial photographs are presented in **Appendix B**.

A summary of the development of the Phase One Property and Phase One Study Area, based on information from the aerial photographs, is presented in the following **Table 7**.

Table 7: Summary of Aerial Photographs

Year	Phase One Property	Phase One Study Area
1954	The Phase One Property consists of agricultural fields with a structure on the north-eastern part of the property consisting of a building and a barn close to Trafalgar Road North.	The Phase One Study Area is mainly vacant land and agricultural fields.
1969	The Phase One Property was similar to 1954. The two structures on the property are still visible.	The Phase One Study Area was similar to 1954.
1976	The Phase One Property was similar to 1969.	The Phase One Study Area the similar to 1969.
1980	The Phase One Property was similar to 1976.	The Phase One Study Area was similar to 1976.
1990	The Phase One Property was similar to 1980.	The Phase One Study Area was similar to 1980. The initial construction of residential houses to the northeast can be seen, as the roads are starting to be constructed.
2004	The Phase One Property was similar to 1990.	The Phase One Study Area was similar to 1990. The subdivision to the northeast is more developed.
2009	The Phase One Property was similar to 2004.	The Phase One Study Area was similar to 2004. More residential development can be seen to the southeast.

Year	Phase One Property	Phase One Study Area
2016	The Phase One Property was similar to 2009.	The Phase One Study Area was similar to 2009.
2019	The Phase One Property was similar to 2016. The current farmhouse and barn have not been changed.	The Phase One Study Area was similar to 2016.

According to the observations made from the aerial photographs, the current Phase One Property has largely remained unchanged. A house structure and barn were built sometime before 1954. The property has been an agricultural land throughout the years.

4.3.2 Topography, Hydrology, and Geology

A series of drawings are presented at the end of the report showing the topographic, physiographic, and geologic features of the Phase One Property.

Maps for bedrock geology, surficial geology, and physiography were obtained from the Ministry of Northern Development and Mines website in digital formats, which are available to view on Google Earth; Bedrock contour map was obtained from the Ontario Department of Mines, Preliminary Map; A description of regional topography, physiography, hydrology, and geology in the Phase One study area are presented in the following

Table 8.

Table 8: Summary of Topographical, Physiographical, Hydrological, and Geological Condition

Parameters	Information Source	Description
Topography	Bedrock Geology of Ontario **(Drawing 6)** Current Physical Setting Map **(Drawing 2)**	The ground surface elevation of the site is approximately 460 m to 470 m above sea level (asl), with variable elevations throughout the site. The Phase One Property is southwest of Trafalgar Road, between Sideroad 27 to the northwest and Upper Canada Drive to the southeast. Credit River (Erin Branch) is approximately 430 m southeast of the site.
Physiography	Physiography of Southern Ontario **(Drawing 4)**	According to the physiographic regions of Ontario identified by Chapman and Putnam (2007), the Site is located in Hillsburgh Sandhills. The Hillsburgh Sandhills physiographic region is found in the northwestern portion of the watershed and consists of coarse-grained sediments. It is an area of high relief with thick deposits of glacial outwash (sandy materials) overlying glacial tills and bedrock (CVC, 2011).
Hydrology	Toporama – The Atlas of Canada **(Drawing 3)**	The closest water body is a pond draining into Credit River (Erin Branch) approximately 430 m southeast of the site. There is an intermittent creek approximately

Parameters	Information Source	Description
	Aerial Photo (**Appendix B**)	40 m south and southwest of the property boundary flowing east to west into the pond. The intermittent creek was not observed at the time of the site visit and is considered a seasonal creek.
Geology	Surficial Geology of Southern Ontario **(Drawing 5)** Bedrock Geology of Ontario **(Drawing 6)**	The surficial deposits in the immediate vicinity of the Site are mapped as Orangeville Moraine with materials consisted of sand and gravel including some till or silt. The western side of the Site is modern alluvial deposits. Bedrock is comprised of upper Silurian to lower Devonian of Guelph Formation. The bedrock surface is expected to be approximately 60 mbgs. None of the boreholes drilled for this investigation reached the bedrock.

4.3.3 Fill Materials

There were a few areas that contained piled rock/gravel that have been brought to the site to develop the pathways and driveways. There is a path from the front of the property to the back between the farm fields. Some areas of this path were filled with gravel and asphalt and the driveway is made of gravel.

4.3.4 Water Bodies, Areas of Natural Significance, and Groundwater Information

4.3.4.1 Water Bodies

The closest water body is a pond draining into Credit River (Erin Branch) approximately 430 m southeast of the site. There is an intermittent creek approximately 40 m south and southwest of the property boundary flowing east to west into the pond. The intermittent creek was not observed at the time of the site visit and is considered a seasonal creek.
Water bodies are visible on the topographic map **(Drawing 3).**

4.3.4.2 Areas of Natural Significance

According to Ontario Regulation 153/04, the presence of areas of natural significance is determined from a review of the following:

- The site is not reserved as a provincial park or conservation area;
- The site is not within the Areas of Natural and Scientific Interest (ANSI) identified by the Ministry of Natural Resources (MNR) as having provincial significance;
- The site does not include any area identified as Provincial Significance Wetland (PSW) by MNR;
- The site does not include any area designated as environmental significant in municipal official plans;
- The site does not include any area designated as an escarpment natural area by Niagara Escarpment Plan;
- The site does not include any area which is a habitat for endangered species;
- The site does not include any Oak Ridges Moraine Conservation area; and,
- The site does not include any area designated as a wilderness area.

Therefore, the Phase One Property does not include areas of natural significance.

4.3.4.3 Well-head Protection Areas

A small portion of the Site (approximately 0.6 ha) in the northeast is located within the Well Head Protection Area A (WHPA-A) which represents a 100 m circle around a municipality water supply well. According to the Source Water Protection Information Atlas, three (3) well-head protection areas are located within the Phase One study area to the north and northeast.

4.3.4.4 Areas Served by a Municipal Drinking Water System

The Phase One Property is not served by the municipality for drinking water.

4.3.4.5 Wells in the Study Area

According to the well record information from the ERIS report, there were four (4) wells noted on the Phase One property and thirty-four (34) wells were found surrounding the Phase One property. The house from the Phase One Property gets water through a well and uses a septic tank for waste.

4.3.5 Well Records

A summary of the Well Records obtained from the MECP digital well record map is provided in the following **Table 9**.

Table 9: Summary of Well Records

No. On Map	Well ID No.	Distance (m) /Direction from Phase One Property	Well Depth (m)	Ground Elevation (m)	Approx. Depth to Bedrock (m)	Static Water Level (m)	Bottom Depth of Sampled Units (m)	Stratigraphy	Water/ Well Use
2	5737485	0.0 E	47.2	464.4	N/A	45	47.2	Clay/Silt/Fine sand	Domestic
3	6709502	0.0 E	15.24	452.8	N/A	15	15.24	Coarse gravel / Sand	Domestic
4	6703364	0.0 NE	68.58	472.3	N/A	26	68.58	Gravel/ Clay/Limestone	Domestic
5	6704469	0.0 NNE	88.39	475.2	N/A	88	88.39	Sand/Limestone/Clay	Domestic
6	6705933	40.0 E	35.05	463.8	N/A	34	35.05	Limestone/ Clay	Domestic
7	6700714	100.3 E	33.52	450	N/A	34	33.05	Limestone/ Clay	Domestic
8	7219237	104.1 NW	N/A	N/A	N/A	N/A	N/A	N/A	Abandoned
9	6714075	123.9 E	38.40	453.2	N/A	36	38.40	Limestone/ Gravel/ Clay	Domestic
10	6707858	131.5 ENE	30.48	455.0	N/A	30	30.48	Stones/ Sand/ Clay	Domestic
11	7249486	134.1 E	N/A	447.6	N/A	N/A	N/A	N/A	Abandoned
12	6712436	134.9 E	39.62	134.9	N/A	34	39.62	Clay/ Sand/ Limestone	Domestic
13	6705909	137.9 ENE	46.63	454.5	N/A	46	46.63	Clay/ Rock/ Sand	Domestic
14	7278147	140 E	N/A	448.3	N/A	N/A	N/A	N/A	Domestic
15	6713318	149.2 E	49.37	444.9	N/A	49	49.37	Clay/ Sand/ Gravel	Domestic
16	6708389	168.5 SSW	41.14	447.9	N/A	34	41.14	Course Gravel/ Clay/ Rock	Domestic
17	6711628	177.1 E	44.19	447.5	N/A	38	44.19	Limestone/ Clay/ Sand	Domestic
18	6713631	193.1 E	51.81	445.1	N/A	50	51.81	Clay/ Limestone	Domestic
21	6705915	209.2 NNW	67.97	483.9	N/A	64	67.97	Clay/ Rock/ Sand	Domestic

22	7264117	223.7 E	N/A	441.7	N/A	N/A	N/A	N/A	N/A
23	6700740	223.9 E	42.67	443.0	N/A	43	42.67	Clay/ Limestone	Domestic
24	6700738	227.6 E	45.72	442.9	N/A	45	45.72	Clay	Domestic
25	6711348	229.2 E	48.76	441.9	N/A	46	48.76	Limestone/Sand/Clay	Domestic
26	6708826	234.2 ENE	15.24	447.7	N/A	50	15.24	Rock/ Sand	Domestic
27	6704918	239.5 ENE	27.73	443.9	N/A	27	27.73	Rock/ Sand/ Clay	Domestic
28	6708616	242.1 E	29.56	441.7	N/A	26	29.56	Clay/ Limestone	Domestic
29	6709042	245.2 E	48.15	442.9	N/A	47	48.15	Sand/ Clay/ Rock	Domestic
30	6707164	246.3 ESE	28.95	447.2	N/A	27	28.95	Limestone/ Clay/ Gravel	Domestic
31	6700741	251.5 E	25.90	440.6	N/A	21	25.90	Coarse sand/ Fine Sand	Domestic
32	6708625	254.6 ENE	23.46	444.5	N/A	22.8	23.46	Sand/ Clay/ Limestone	Domestic
33	6713887	254.8 E	28.95	439.5	N/A	28	28.95	Gravel/ Silt/Limestone	Domestic
34	7266474	256.6 E	23.46	440.2	N/A	23	23.46	Gravel/ Sand/ Clay	Domestic
35	6707861	262.1 ESE	36.57	437.9	N/A	27	36.57	Coarse Gravel/ Sand/ Clay	Domestic
37	6703896	275.8 ESE	50.29	445.2	N/A	48	50.29	Clay/ Rock	Domestic
38	6708360	276.2 ENE	33.52	447.0	N/A	30	33.52	Limestone/ Clay	Domestic
39	6706900	277.5 ESE	60.04	443.8	N/A	58	60.04	Clay/ Limestone/ Clay	Domestic
40	7197600	283.7 E	N/A	438.8	N/A	N/A	N/A	N/A	Abandoned
42	6700742	297.8 E	29.87	437.9	N/A	30	29.87	Limestone/ Gravel/ Clay	N/A
43	6709157	299.7 E	30.17	440.9	N/A	26	30.17	Rock/ Sand/ Clay	Domestic

N: North, **E**: East, **W**: West, **S**: South, **NNE**: North-Northeast.

4.4 Site Operating Records.

There are no site operating records for the Phase One Property.

5 INTERVIEWS

A summary of the interview is provided in the following **Table 10.**

Table 10: Summary of Interview

<table>
<tr><th>Parameters</th><th>Information</th></tr>
<tr><td>Interviewee</td><td>Previous Phase One Property Owner</td></tr>
<tr><td>Rationale for choice of interviewee</td><td>The interview was conducted with the previous owner of 5916 Trafalgar Road. The owner was knowledgeable of the current and past uses of the property at the time of the interview.</td></tr>
<tr><td>Interviewer</td><td>Ms. Whitney Goodwin</td></tr>
<tr><td>Interview Type</td><td>Interview through email.</td></tr>
<tr><td>Interview Date/ Climate Conditions</td><td>Date: August 16, 2021
Weather: N/A
Assessor: Whitney Goodwin</td></tr>
<tr><td>Duration</td><td>N/A</td></tr>
<tr><td>Interview Details</td><td>
Question 1: When were the structures on the property built?
House was built in 1875 and the barn in 1878

Question 2: Farming:
a) How long has the property been farmed?
Since the 1800s. The same farmer has been cultivating the land for approximately 50 years. The barn had some livestock but ceased back in 1966 as far as they know
b) Has the property ever been used as an Apple Orchard?
No
c) What were the crop rotations?
Crops were wheat, soya beans, and corn
d) Were there fertilizers or pesticides used on this land? What kind?
See below, the answer from a farmer:

<table>
<tr><th>YEAR</th><th>CROP</th><th>FERTILIZER</th><th>TIMING</th><th>REASON</th><th>CHEMICAL</th><th>TIMING</th><th>REASON</th></tr>
<tr><td rowspan="3">2017</td><td rowspan="3">Soybeans</td><td rowspan="3">None</td><td rowspan="3"></td><td rowspan="3">We don't apply fertilizer on soybeans</td><td>Glyphosate @ 1.4L</td><td>May 12</td><td>Pre-emerge burndown for weeds</td></tr>
<tr><td>Glyphosate @ 1 L</td><td>June 28</td><td>In crop weed herbicide</td></tr>
<tr><td>Eragon @ 30 ml + Glyphosate @ 1 L</td><td>Fall</td><td>Pre-plant wheat burndown</td></tr>
<tr><td rowspan="3">2018</td><td rowspan="3">Winter Wheat</td><td>5.6-26-62 (150 lbs of 3.7-17.3-41.3)</td><td>Fall of 2017</td><td>Starter fertilizer blend of MAP & Potash</td><td rowspan="3">None</td><td rowspan="3"></td><td rowspan="3">Missed herbicide window so didn't get any applied during the year</td></tr>
<tr><td>96-0-0-12S (26 gal 32% UAN + 4 gal ATS)</td><td>Spring</td><td>Nitrogen and Sulphur fertilizer</td></tr>
<tr><td>9-44-124 (85 lbs MAP + 200 lbs potash)</td><td>Fall</td><td>Fertilizer for next year's crop. Also spread oats for cover crop</td></tr>
<tr><td rowspan="2">2019</td><td rowspan="2">Corn</td><td>3-14-3 (5 gal of 6-24-6)</td><td>Spring</td><td>Liquid starter fertilizer</td><td>Destra @ 80 ac/case + Aatrex @ 0.25 L + Glyphosate @ 1 L</td><td>June 12</td><td>In crop weed herbicide and residual</td></tr>
<tr><td>105-0-0 (30 gal 32% UAN)</td><td>Spring</td><td>Nitrogen fertilizer</td><td>Glyphosate @ 1 L</td><td>July 5</td><td>In crop weed herbicide for escapes</td></tr>
<tr><td rowspan="3">2020</td><td rowspan="3">Soybeans</td><td rowspan="3">None</td><td rowspan="3"></td><td rowspan="3">We don't apply fertilizer on soybeans</td><td>Engenia @ 300 ml + Glyphosate @ 1.34 L</td><td>June 14</td><td>In crop weed herbicide</td></tr>
<tr><td>Cygon @ 400 ml + Glyphosate @ 1 L</td><td>July 7</td><td>Spider mite insecticide and weed herbicide</td></tr>
<tr><td>Cygon @ 400 ml + Glyphosate @ 1 L</td><td>July 30</td><td>Spider mite insecticide and weed herbicide</td></tr>
<tr><td>2021</td><td>Winter Wheat</td><td>8.3-39-26.4-10.8S-5.4Mg (150 lbs of 5.5-26-17.6-7.2S-3.6Mg)</td><td>Fall of 2020</td><td>Starter fertilizer blend of MAP, Potash, KMag</td><td>Barricade @ 40 ac/case + Stratego @ 80 ac/case</td><td>May 15</td><td>Weed herbicide and fungicide</td></tr>
<tr><td></td><td></td><td>71-0-0-12S (22 gal 28% UAN + 4 gal ATS)</td><td>Spring</td><td>Nitrogen and Sulphur fertilizer</td><td>Glyphosate @ ?</td><td>Not done yet</td><td>Fall burndown so it's clean come spring</td></tr>
</table>
e) Were there tractors and machinery stored on the property?
</td></tr>
</table>

Parameters	Information
	Personal garden tractors, watercraft, and ATVs were stored on site. The farmer brought all tractors to and from the site. **Question 3: What are any other known historical uses of the property?** McMurchy family has been the landowner for many generations and has always farmed the land. We purchased land from the daughter approximately 18 years ago. **Question 4: What is the current zoning of the property?** Agricultural **Question 5: Are there any water wells on the property? Or are there any utility services on the site?** Yes, there is a brand new well we drilled in October 2020 beside the house. Just an 8” hole with a pump at the bottom but no actual cement structure containing or housing the water. **Question 6: Has there ever been any underground or aboveground storage tanks onsite?** The only tank on the property currently is the septic tank and propane tank. Years ago, there was an oil tank in perfect condition for heating. It was professionally removed replaced with propane and at no time were there leaks of any kind we are aware of considering it was next to the well! The site was also tested during the environmental review. . No residual concerns were found or brought to my attention. **Question 7: Have there ever been any spills or releases on the site?** No spills or releases on site. It’s been a simple farm for many generations, but it was farmed by an outside farmer who brought equipment onsite to cultivate as they cultivate many farms.
Evaluation of Interview	Information from the interview generally matched our records search with no deviations noted.

6 SITE RECONNAISSANCE

6.1 General Requirements

A summary of the site reconnaissance is provided in the following **Table 11.**

Table 11: Summary of Site Reconnaissance

Parameters	Information
Date and Time	Date: August 17, 2021, 10.00 am
Weather Conditions	Weather: Sunny Assessor: Whitney Goodwin Duration: 2 hours
Site Activity	The current land use is Agriculture or Other use. The House was built in 1875 and the barn in 1878.
Performed by	Whitney Goodwin
Details of the site Reconnaissance	The most notable observations were: • The site is a farming property, it contains one farmhouse and three barns, and multiple farm fields. • The buildings are mostly made of brick, concrete, and wood. • There is a path from the front of the property to the back between the farm fields. Some areas of this path were filled with gravel and asphalt. • The driveway is made of gravel. • The house gets water through a well and uses a septic tank for waste. • There is a propane tank on-site for heating in the house. There is a boat, a trailer, some tires, and a truck stored on site.
Site Photographs	Provided in **Appendix G**.

6.2 Specific Observations at Phase One Property

HLV2K conducted a site reconnaissance of the Phase One Property to document in detail all the areas of the Phase One Property and its immediate surroundings. Full access to the Phase One Property was permitted and the site reconnaissance survey consisted of the following:

- A thorough walkthrough of the Phase One Property, specifically noting:
  i. Presence of structures or other features of construction;
  ii. Surface cover type, areas of staining or anomalous condition;
  iii. Evidence of stressed vegetation;
  iv. Areas of fill or debris;
  v. Presence of unidentifiable substances;
  vi. The presence of underground/ buried features including storage tanks and utility corridors;
- A perimeter walks around, noting the nature and condition of the Phase One Property limits. Observations of the lands beyond the Phase One Property limits, in all directions, specifically noting:
  i. Notable properties within the Phase One Study Area were visually inspected from public access ways to identify, locate and document potentially contaminating activities, water bodies, and the potential presence of storage tanks and areas of natural significance;

  All observations of notable features were summarized in **Drawing 2.**

A summary of the specific observations at the Phase One Property is presented in the following

Table 12.

Table 12: Specific Observations of the Phase One Property

Parameters	Information
Property Geometry	Irregular-shaped parcel covering an area of 5916 Trafalgar Road North is approximately 116 acres (or 46.9 Ha).
Current Occupants/Tenants	5916 Trafalgar Road North is currently an Agricultural or Other use. **(Appendix G – Site Reconnaissance Photographs)**
Structures and Improvements	5916 Trafalgar Road North is a farming property, it contains one farmhouse, three barns, and multiple farm fields. The buildings are mostly made of brick, concrete, and wood. There is a path from the front of the property to the back between the farm fields. Some areas of this path were filled with gravel and asphalt and the driveway is made of gravel. The Phase One Property has had a house/structure on it since at least 1954, according to the previous owner, the house was constructed in approximately 1875 and the barn was constructed in 1878.
Above/ below ground storage tanks	There are currently no underground tanks on the Phase One Property. According to the site visit and interview with a previous owner of the Property, there was an oil tank on-site to heat the house. The oil tank was professionally removed, and the house is now heated using propane. There is one above-ground propane tank on-site.
Potable/ non-potable Water Supplies	The properties are not supplied by municipal water supplies. The drinking water is supplied by on-site wells.
Underground Utilities and Service Corridors	The Town of Erin provides these services.
Heating/Cooling Systems	Propane is used to heat the house on the Property.
Current/ Former Wells	According to the ERIS Database Report, there were four wells on-site.
Sewage Works	The site is not connected to the city sewage system. The Phase One Property has a septic tank for sewage storage on the site.
Ground Surface	The site is an agricultural property. There is a path from the front of the property to the back between the farm fields. Some areas of the path were filled with gravel and asphalt, and the driveway was made of gravel.
Exit and Entry Points	The property can be accessed via Trafalgar Road North.
Railway Lines	There are no railway lines on the Phase One Property.
Comparison to Historical Searches	The Phase One Property is generally consistent with that inferred from the aerial photographs and historical search.
Stained Soils	None observed.
Vegetation or Pavement	The gravel and asphalt were used to make a pathway for the farming land and the driveway on the Phase One Property. The remaining areas on the property are farm fields and grass-covered areas.
Stressed Vegetation	None observed

Parameters	Information
Areas of Fill	Some areas of fill were observed at the time of the site visit. There are some areas of the property which have had fill material brought in for building the driveway.
Other Observations	N/A
Potentially Contaminating Activities (PCAs)	There were onsite PCAs. These include: • PCA #40: Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications. • PCA #30: Importation of Fill Material of Unknown Quality • PCA #28: Gasoline and Associated Products Storage in Fixed Tanks
Unidentified Substances	None observed

Observations in

Table 12 represent those at the time of the Site Reconnaissance on August 17, 2021.

6.2.1 Enhanced Investigation Property

An Enhanced Investigation Property is defined by Ontario Regulation 153/ 04 (as amended) as a property that is used or has ever been used, in whole or in part, for industrial use (which involves assembling, fabricating, manufacturing, processing, producing, storing, warehousing, or distributing goods or raw materials), or for a garage, bulk liquid dispensing facility or dry-cleaning operation.

The Phase One Property was never used as industrial property and an enhanced investigation is not required for the Phase One Property.

6.3 Surrounding Land Use

During the Site Reconnaissance, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Phase One Property and Publicly accessible areas.

The surrounding properties included residential, and agricultural land uses.

North (upgradient): Road – Trafalgar Road North, residential subdivision, and agricultural fields.

East (cross-gradient): Road – Trafalgar Road North, and residential subdivision.

South (down-gradient): Vegetated area, residential subdivision and houses, and agricultural fields.

West (cross-gradient): Vegetated areas and agricultural fields.

7 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

The Phase One Property uses, as gathered through a review of the available historical information, site reconnaissance, and interviews are presented in the following **Table 13**.

Table 13: Summary of Phase One Property Uses for 5916 Trafalgar Road North

Year	Phase One Property PIN # 71139-0239(LT) 5916 Trafalgar Road North	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1823	Matthew Crooks	Based on the date and title search, the land was in agricultural use or other use.	Agricultural or other	Chain of Title No other sources are available
1833	William Crooks	Based on the date and title search, the land was in agricultural use or other use.	Agricultural or other	Chain of Title No other sources are available
1854	Donald MacMurchy	Based on the date and title search, the land was in agricultural use or other use.	Agricultural or other	Chain of Title No other sources are available
1910	Charles W. MacMurchy	Based on the date and title search, the land was in agricultural use or other use.	Agricultural or other	Chain of Title No other sources are available
1943	Lillian Mae MacMurchy & Donald MacMurchy	Based on the date and title search, the land was in agricultural use or other use.	Agricultural or other	Chain of Title No other sources are available
1996	Robert Donald MacMurchy, Mary Louise MacMurchy, & Charles Harvey MacMurchy	Based on the aerial images the land was in agricultural use.	Agricultural or other	Observations made from the aerial images show the land to be in agricultural use.
2001	The Corporation of the Town of Erin	Based on the aerial images the land was in agricultural use.	Agricultural or other	Observations made from the aerial images show the land to be in agricultural use.
2004	Pasquale D'Angelo & Maria D'Angelo	Based on the aerial images the land was in agricultural use.	Agricultural or other	Observations made from the aerial images show the land to be in agricultural use.
2021	Hillsburgh Heights Inc.	Based on the aerial images the land was in agricultural use.	Agricultural or other	Observations made from the aerial images show the land to be in agricultural use.

Year	Phase One Property PIN # 71139-0239(LT) 5916 Trafalgar Road North	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
				Based on the site visit, the property is in agricultural use.

7.2 Potentially Contaminating Activity (PCA)

The current and historic Potentially Contaminating Activities (PCAs) as outlined in Table 2 of Schedule D of the Ontario Regulation 153/04 (as amended) discovered on the Phase One Property and the Phase One Study Area are listed in

Table 14.

Table 14: Summary of PCAs

No.	PCA # (Table 2, Schedule D, O.Reg. 153/04)	Direction from Phase One Property	Approximate Distance from Phase One Property (m)	Information Source	Remarks	APEC	Rationale
1	PCA #40: Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.	On-Site	0.0	Site visit /Aerial image/ Interview	Use of pesticides for farming purposes	APEC1	On-Site - Potential impact on soil and groundwater
2	PCA #30: Importation of Fill Material of Unknown Quality	On-Site	0.0	Site Visit/ Aerial image	Potential fill material was brought to the property for making a pathway and the driveway.	APEC2	On-Site - Potential impact on soil and groundwater
3	PCA #28: Gasoline Associated Products Storage in Fixed Tanks	On-site	0.0	Site Visit/ Interview	Based on the interview, a former fuel oil tank was present	APEC3	On-Site - Potential impact on soil and groundwater

7.3 Areas of Potential Environmental Concern (APECs)

The PCAs identified in Section 7.2 have been evaluated by a Qualified Person (QP) to determine the potential impact on the Phase One Property, and if so, the associated APEC defined.

The APECs outlined in the following

Table 15 provide the results of the QP's evaluation.

Table 15: Summary of APECs

Area of Potential Environmental Concern[1]	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity[2]	Location of PCA (on-site or off-site)	Contaminants of Potential Concern[3]	Media Potentially Impacted (Groundwater, soil, and/or sediment)
APEC1	On-Site	PCA #40: Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.	On-Site	PHCs, VOCs, OCPs, PAHs, Metals, and Metal Hydrides, EC, SAR, pH, Cl, Na	Soil and Groundwater
APEC2	On-Site	PCA #30: Importation of Fill Material of Unknown Quality	On-Site	PHCs, VOCs, PCBs, PAHs, Metals, and Metal Hydrides, EC, SAR, pH, Cl, Na	Soil and Groundwater
APEC3	On-Site	PCA #28: Gasoline Associated Products Storage in Fixed Tanks	On-Site	PHCs, VOCs, PCBs, PAHs, Metals, and Metal Hydrides, EC, SAR, pH, Cl, Na	Soil and Groundwater

7.3.1 Rationale

The rationale for the exclusion of one or more PCAs may be the result of, but not limited to, the location and distance of the PCA in relation to the Phase One Property, the direction of groundwater flow, and the results from previous environmental reports pertaining to the Phase One Property (if any).

A summary of the rationale used to exclude some PCAs is presented in **Table 16**.

Table 16: Rationale for PCA Exclusions

No.	PCA # (table 2, Schedule D, Ontario Regulation 153/04)	Direction from Phase One Property	Approximate Distance from Phase One Property (m))	Remarks	Rationale
N/A	No PCAs were excluded	N/A	N/A	N/A	N/A

7.3.2 Uncertainties or Absence of Information

At the time of preparing this report, all requested search information has been received, and no uncertainties or absence of information are expected to affect the validity of the APECs.

7.4 Phase One Conceptual Site Model

7.4.1 Conceptual Site Model Drawings

The PCAs and APECs (if any) identified within the Phase One Study Area and within the Phase One Property are depicted in the Conceptual Site Model, **Drawing 7 and Drawing 8,** which also shows the following required information:

- Existing buildings and structures within the Phase One Property (if any) and within the Phase One Study area;
- Any water bodies located in whole or in part on the Phase One Study Area;
- Any areas of natural significance located in whole or in part on the Phase One Study Area;
- Any drinking water wells at the Phase One Property;
- Any roads including names within the Phase One Study Area;
- Uses of properties adjacent to the Phase One Property;
- Any areas where PCAs have been involved, and/or any storage tank locations; and,
- Any identified APECs.

7.4.2 Description and Assessment

The PCAs on the Phase One Property and within Phase One Study Area identified through the records review, interview, and site reconnaissance are summarized in

Table 17 is as follows:

Table 17: CSM – PCAs

No.	PCA # (Table 2, Schedule D, Ontario Regulation 153/04)	Direction from Phase One Property	Approximate Distance from Phase One Property (m)
1	PCA #40: Pesticides (including Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large-Scale Applications.	On-Site	0.0 m
2	PCA #30: Importation of Fill Material of Unknown Quality	On-Site	0.0 m
3	PCA #28: Gasoline Associated Products Storage in Fixed Tanks	On-Site	0.0 m

A total of three (3) PCAs were identified. A total of three (3) APECs were identified for the Phase One Property.

7.4.3 Contaminants of Potential Concern

Contaminants of potential concern include the following:

- Petroleum Hydrocarbons (PHCs);
- Volatile Organic Compounds (VOCs) including Benzene, Toluene, Ethylbenzene and Xylenes (BTEX);
- Polychlorinated Biphenyls (PCBs);
- Polycyclic Aromatic Hydrocarbons (PAHs); and,
- Metals, metal hydrides, EC, SAR, and pH.
- OC Pesticides (OCPs).

7.4.4 Potential for Underground Utilities to Affect Contaminant Distribution and Transport

Municipal underground utilities along Trafalgar Road North may play a role in the distribution and transport of contaminants if present.

7.4.5 Available Regional or Site-Specific Geological or Hydrogeological Information

According to the physiographic regions of Ontario identified by Chapman and Putnam (2007), the Site is located in Hillsburgh Sandhills. The Hillsburgh Sandhills physiographic region is found in the northwestern portion of the watershed and consists of coarse-grained sediments. It is an area of high relief with thick deposits of glacial outwash (sandy materials) overlying glacial tills and bedrock (CVC, 2011).

The surficial deposits in the immediate vicinity of the Site are mapped as Orangeville Moraine with materials consisted of sand and gravel including some till or silt. The western side of the Site is modern alluvial deposits.

Bedrock is comprised of upper Silurian to lower Devonian of Guelph Formation. The bedrock surface is expected to be approximately 60 mbgs. None of the boreholes drilled for this investigation reached the bedrock.

The closest water body is a pond draining into Credit River (Erin Branch) approximately 430 m southeast of the site. There is an intermittent creek approximately 40 m south and southwest of the property boundary flowing east to west into the pond. The intermittent creek was not observed at the time of the site visit and is considered a seasonal creek.

The nearest river is located to the southeast, which is a branch of the Credit River. The Groundwater table is approximately 20 meters below ground surface (m bgs). A portion of the Phase one Property fall within the well-head protection area for the Town of Erin.

7.4.6 Uncertainties or Absence of Information

Information that was requested was received. No uncertainties are expected to affect the conceptual site model.

7.4.7 Whether exemption set out in paragraphs 1, 1.1, or 2 of section 49.1 is relied upon

It is unlikely that de-icing salt has been applied on the property for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both since the property is mainly farmlands. The exemption set out in paragraph 1 of section 49.1 of the regulation was not relied upon and sampling for the associated COPC is recommended.

Excess soil of unknown quality may have been brought into the Phase One Property. Therefore, the exemption set out in paragraph 1.1 of section 49.1 of the regulation was not relied upon.

There has been no discharge of drinking water. Therefore, the exemption set out in paragraph 2 of section 49.1 of the regulation was not relied upon.

7.4.8 Whether exemption set out in paragraph 3 of section 49.1 is intended to be relied upon

The exemption set out in paragraph 3 of section 49.1 of the regulation is not intended to be relied upon.

8 CONCLUSIONS

Based on the records review, site reconnaissance, and interview, several PCAs have been identified, and at least three (3) APECs were encountered for the Phase One Property. Hence, a Phase Two ESA is required to investigate the Areas of Potential Environmental Concern (APEC).

8.1 Whether Phase Two ESA Required Before RSC Submitted

For the purpose of submitting a Record of Site Condition (RSC) for filing under subsection 168.4 (1) of the Act with respect to the Phase One Property, a Phase Two Environmental Site Assessment (ESA) is recommended to address PCAs, and APECs encountered during the Phase One ESA.

8.2 RSC Based on Phase One ESA Alone

For the purpose of submitting a Record of Site Condition (RSC) for filing under subsection 168.4 (1) of the Act in respect of the Phase One Property, a submission cannot be made with a standalone Phase One ESA.

8.3 Signatures

This report is to the *Statement of Limitations*, which forms an integral part of this document. The *Statement of Limitations* is not intended to reduce the level of responsibility accepted by HLV2K, but rather to ensure that all parties who have been given reliance for this report are aware of the responsibilities each assumes in so doing.

We trust you will find this report to be complete within our terms of reference. Should you have any questions regarding the information contained in the report, or require further assistance please contact the HLV2K office.

For and on behalf of HLV2K Engineering Limited

Swathy Mayandi
Junior Environmental Scientist

I have reviewed the report and confirm that the Phase One ESA, including findings and conclusions, has been carried out in accordance with the requirements of O. Reg. 153/04, as amended, in effect as of the date of this report.

John (Gianni) Lametti, P. Eng. QP$_{ESA}$
Principal & Environmental Manager

REFERENCES

- Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Environmental Protection Act (as amended)
- Quaternary Geology of Ontario, southern sheet; Ontario Geological Survey, Map 2556, 1991
- Physiography of Southern Ontario; Ontario Geological Survey, Map P.2715, 1984
- Bedrock topography of the Greater Toronto and Oak Ridges Moraine areas, southern Ontario. Geological Survey of Canada, Map Open File. 3419, 1998
- Google Earth Maps
- The Atlas of Canada – Toporama Mapping Tool, Natural Resources Canada
- Environmental Risk Information Services (ERIS) Database Report No. 21081100098, dated August 16, 2021.
- Environmental Risk Information Services (ERIS) search of Aerial Photographs, 1954 to 2019.
- Technical Standards and Safety Authority (TSSA) Database Search, dated August 11, 2021
- “Phase I Environmental Site Assessment Summary Letter Report due diligence for proposed development – 5916 Trafalgar Road North, Town of Erin (Hills burgh)” dated September 30, 2020, and Reference No. 2009-E020 prepared by Soil Engineers Ltd.
- “Preliminary Geotechnical Investigation for Proposed development for 5916 Trafalgar Road North, Town of Erin (Hillsburgh)” dated October 2020 and Reference No. 2009-S020 prepared by Soil Engineers Ltd.
- “Summary of the soil sampling plan drawing prepared by the Soil Engineering Ltd”, dated October 2020 for 5916 Trafalgar Road North, Town of Hillsburgh, and Reference No. is 2009- E020.
- Chapman, L.J., and Putnam, D.F. (2007). The Physiography of Southern Ontario, Ontario Geological Survey, Miscellaneous Release—Data 228.
- CVC (2011). Credit River Watershed and Region of Peel: Natural Areas Inventory – Volume 1, Credit River Conservation, September 2011.

HLV2K Engineering Limited

STATEMENT OF LIMITATIONS

Your report has been developed based on your unique project specific requirements as understood by HLV2K Engineering Limited (HLV2K) and applies only to the site investigated. Project criteria typically include the general nature of the project; its size and configuration; the location of any structures on the site; other site improvements; the presence of underground utilities; and the additional risk imposed by scope-of-service limitations imposed by the client. Your report should not be used if there are any changes to the project without first asking HLV2K to assess how factors that changed subsequent to the date of the report affect the report's recommendations. HLV2K cannot accept responsibility for problems that may occur due to changed factors if they are not consulted.

Subsurface conditions are created by natural processes and the activity of man. For example, water levels can vary with time, fill may be placed on a site and pollutants may migrate with time. Because a report is based on conditions, which existed at the time of subsurface exploration, decisions should not be based on a report whose adequacy may have been affected by time. Consult HLV2K to be advised how time may have impacted on the project.

The findings derived from this investigation were based on information collected and/or provided by the Client. It may become apparent that soil and groundwater conditions differ between and beyond the testing locations examined during future investigations or other work that could not be detected or anticipated at the time of this study. As such, HLV2K cannot be held liable for environmental conditions that were not apparent from the available information. The conclusions presented represent the best judgment of the assessors based on limited investigations.

Site assessment identifies actual subsurface conditions only at those points where samples are taken and when they are taken. Data derived from literature, external data source review, sampling, and subsequent laboratory testing are interpreted by geologists, engineers or scientists to provide an opinion about overall site conditions, their likely impact on the proposed development and recommended actions. Actual conditions may differ from those inferred to exist, because no professional, no matter how qualified, can reveal what is hidden by earth, rock and time. The actual interface between materials may be far more gradual or abrupt than assumed based on the facts obtained. Nothing can be done to change the actual site conditions, which exist, but steps can be taken to reduce the impact of unexpected conditions. For this reason, owners should retain the services of HLV2K through the development stage, to identify variances, conduct additional tests if required, and recommend solutions to problems encountered on site.

Your report is based on the assumption that he site conditions as revealed through selective point sampling are indicative of actual conditions throughout an area. This assumption cannot be substantiated until project implementation has commenced and therefore your report recommendations can only be regarded as preliminary. Only HLV2K, who prepared the report, is fully familiar with the background information needed to assess whether or not the report's recommendations are valid and whether or not changes should be considered as the project develops. If another party undertakes the implementation of the recommendations of this report there is a risk that the report will be misinterpreted and HLV2K cannot be held responsible for such misinterpretation.

To avoid misuse of the information contained in your report it is recommended that you confer with HLV2K before passing your report on to another party who may not be familiar with the background and the purpose of the report. Your report should not be applied to any project other than that originally specified at the time the report was issued.

HLV2K Engineering Limited

Costly problems can occur when other design professionals develop their plans based on misinterpretations of a report. To help avoid misinterpretations, retain HLV2K to work with other project design professionals who are affected by the report. Have HLV2K explain the report implications to design professionals affected by them and then review plans and specifications produced to see how they incorporate the report findings.

The report as a whole presents the findings of the site assessment and the report should not be copied in part or altered in any way.

Logs, figures, drawings, etc. are customarily included in our reports and are developed by scientists, engineers or geologists based on their interpretation of field logs (assembled by field personnel) and laboratory evaluation of field samples. These logs etc. should not under any circumstances be redrawn for inclusion in other documents or separated from the report in any way.

Your report is not likely to relate any findings, conclusions, or recommendations about the potential for hazardous materials existing at the site unless specifically required to do so by the client. Specialist equipment, techniques, and personnel are used to perform a geoenvironmental assessment.

Contamination can create major health, safety and environmental risks. If you have no information about the potential for your site to be contaminated or create an environmental hazard, you are advised to contact HLV2K for information relating to geoenvironmental issues.

HLV2K is familiar with a variety of techniques and approaches that can be used to help reduce risks for all parties to a project, from design to construction. It is common that not all approaches will be necessarily dealt with in your site assessment report due to concepts proposed at that time. As the project progresses through design towards construction, speak with HLV2K to develop alternative approaches to problems that may be of genuine benefit both in time and in cost.

Reporting relies on interpretation of factual information based on judgement and opinion and has a level of uncertainty attached to it, which is far less exact than the design disciplines. This has often resulted in claims being lodged against consultants, which are unfounded. To help prevent this problem, a number of clauses have been developed for use in contracts, reports and other documents. Responsibility clauses do not transfer appropriate liabilities from HLV2K to other parties but are included to identify where HLV2K's responsibilities begin and end. Their use is intended to help all parties involved to recognise their individual responsibilities. Read all documents from HLV2K closely and do not hesitate to ask any questions you may have.

Third party information reviewed and used to formulate this report is assumed to be complete and correct. HLV2K used this information in good faith and will not accept any responsibility for deficiencies, misinterpretation or incompleteness of the information contained in documents prepared by third parties.

Nothing in this report is intended to constitute or provide a legal opinion.

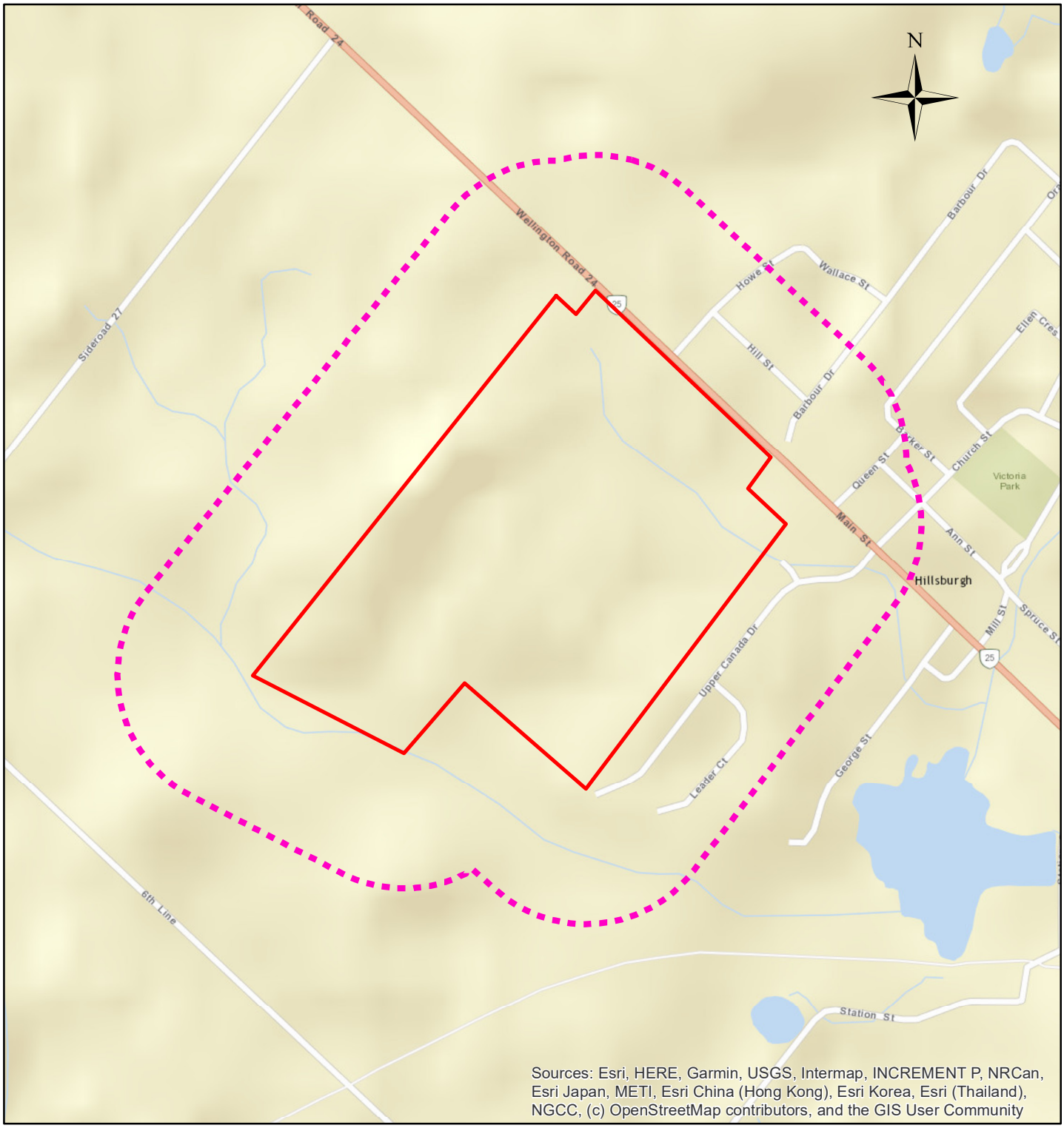
Should additional information become available, HLV2K requests that this information be brought to our attention so that we may re-assess the conclusions presented herein.

Drawings

Legend

Phase One Property

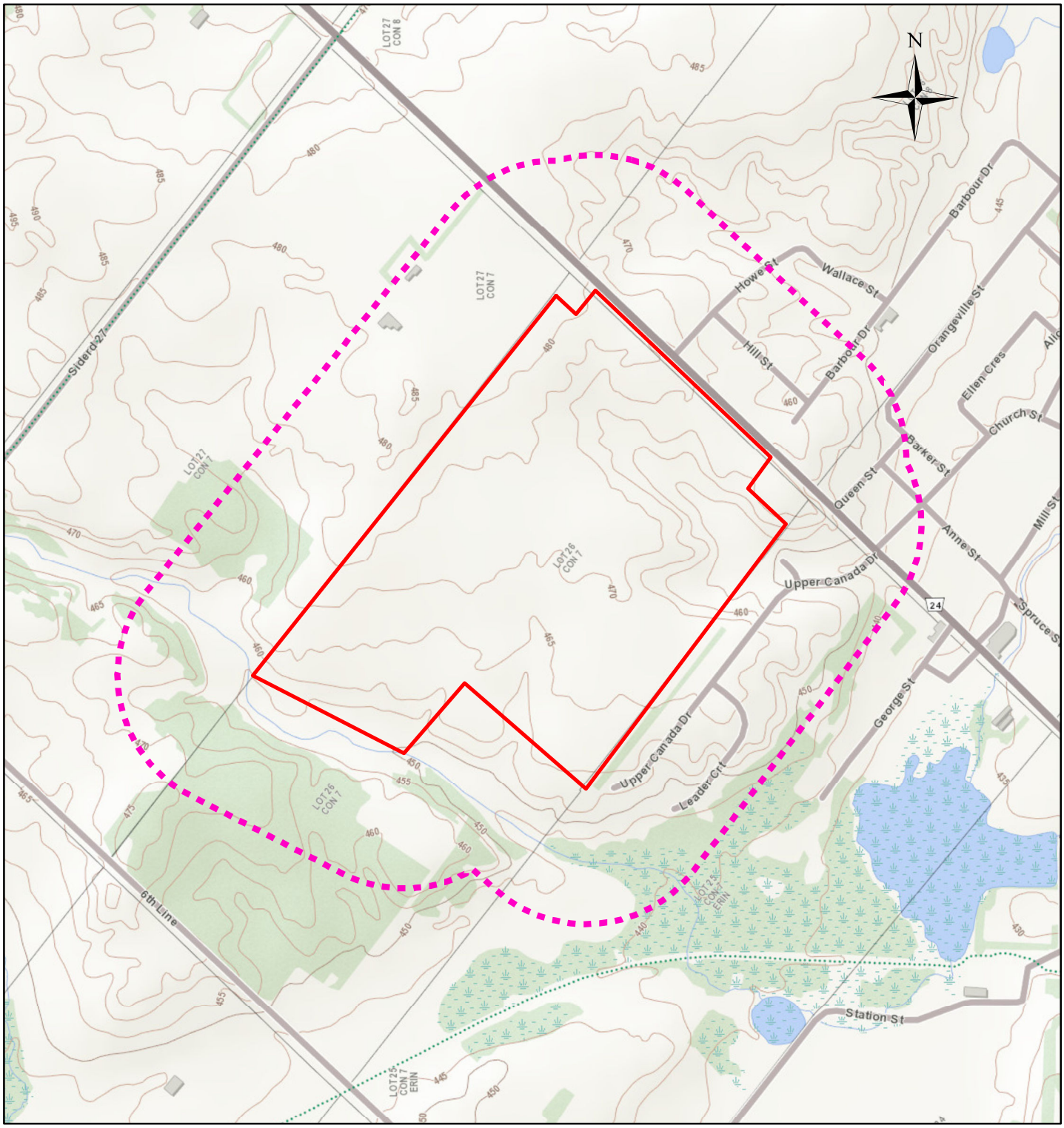
Drawn: WG	Title: Site Location Plan
Approved: JL	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 5916 Trafalgar Road North, Town of Erin
Date: APR 2022	
Project No.: 2100428EE	
	Client: Hillsburgh Heights Inc.
HLV2K ENGINEERING LIMITED	0 87.5 175 350 Meters
	Drawing 1



Legend

- Phase One Property
- Phase One Study Area

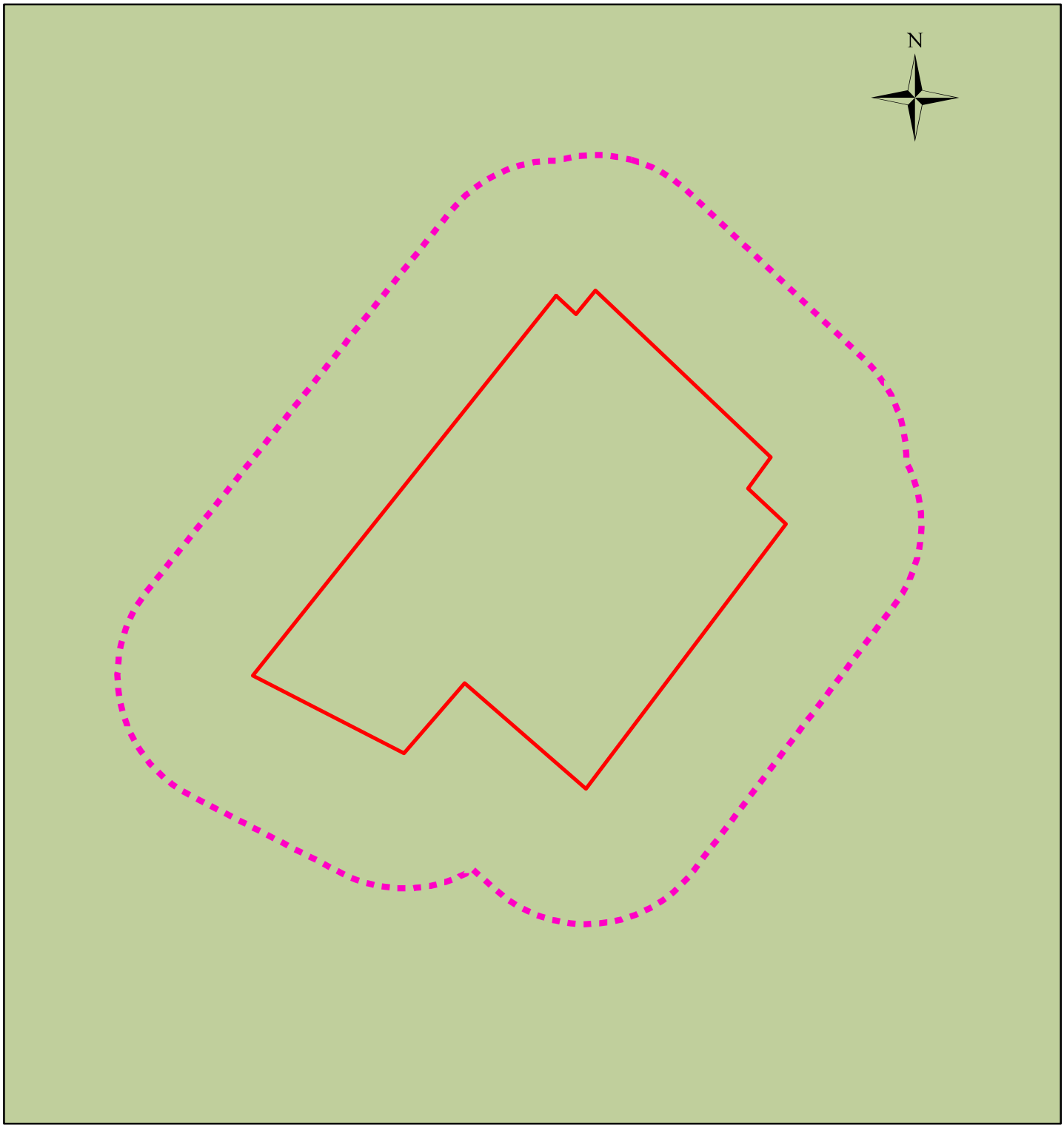
Drawn: WG	Title: Phase One Property and Study Area
Approved: JL	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 5916 Trafalgar Road North, Town of Erin
Date: APR 2022	
Project No.: 2100428EE	
	Client: Hillsburgh Heights Inc.
HLV2K ENGINEERING LIMITED	0 87.5 175 350 Meters
	Drawing 2



Legend

- Phase One Property
- Phase One Study

Drawn: WG	Title: Topographic Map
Approved: JL	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 5916 Trafalgar Road North, Town of Erin
Date: APR 2022	
Project No.: 2100428EE	
	Client: Hillsburgh Heights Inc.
HLV2K ENGINEERING LIMITED	0 87.5 175 350 Meters — **Drawing 3**



Legend

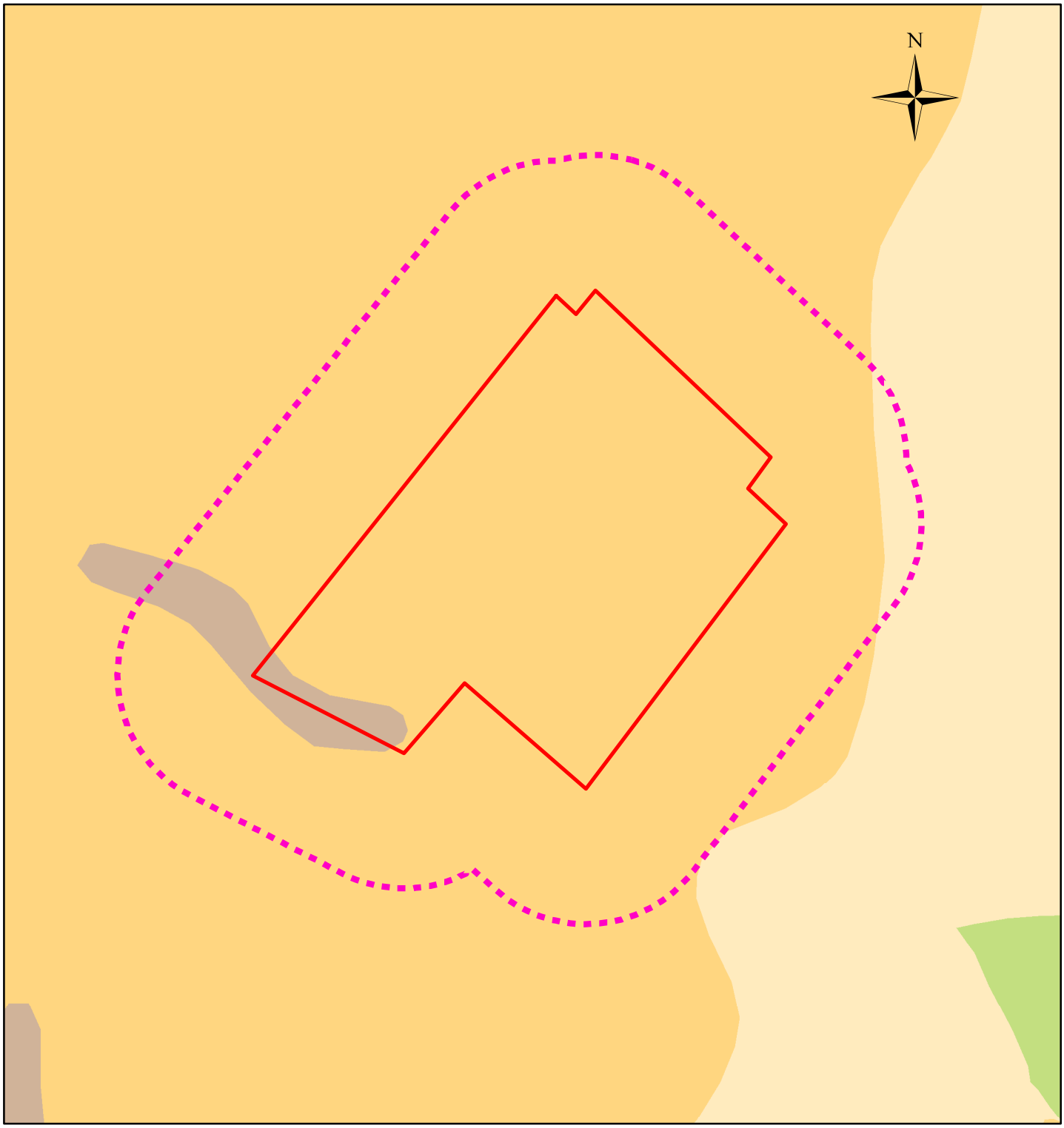
Phase One Property

Phase One Study Area

Physiographical Regions

9, Hillsburgh Sandhills

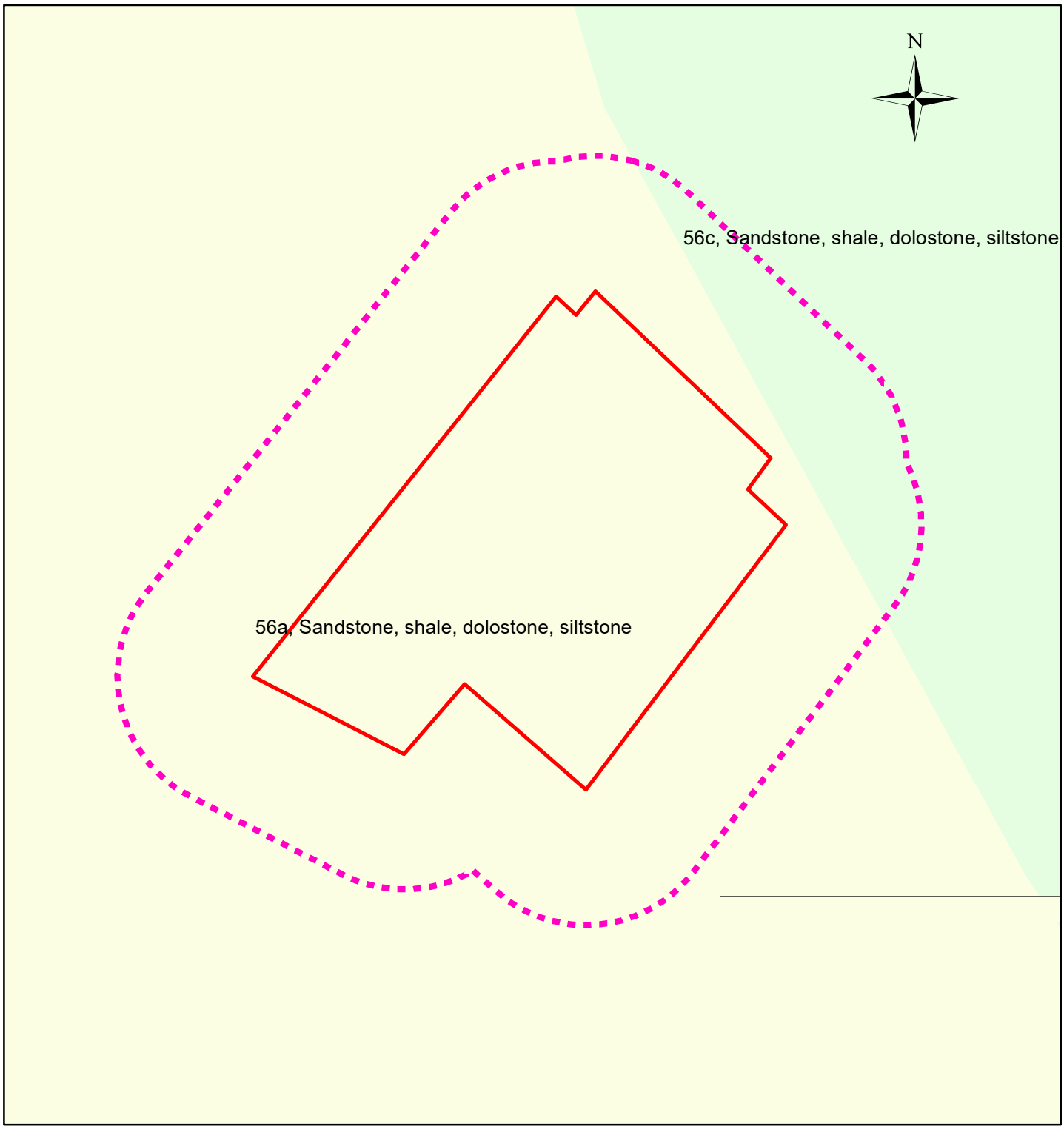
Drawn: WG	Title: Physiographical Map
Approved: JL	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 5916 Trafalgar Road North, Town of Erin
Date: APR 2022	
Project No.: 2100428EE	
	Client: Hillsburgh Heights Inc.
HLV2K ENGINEERING LIMITED	0 87.5 175 350 Meters
	Drawing 4



Legend

- Phase One Property
- Phase One Study
- 5b: Stone-poor, carbonate-derived silty to sandy till
- 6: Ice-contact stratified deposits
- 7: Glaciofluvial deposits
- 7a: Sandy deposits
- 19: Modern alluvial deposits

Drawn: WG	Title: Surficial Geology Map
Approved: JL	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 5916 Trafalgar Road North, Town of Erin
Date: APR 2022	
Project No.: 2100428CE	
	Client: Hillsburgh Heights Inc.
HLV2K ENGINEERING LIMITED	0 87.5 175 350 Meters
	Drawing 5



Legend

- Phase One Property
- Phase One Study
- 56a
- 56c

Drawn: WG	Title: Bedrock Geology Map
Approved: JL	Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 5916 Trafalgar Road North, Town of Erin
Date: APR 2022	
Project No.: 2100428EE	
	Client: Hillsburgh Heights Inc.
HLV2K ENGINEERING LIMITED	0 87.5 175 350 Meters
	Drawing 6

Potentially Contaminating Activity (PCA) numbers are in accordance with Table 2, Schedule D of O.Reg. 153/04:

PCA #28: Gasoline and Associated Products Storage in Fixed Tanks
PCA #30: Fill Material of Unknown Quality
PCA #40: Pesticides (Herbicides, Fungicides, and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage, and Large Scale Applications.

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Legend

- Phase One Property
- 00 Potentially Contaminating Activities (PCAs) Contributing to an APEC
- 00 Potentially Contaminating Activities (PCAs) Not Contributing to an APEC
- Approximate Location of a Former Underground Storage Tank

Project	Phase One Environmental Assessment
Site Address	5916 Trafalgar Road North, Town of Erin
Title	Conceptual Site Model - PCAs
Drawn By: WG	Project No.: 2100428EE
Approved: JL	Date: APR 2022
Drawing No.: 7	Client: Hillsburgh Heights Inc.

0 65 130 260 Meters

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Legend

- Phase One Property
- APEC 1 - PCA #40
- APEC 2 - PCA #30
- APEC 3 - PCA #28

Project	Phase One Environmental Assessment
Site Address	5916 Trafalgar Road North, Town of Erin
Title	Conceptual Site Model - APECs
Drawn By: WG	Project No.: 2100428EE
Approved: JL	Date: APR 2022
Drawing No.: 8	Client: Hillsburgh Heights Inc.

0 65 130 260 Meters

Appendix A: Legal Survey

PART SCHEDULE					
PART	LOT	CON.	MUNICIPALITY	PIN	AREA
1	26	7	TOWN OF ERIN	ALL OF 71139-0239(LT)	113.819 Acres
2					2.546 Acres

PART 2 IS SUBJECT TO AN EASEMENT IN FAVOUR OF THE TOWN OF ERIN AS SET OUT IN INST. LT66248

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.

NOVEMBER 24, 2003
DATE

J. R. FINNIE
ONTARIO LAND SURVEYOR

PLAN 61R-- 9590

RECEIVED AND DEPOSITED

November 27, 2003
DATE

"N.L.Williams" AD

LAND REGISTRAR FOR THE LAND TITLES DIVISION OF WELLINGTON (No. 61)

SOUTHWEST HALF LOT 27

PART 1 PLAN 61R-2909
PIN 71139-0085(LT)

NORTHEAST HALF LOT 27
PIN 71139-0229(LT)

PIN71139-0088(LT)

PLAN OF SURVEY OF

PART OF LOT 26
CONCESSION 7

GEOGRAPHIC TOWNSHIP OF ERIN

TOWN OF ERIN
COUNTY OF WELLINGTON

J. R. FINNIE O.L.S.
SCALE : 1 INCH = 200 FEET

0 100 200 400 600 FEET

IMPERIAL

DISTANCES SHOWN ON THIS PLAN ARE IN FEET AND CAN BE CONVERTED TO METRES BY MULTIPLYING BY 0.3048

NOTES

BEARINGS ARE ASTRONOMIC AND ARE REFERRED TO THE SOUTHWESTERLY LIMIT OF WELLINTON COUNTY ROAD 24, AS WIDENED, SHOWN AS N 46°04'40" W ON DEPOSITED PLAN 61R-7004.

375	DENOTES BLACK, SHOEMAKER, ROBINSON & DONALDSON LTD.
826	DENOTES M. B. WONG O.L.S.
1155	DENOTES VAN HARTEN SURVEYING INC.
1253	DENOTES D. J. CULLEN O.L.S.
1575	DENOTES J. R. FINNIE O.L.S.
P1	DENOTES DEPOSITED PLAN 61R-1478
P2	DENOTES DEPOSITED PLAN 61R-2909
P3	DENOTES DEPOSITED PLAN 61R-7004
P4	DENOTES DEPOSITED PLAN 61R-8627
P5	DENOTES DEPOSITED PLAN 61R-9090
P6	DENOTES A BUILDING LOCATION SURVEY BY VAN HARTEN LTD. DATED APR. 26, 1985.
P7	DENOTES A PLAN OF EXPROPRIATION BY BOWMAN, BLACK & SHOEMAKER DATED APRIL 29, 1964, ATTACHED TO INSTRUMENT M-39009.
P8	DENOTES UNREGISTERED PLAN OF SUBDIVISION BY D. J. CULLEN LTD. DATED OCTOBER 10, 1990.
M	DENOTES MEASURED
PIN	DENOTES PROPERTY IDENTIFICATION NUMBER
CON.	DENOTES CONCESSION
PWF	DENOTES POST AND WIRE FENCE

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, AND THE LAND TITLES ACT, AND THE REGULATIONS MADE UNDER THEM.

2. THIS SURVEY WAS COMPLETED ON THE 23th DAY OF OCTOBER, 2003.

OCTOBER 24, 2003
DATE

J. R. FINNIE
ONTARIO LAND SURVEYOR

PART 1
PIN 71139-0239(LT)

LOT 26
CONCESSION 7

PART 2 IS SUBJECT TO AN EASEMENT IN FAVOUR OF THE TOWN OF ERIN AS SET OUT IN INST. LT66248

PART 2
PART 1 PLAN 61R-8627

PART 1
PLAN 61R-7004

LOT 25 CONCESSION 7
PART 1 PLAN 61R-9090
PIN 71139-0484(LT)

PART 1 PLAN 61R-1478
PIN 71139-0090(LT)

PIN 71139-0091(LT)

PIN 71139-0223(LT)

PIN 71139-0238(LT)

WELLINGTON COUNTY ROAD 24 (BY ORDER-IN-COUNCIL 582/99, DEPOSITED AS INST. 805102)

EASTERLY ANGLE LOT 26, CON. 7

J. R. FINNIE
ONTARIO LAND SURVEYOR
BOX 31, ERIN ON N0B 1T0
PH (519) 833-2380 FAX (519) 833-0208
EMAIL : rfinnie@sentex.net

DRAWN BY: tf | PROJECT: 03-891-R

Appendix B:
Aerial Photographs

HISTORICAL AERIALS

Project Property:	2100428CE 5916 Trafalgar Road Erin ON L0N
Project No:	2100428CE
Requested By:	HLV2K Engineering Limited
Order No:	21081100098
Date Completed:	August 12, 2021

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

Decade	Year	Image Scale	Source
1940	Not Available		
1950	1954	10000	Hunting Survey Corporation Limited
1960	1969	40000	NAPL
1970	1976	50000	NAPL
1980	1980	50000	NAPL
1990	1990	50000	NAPL

0 0.125 0.25 0.5
Kilometers

Order Number: 21081100098

Year: 1954
Source: Hunting Survey Corporation Limited
Map Scale: 1: 10000
Comments: Best Copy Available

ERIS

0 0.125 0.25 0.5 Kilometers

Order Number: 21081100098

Year: 1969
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 21081100098

Year: 1976
Source: NAPL
Map Scale: 1: 10000
Comments: Best Copy Available

ERIS

0 0.125 0.25 0.5 Kilometers

Order Number: 21081100098

Year: 1980
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5 Kilometers

Order Number: 21081100098

Year: 1990
Source: NAPL
Map Scale: 1: 10000
Comments:

2004 Aerial Photograph of Subject Site and Surrounding Area

2009 Aerial Photograph of Subject Site and Surrounding Area

2016 Aerial Photograph of Subject Site and Surrounding Area

2019 Aerial Photograph of Subject Site and Surrounding Area

Appendix C:
Insurance Products

Appendix D:
Chain of Title

CHAIN OF TITLE REPORT

Project #: 2100428EE
Address: 5916 Trafalgar Road N., Erin
Legal Description: Part Lot 26 Con 7 Erin as in RO760763

Searched at: Guelph
LRO #: 61

PIN #: 71139-0239 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	24 06 1823	Crown	**Matthew CROOKS**
110	Deed	04 02 1833	Ramsay Crooks exor for Matthew Crooks - Estate	William CROOKS
6749	Deed	03 08 1854	William Crooks	Donald MacMURCHY
11070	Deed	25 02 1910	Donald MacMurchy	Charles W. MacMURCHY
16773	Deed	26 11 1943	Charles W. MacMurchy	Lillian Mae MacMURCHY & Donald MacMURCHY
RO760763	Deed	24 10 1996	Lillian Mae MacMurchy - Estate Donald MacMurchy - Estate	Robert Donald MacMURCHY Mary Louise MacMURCHY Charles Harvey MacMURCHY
LT66248	Easement	24 10 2001	Robert Donald MacMurchy et al	The Corporation of the Town of Erin
WC52334	Deed	30 01 2004	Robert Donald MacMurchy et al	Pasquale D'ANGELO & Maria D'ANGELO
WC642470	Deed (Present Owner)	28 07 2021	Maria D'Angelo (Surviving Joint Tenant)	**Hillsburgh Heights Inc.**

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

PROPERTY DESCRIPTION: PT LT 26 CON 7 ERIN AS IN RO760763; ERIN S/T EASEMENT IN FAVOUR OF THE CORPORATION OF THE TOWN OF ERIN OVER PART 1, 61R8627 AS IN LT66248.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
RE-ENTRY FROM 71139-0463

PIN CREATION DATE:
2000/12/18

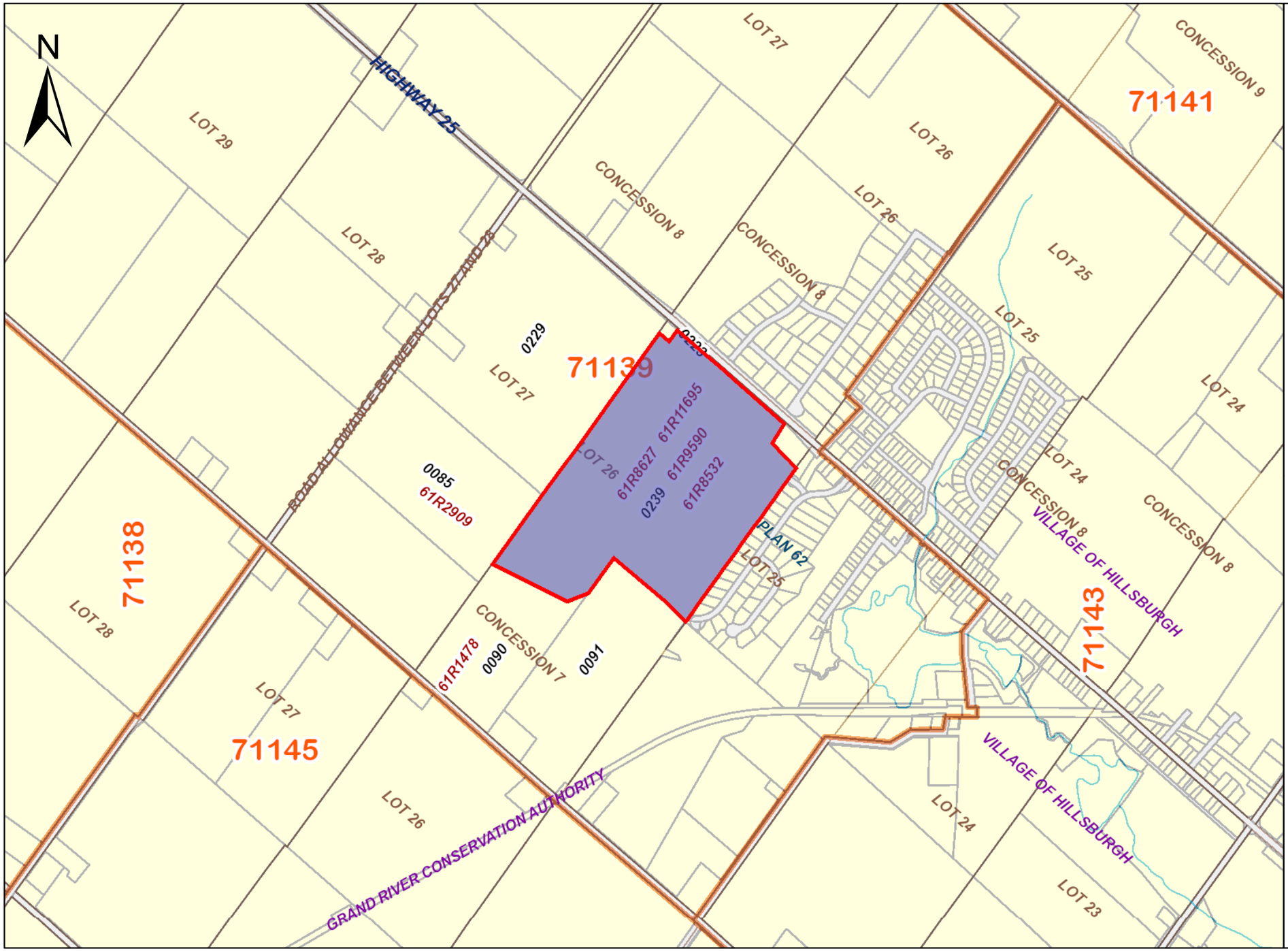
OWNERS' NAMES
HILLSBURGH HEIGHTS INC.

CAPACITY SHARE
GPAR

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2000/12/15 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 2000/12/18 **						
MS66462	1967/07/26	BYLAW				C
RO760763	1996/10/24	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	MACMURCHY, ROBERT DONALD MACMURCHY, CHARLES HARVEY MACMURCHY, MARY LOUISE	
61R8532	2000/10/16	PLAN REFERENCE				C
61R8627	2001/01/16	PLAN REFERENCE				C
LT54996	2001/06/11	NOTICE AGREEMENT		MACMURCHY, ROBERT MACMURCHY, MARY MACMURCHY, CHARLES	ARCH CONSTRUCTION (1967) LIMITED THE CORPORATION OF THE TOWN OF ERIN	C
LT66247	2001/10/24	APL ANNEX REST COV		MACMURCHY, ROBERT DONALD MACMURCHY, MARY LOUISE MACMURCHY, CHARLES HARVEY		C

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
LT66248	2001/10/24	TRANSFER EASEMENT		MACMURCHY, ROBERT DONALD MACMURCHY, CHARLES HARVEY MACMURCHY, MARY LOUISE	THE CORPORATION OF THE TOWN OF ERIN	C
61R9590	2003/11/27	PLAN REFERENCE				C
WC52334	2004/01/30	TRANSFER		*** COMPLETELY DELETED *** MACMURCHY, CHARLES HARVEY MACMURCHY, MARY LOUISE MACMURCHY, ROBERT DONALD	D'ANGELO, MARIA D'ANGELO, PASQUALE	
WC52335	2004/01/30	CHARGE		*** COMPLETELY DELETED *** D'ANGELO, PASQUALE D'ANGELO, MARIA	MACMURCHY, ROBERT DONALD MACMURCHY, CHARLES HARVEY MACMURCHY, MARY LOUISE	
WC127622	2006/01/31	DISCH OF CHARGE		*** COMPLETELY DELETED *** MACMURCHY, ROBERT DONALD MACMURCHY, CHARLES HARVEY MACMURCHY, MARY LOUISE		
REMARKS: RE: WC52335						
61R11695	2011/09/20	PLAN REFERENCE				C
WC585276	2019/11/20	APL OF SURV-LAND		*** COMPLETELY DELETED *** D'ANGELO, PASQUALE	D'ANGELO, MARIA	
WC642470	2021/07/28	TRANSFER	$32,000,000	D'ANGELO, MARIA	HILLSBURGH HEIGHTS INC.	C
WC642471	2021/07/28	CHARGE	$14,000,000	HILLSBURGH HEIGHTS INC.	D'ANGELO, MARIA	C



ServiceOntario

PRINTED ON 08 APR, 2022 AT 10:24:29
FOR BERTUCCI

SCALE

0 150 300 450 600 750 meters

PROPERTY INDEX MAP

WELLINGTON(No. 61)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

Appendix E:
TSSA Search

Whitney Goodwin

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Wednesday, August 11, 2021 2:37 PM
To: Whitney Goodwin
Subject: RE: TSSA Search for Records - 5916 Trafalgar Road North, Erin, Ontario

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

NO RECORD FOUND

Hello Whitney,

Thank you for your request for confirmation of public information.

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

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

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Mariah

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Whitney Goodwin <whitney.goodwin@hlv2k.com>
Sent: August 11, 2021 11:12 AM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Search for Records - 5916 Trafalgar Road North, Erin, Ontario

Hello,

For the purpose of a Phase I Environmental Assessment, can you please conduct a search for any available records for the following location?

5916 Trafalgar Road North, Erin, Ontario – PIN# 71139-0239.

Thank you,

Whitney Goodwin
Junior Environmental Scientist

HLV2K Engineering Limited
2179 Dunwin Drive, Unit # 4, Mississauga, ON L5L 1X2
Tell: (905) 569-9765
Cell: 905-396-4197
Fax: (844) 469-9696
www.HLV2K.com

Appendix F:
ERIS Database Report

DATABASE REPORT

Project Property:	*2100428CE* *5916 Trafalgar Road* *Erin ON L0N*
Project No:	*2100428CE*
Report Type:	*RSC Report - Quote*
Order No:	*21081100098*
Requested by:	*HLV2K Engineering Limited*
Date Completed:	*August 16, 2021*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*2100428CE* *5916 Trafalgar Road Erin ON L0N*
Project No:	*2100428CE*

Order Information:

Order No:	*21081100098*
Date Requested:	*August 11, 2021*
Requested by:	*HLV2K Engineering Limited*
Report Type:	*RSC Report - Quote*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	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	3	0	3
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	1	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	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	4	34	38
	Total:		7	39	46

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		5916 Trafalgar Road North Erin ON	E/0.0	1.08	19
1	EHS		5916 Trafalgar Road North Erin ON	E/0.0	1.08	19
1	EHS		5916 Trafalgar Road North Erin ON	E/0.0	1.08	19
2	WWIS		lot 26 con 5 ON ***Well ID:*** 5737485	S/0.0	-6.48	19
3	WWIS		lot 25 con 8 ON ***Well ID:*** 6709502	E/0.0	-18.12	24
4	WWIS		lot 26 con 7 ON ***Well ID:*** 6703364	NE/0.0	1.42	27
5	WWIS		lot 26 con 7 ON ***Well ID:*** 6704469	NNE/0.0	4.33	29

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	WWIS		lot 25 con 7 ON ***Well ID:*** 6705933	E/40.0	-7.03	33
7	WWIS		lot 25 con 7 ON ***Well ID:*** 6700714	E/100.3	-20.86	37
8	WWIS		5952 TRAFAGAR RD. RR#1 HILLSBURGH lot 27 con 7 ON ***Well ID:*** 7219237	NW/104.1	12.05	40
9	WWIS		lot 25 con 8 ON ***Well ID:*** 6714075	E/123.9	-17.67	42
10	WWIS		lot 26 con 8 ON ***Well ID:*** 6707858	ENE/131.5	-15.83	46
11	WWIS		2 CHURCH STREET lot 25 con 8 HILLSBURGH ON ***Well ID:*** 7249486	E/134.1	-23.30	49
12	WWIS		lot 25 con 8 ON ***Well ID:*** 6712436	E/134.9	-25.74	51
13	WWIS		lot 25 con 8 ON ***Well ID:*** 6705909	ENE/137.9	-16.40	55
14	WWIS		133 TRAFALGAR RD lot 25 con 8 HILLSBURGH ON ***Well ID:*** 7278147	E/140.0	-22.59	59
15	WWIS		con 8 ON ***Well ID:*** 6713318	E/149.2	-26.00	61
16	WWIS		lot 25 con 7 ON ***Well ID:*** 6708389	SSW/168.5	-23.00	65
17	WWIS		lot 25 con 8 ON	E/177.1	-23.39	68

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6711628			
18	WWIS		lot 25 con 8 ON ***Well ID:*** 6713631	E/193.1	-25.75	72
19	PINC		63 Leader Court, Hillsburgh ON	ESE/197.7	-13.24	75
20	GEN	Veterinary Allergy Dermatology Ear Referral Clinic Veterinary Allergy	Dermatology Ear Referral Clinic 20 Queen St. 760-304 Morriston ON N0B 2C0	ENE/203.3	-25.53	76
21	WWIS		lot 27 con 7 ON ***Well ID:*** 6705915	NNW/209.2	13.00	76
22	WWIS		118 TRAFALGAR RD. lot 25 con 7 HILLSBURGH ON ***Well ID:*** 7264117	E/223.7	-29.19	80
23	WWIS		lot 25 con 8 ON ***Well ID:*** 6700740	E/223.9	-27.92	83
24	WWIS		lot 25 con 8 ON ***Well ID:*** 6700738	E/227.6	-28.00	86
25	WWIS		lot 25 con 8 ON ***Well ID:*** 6711348	E/229.2	-28.97	89
26	WWIS		lot 26 con 8 ON ***Well ID:*** 6708826	ENE/234.2	-23.15	92
27	WWIS		lot 25 con 8 ON ***Well ID:*** 6704918	ENE/239.5	-26.95	95
28	WWIS		lot 25 con 7 ON ***Well ID:*** 6708616	E/242.1	-29.19	98
29	WWIS		lot 25 con 8 ON ***Well ID:*** 6709042	E/245.2	-28.00	102
30	WWIS		lot 25 con 7 ON	ESE/246.3	-23.72	105

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6707164			
31	WWIS		lot 25 con 8 ON ***Well ID:*** 6700741	E/251.5	-30.25	108
32	WWIS		lot 25 con 8 ON ***Well ID:*** 6708625	ENE/254.6	-26.39	111
33	WWIS		lot 24 con 8 ON ***Well ID:*** 6713887	E/254.8	-31.41	114
34	WWIS		118 MAIN ST lot 25 con 7 HILLSBURG ON ***Well ID:*** 7266474	E/256.6	-30.69	118
35	WWIS		lot 25 con 7 ON ***Well ID:*** 6707861	ESE/262.1	-33.00	123
36	SPL	Enbridge Gas Distribution Inc.	119 Trafalgar Rd, Hillsburgh Erin ON	E/266.4	-32.22	127
36	PINC	PIPELINE HIT 1/2"	119 TRAFALGAR RD N,,ERIN,ON,N0B 1T0,CA ON	E/266.4	-32.22	128
37	WWIS		lot 25 con 7 ON ***Well ID:*** 6703896	ESE/275.8	-25.69	128
38	WWIS		lot 26 con 8 ON ***Well ID:*** 6708360	ENE/276.2	-23.84	132
39	WWIS		lot 25 con 7 ON ***Well ID:*** 6706900	ESE/277.5	-27.05	135
40	WWIS		114 MAIN ST. HILLSBURGH ON ***Well ID:*** 7197600	E/283.7	-32.05	138
41	HINC		31 GEORGE STREET HILLSBURGH ON	SE/295.3	-30.35	141
42	WWIS		lot 25 con 8 ON	E/297.8	-32.97	141

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 6700742			
43	WWIS		lot 25 con 8 ON ***Well ID:*** 6709157	E/299.7	-30.00	144

Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jun 30, 2021 has found that there are 3 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	5916 Trafalgar Road North Erin ON	0.0	1
	5916 Trafalgar Road North Erin ON	0.0	1
	5916 Trafalgar Road North Erin ON	0.0	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2021 has found that there are 1 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Veterinary Allergy Dermatology Ear Referral Clinic Veterinary Allergy	Dermatology Ear Referral Clinic 20 Queen St. 760-304 Morriston ON N0B 2C0	203.3	20

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	31 GEORGE STREET HILLSBURGH ON	295.3	41

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 2 PINC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	63 Leader Court, Hillsburgh ON	197.7	19
PIPELINE HIT 1/2"	119 TRAFALGAR RD N,,ERIN,ON,N0B 1T0, CA ON	266.4	36

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	119 Trafalgar Rd, Hillsburgh Erin ON	266.4	36

WWIS - Water Well Information System

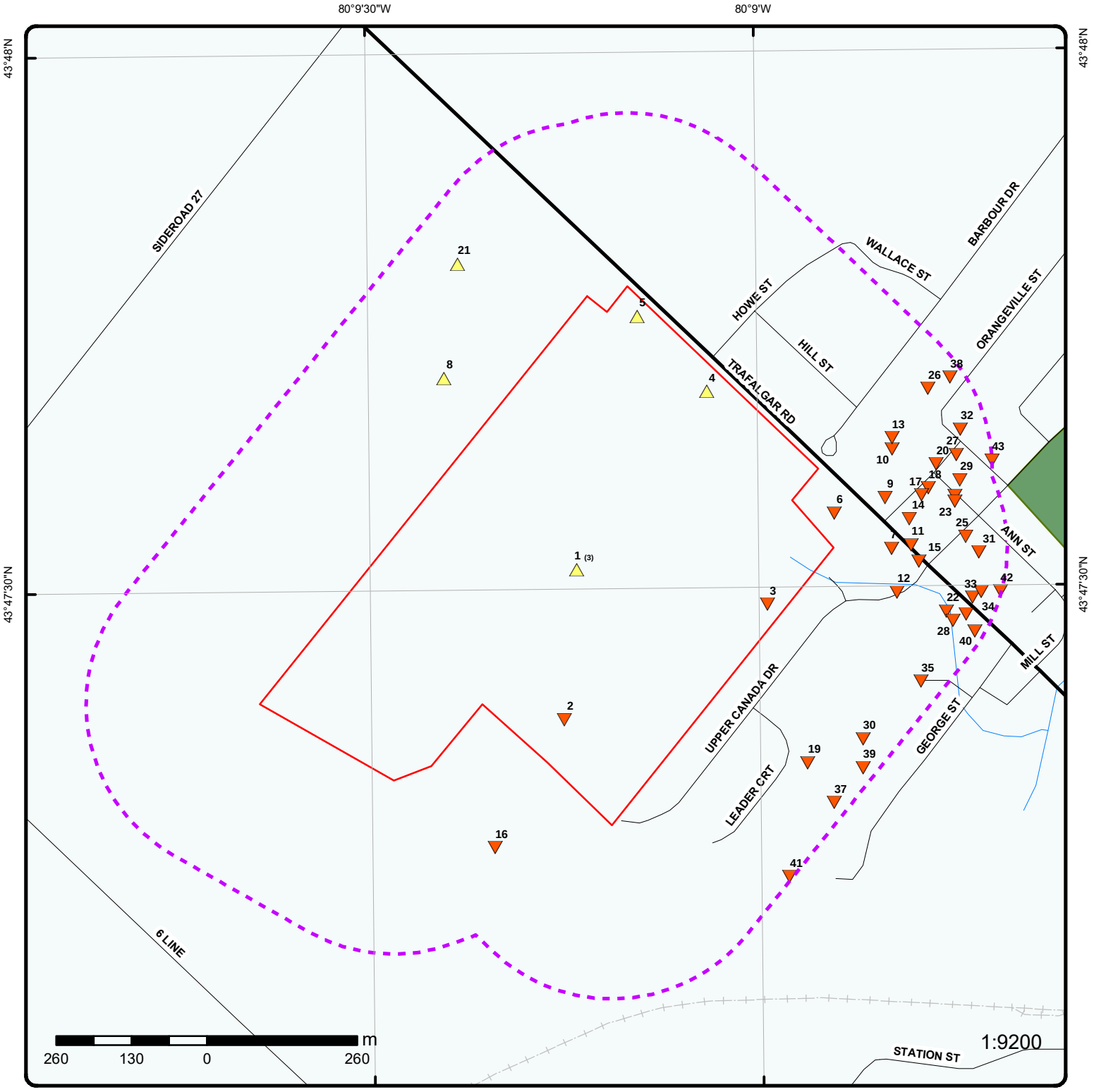
A search of the WWIS database, dated Apr 30, 2021 has found that there are 38 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 26 con 5 ON ***Well ID:*** 5737485	0.0	2
	lot 25 con 8 ON ***Well ID:*** 6709502	0.0	3
	lot 26 con 7 ON ***Well ID:*** 6703364	0.0	4
	lot 26 con 7 ON ***Well ID:*** 6704469	0.0	5

Site	Address	Distance (m)	Map Key
	lot 25 con 7 ON ***Well ID:*** 6705933	40.0	6
	lot 25 con 7 ON ***Well ID:*** 6700714	100.3	7
	5952 TRAFAGAR RD. RR#1 HILLSBURGH lot 27 con 7 ON ***Well ID:*** 7219237	104.1	8
	lot 25 con 8 ON ***Well ID:*** 6714075	123.9	9
	lot 26 con 8 ON ***Well ID:*** 6707858	131.5	10
	2 CHURCH STREET lot 25 con 8 HILLSBURGH ON ***Well ID:*** 7249486	134.1	11
	lot 25 con 8 ON ***Well ID:*** 6712436	134.9	12
	lot 25 con 8 ON ***Well ID:*** 6705909	137.9	13
	133 TRAFALGAR RD lot 25 con 8 HILLSBURGH ON ***Well ID:*** 7278147	140.0	14
	con 8 ON ***Well ID:*** 6713318	149.2	15
	lot 25 con 7 ON ***Well ID:*** 6708389	168.5	16
	lot 25 con 8 ON	177.1	17

Site	Address	Distance (m)	Map Key
	Well ID: 6711628		
	lot 25 con 8 ON	193.1	18
	Well ID: 6713631		
	lot 27 con 7 ON	209.2	21
	Well ID: 6705915		
	118 TRAFALGAR RD. lot 25 con 7 HILLSBURGH ON	223.7	22
	Well ID: 7264117		
	lot 25 con 8 ON	223.9	23
	Well ID: 6700740		
	lot 25 con 8 ON	227.6	24
	Well ID: 6700738		
	lot 25 con 8 ON	229.2	25
	Well ID: 6711348		
	lot 26 con 8 ON	234.2	26
	Well ID: 6708826		
	lot 25 con 8 ON	239.5	27
	Well ID: 6704918		
	lot 25 con 7 ON	242.1	28
	Well ID: 6708616		
	lot 25 con 8 ON	245.2	29
	Well ID: 6709042		
	lot 25 con 7 ON	246.3	30
	Well ID: 6707164		

Site	Address	Distance (m)	Map Key
	lot 25 con 8 ON ***Well ID:*** 6700741	251.5	31
	lot 25 con 8 ON ***Well ID:*** 6708625	254.6	32
	lot 24 con 8 ON ***Well ID:*** 6713887	254.8	33
	118 MAIN ST lot 25 con 7 HILLSBURG ON ***Well ID:*** 7266474	256.6	34
	lot 25 con 7 ON ***Well ID:*** 6707861	262.1	35
	lot 25 con 7 ON ***Well ID:*** 6703896	275.8	37
	lot 26 con 8 ON ***Well ID:*** 6708360	276.2	38
	lot 25 con 7 ON ***Well ID:*** 6706900	277.5	39
	114 MAIN ST. HILLSBURGH ON ***Well ID:*** 7197600	283.7	40
	lot 25 con 8 ON ***Well ID:*** 6700742	297.8	42
	lot 25 con 8 ON ***Well ID:*** 6709157	299.7	43



Map: 0.3 Kilometer Radius

Order Number: 21081100098

Address: 5916 Trafalgar Road, Erin, 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
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

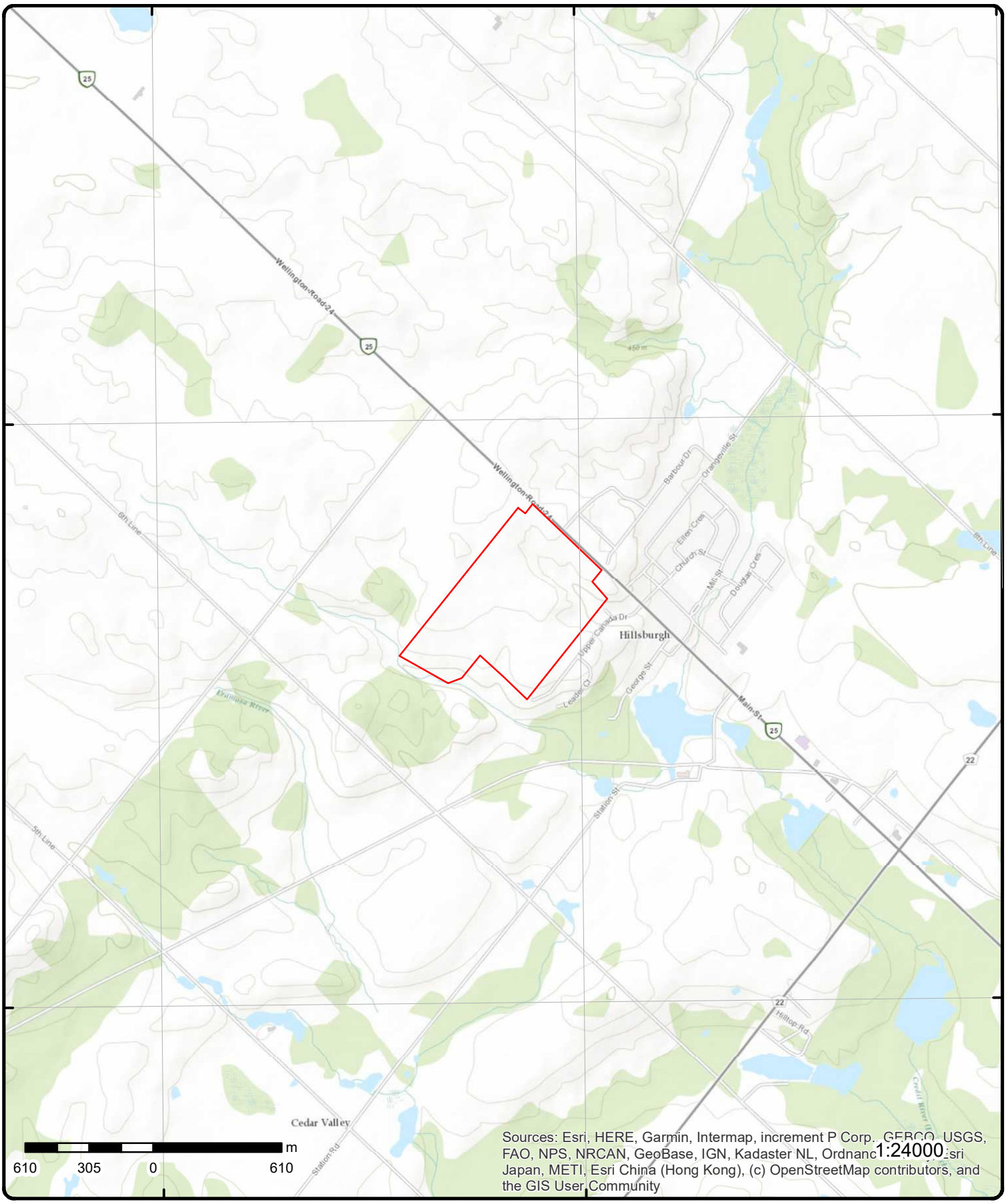
Aerial

Year: 2018

Order Number: 21081100098

Address: 5916 Trafalgar Road, Erin, ON

Source: ESRI World Imagery



Topographic Map

Address: 5916 Trafalgar Road, ON

Source: ESRI World Topographic Map

Order Number: 21081100098

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 3	E/0.0	472.0 / 1.08	5916 Trafalgar Road North Erin ON	EHS

Order No:	20292900103	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	30-SEP-20	**Search Radius (km):**	.25
Date Received:	29-SEP-20	**X:**	-80.15393152
Previous Site Name:		**Y:**	43.79197676
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 3	E/0.0	472.0 / 1.08	5916 Trafalgar Road North Erin ON	EHS

Order No:	20292900103	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	30-SEP-20	**Search Radius (km):**	.25
Date Received:	29-SEP-20	**X:**	-80.15393152
Previous Site Name:		**Y:**	43.79197676
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 3	E/0.0	472.0 / 1.08	5916 Trafalgar Road North Erin ON	EHS

Order No:	20292900103	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	30-SEP-20	**Search Radius (km):**	.25
Date Received:	29-SEP-20	**X:**	-80.15393152
Previous Site Name:		**Y:**	43.79197676
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	S/0.0	464.4 / -6.48	lot 26 con 5 ON	WWIS

Well ID:	5737485	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/15/2003
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	7143
Casing Material:		**Form Version:**	1
Audit No:	245657	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	SIMCOE

Elevation (m):		**Municipality:**	ADJALA TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	05
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/573\5737485.pdf

Additional Detail(s) (Map)

Well Completed Date:	2002/12/10
Year Completed:	2002
Depth (m):	47.244
Latitude:	43.7896433052139
Longitude:	-80.1542186045623
Path:	573\5737485.pdf

Bore Hole Information

Bore Hole ID:	10541210	**Elevation:**	461.425933
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	568049.00
Code OB Desc:	Overburden	**North83:**	4848857.00
Open Hole:		**Org CS:**	NA
Cluster Kind:		**UTMRC:**	6
Date Completed:	10-Dec-2002 00:00:00	**UTMRC Desc:**	margin of error : 300 m - 1 km
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932917790
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	141.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932917789
Layer:	2

Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	1.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932917791
Layer:	4
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	141.0
Formation End Depth:	147.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932917788
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932917792
Layer:	5
Color:	2
General Color:	GREY
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	147.0
Formation End Depth:	155.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933239282
Layer:	1
Plug From:	0
Plug To:	14
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	965737485
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11089780
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930671158
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	14
Casing Diameter:	8
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930671159
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	151
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933405228
Layer:	1
Slot:	006
Screen Top Depth:	149
Screen End Depth:	153
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5

Results of Well Yield Testing

Pump Test ID:	995737485
Pump Set At:	
Static Level:	103.0
Final Level After Pumping:	141.0
Recommended Pump Depth:	145.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934315242
Test Type:	Draw Down
Test Duration:	15
Test Level:	121.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934846110
Test Type:	Draw Down
Test Duration:	45
Test Level:	135.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934589666
Test Type:	Draw Down
Test Duration:	30
Test Level:	129.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935104826
Test Type:	Draw Down
Test Duration:	60
Test Level:	138.0
Test Level UOM:	ft

Water Details

Water ID:	934034987
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	150.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	E/0.0	452.8 / -18.12	lot 25 con 8 ON	WWIS

Well ID:	6709502	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/6/1989
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2576
Casing Material:		**Form Version:**	1
Audit No:	30853	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6709502.pdf

Additional Detail(s) (Map)

Well Completed Date:	1988/12/20
Year Completed:	1988
Depth (m):	15.24
Latitude:	43.7913935680193
Longitude:	-80.1498399269952
Path:	670\6709502.pdf

Bore Hole Information

Bore Hole ID:	10473351	**Elevation:**	454.123779
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	568399.30
Code OB Desc:	Overburden	**North83:**	4849055.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	20-Dec-1988 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932643815
Layer:	3
Color:	
General Color:	
Mat1:	31
Most Common Material:	COARSE GRAVEL

Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932643814
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	33.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932643813
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	33.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966709502
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11021921
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930770595
Layer:	1
Material:	1

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

Results of Well Yield Testing

Pump Test ID:	996709502
Pump Set At:	
Static Level:	18.0
Final Level After Pumping:	
Recommended Pump Depth:	40.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935138705
Test Type:	Recovery
Test Duration:	60
Test Level:	18.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934617722
Test Type:	Recovery
Test Duration:	30
Test Level:	18.0
Test Level UOM:	ft

Water Details

Water ID:	933962933
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	50.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933962932
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	43.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	NE/0.0	472.3 / 1.42	lot 26 con 7 ON	WWIS

Well ID:	6703364	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	5/30/1969
Sec. Water Use:	Domestic	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3316
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6703364.pdf

Additional Detail(s) (Map)

Well Completed Date:	1969/02/05
Year Completed:	1969
Depth (m):	68.58
Latitude:	43.7947163158234
Longitude:	-80.15109797076
Path:	670\6703364.pdf

Bore Hole Information

Bore Hole ID:	10467506	**Elevation:**	470.787902
DP2BR:	154.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568294.30
Code OB Desc:	Bedrock	**North83:**	4849423.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	05-Feb-1969 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932617661
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY

Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 94.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932617662
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 94.0
Formation End Depth: 154.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932617663
Layer: 3
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 154.0
Formation End Depth: 225.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966703364
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11016076
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930760519
Layer: 1
Material: 1

Open Hole or Material:	STEEL
Depth From:	
Depth To:	156
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930760520
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	225
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996703364
Pump Set At:	
Static Level:	85.0
Final Level After Pumping:	92.0
Recommended Pump Depth:	125.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933955836
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	220.0
Water Found Depth UOM:	ft

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5 | ***1 of 1*** | ***NNE/0.0*** | ***475.2 / 4.33*** | ***lot 26 con 7 ON*** | ***WWIS***

Well ID:	6704469	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/27/1972
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3316
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP

Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6704469.pdf

Additional Detail(s) (Map)

Well Completed Date:	1972/09/22
Year Completed:	1972
Depth (m):	88.392
Latitude:	43.7958977547322
Longitude:	-80.1525728762077
Path:	670\6704469.pdf

Bore Hole Information

Bore Hole ID:	10468577	**Elevation:**	478.694366
DP2BR:	182.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568174.30
Code OB Desc:	Bedrock	**North83:**	4849553.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	22-Sep-1972 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932622158
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	190.0
Formation End Depth:	265.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932622155
Layer:	1
Color:	

General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	140.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932622160
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	275.0
Formation End Depth:	290.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932622156
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	140.0
Formation End Depth:	182.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932622159
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	265.0
Formation End Depth:	275.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932622157
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	182.0
Formation End Depth:	190.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966704469
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11017147
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930762492
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	290
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930762491
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	187
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996704469
Pump Set At:	
Static Level:	138.0
Final Level After Pumping:	140.0

Recommended Pump Depth:	170.0
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:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935135208
Test Type:	Draw Down
Test Duration:	60
Test Level:	140.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934348486
Test Type:	Draw Down
Test Duration:	15
Test Level:	140.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934615928
Test Type:	Draw Down
Test Duration:	30
Test Level:	140.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934869375
Test Type:	Draw Down
Test Duration:	45
Test Level:	140.0
Test Level UOM:	ft

Water Details

Water ID:	933957119
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	289.0
Water Found Depth UOM:	ft

6	***1 of 1***	***E/40.0***	***463.8 / -7.03***	***lot 25 con 7 ON***	***WWIS***

Well ID:	6705933	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/3/1976
Sec. Water Use:	0	***Selected Flag:***	True

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3317
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6705933.pdf

Additional Detail(s) (Map)

Well Completed Date:	1975/05/30
Year Completed:	1975
Depth (m):	35.052
Latitude:	43.792805376155
Longitude:	-80.1483905058227
Path:	670\6705933.pdf

Bore Hole Information

Bore Hole ID:	10470017	***Elevation:***	466.376678
DP2BR:	90.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	568514.30
Code OB Desc:	Bedrock	***North83:***	4849213.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	30-May-1975 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932628406
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	97.0
Formation End Depth:	115.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628405
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	90.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628403
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628404
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966705933
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11018587

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930764820
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 115
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930764819
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 99
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996705933
Pump Set At:
Static Level: 41.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 80.0
Pumping Rate: 9.0
Flowing Rate:
Recommended Pump Rate: 9.0
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: 934343060
Test Type: Draw Down
Test Duration: 15
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934619808
Test Type: Draw Down
Test Duration: 30
Test Level: 55.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934872639
Test Type:	Draw Down
Test Duration:	45
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935138115
Test Type:	Draw Down
Test Duration:	60
Test Level:	55.0
Test Level UOM:	ft

Water Details

Water ID:	933958789
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

---

7 ***1 of 1*** ***E/100.3*** ***450.0 / -20.86*** ***lot 25 con 7 ON*** ***WWIS***

Well ID:	6700714	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/17/1958
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1723
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	1957/10/19
Year Completed:	1957
Depth (m):	33.528
Latitude:	43.7922470277503
Longitude:	-80.1471679139059
Path:	

Bore Hole Information

Bore Hole ID:	10464860	***Elevation:***	452.332244
DP2BR:	105.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	568613.30
Code OB Desc:	Bedrock	***North83:***	4849152.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	19-Oct-1957 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932605805
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	105.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605804
Layer:	3
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605803
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932605802
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966700714
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11013430
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930755491
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930755490
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 108
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

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

Results of Well Yield Testing

Pump Test ID:	996700714
Pump Set At:	
Static Level:	65.0
Final Level After Pumping:	75.0
Recommended Pump Depth:	
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	5
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933952841
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

8	*1 of 1*	*NW/104.1*	*482.9 / 12.05*	*5952 TRAFAGAR RD. RR#1 HILLSBURGH lot 27 con 7 ON*	*WWIS*

Well ID:	7219237	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	4/17/2014
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7154
Casing Material:		***Form Version:***	7
Audit No:	Z169293	***Owner:***	
Tag:		***Street Name:***	5952 TRAFAGAR RD. RR#1 HILLSBURGH
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	027
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7219237.pdf

Additional Detail(s) (Map)

Well Completed Date:	2013/09/15
Year Completed:	2013
Depth (m):	
Latitude:	43.7949650918373
Longitude:	-80.1567289990921

Path: 721\7219237.pdf

Bore Hole Information

Bore Hole ID:	1004731808	***Elevation:***	483.890289
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	567841.00
Code OB Desc:		***North83:***	4849446.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	5
Date Completed:	15-Sep-2013 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005142159
Layer:	1
Plug From:	0
Plug To:	75
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005142158
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1005142152
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1005142157
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Water Details

Water ID:	1005142155
Layer:	
Kind Code:	

Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005142154
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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9 | **1 of 1** | **E/123.9** | **453.2 / -17.67** | **lot 25 con 8 ON** | **WWIS**

Well ID: 6714075
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 245698
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/26/2002
Selected Flag: True
Abandonment Rec:
Contractor: 7154
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6714075.pdf

Additional Detail(s) (Map)

Well Completed Date: 2002/06/18
Year Completed: 2002
Depth (m): 38.4048
Latitude: 43.7930403254978
Longitude: -80.147297087293
Path: 671\6714075.pdf

Bore Hole Information

Bore Hole ID: 10528610
DP2BR: 98.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 18-Jun-2002 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation: 454.266937
Elevrc:
Zone: 17
East83: 568602.00
North83: 4849240.00
Org CS:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932874515
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	98.0
Formation End Depth:	126.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932874511
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932874512
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932874513
Layer:	3
Color:	2
General Color:	GREY

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 76.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932874514
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 76.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933229353
Layer: 1
Plug From: 0
Plug To: 102
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966714075
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11077180
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930778620
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930778621
Layer:	2
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996714075
Pump Set At:	
Static Level:	57.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	85.0
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:	4
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934613103
Test Type:	Recovery
Test Duration:	30
Test Level:	57.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935135177
Test Type:	Recovery
Test Duration:	60
Test Level:	57.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934874123
Test Type:	Recovery
Test Duration:	45
Test Level:	57.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934357305
Test Type:	Recovery
Test Duration:	15

Test Level: 58.0
Test Level UOM: ft

Water Details

Water ID: 934021535
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 118.0
Water Found Depth UOM: ft

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10 | **1 of 1** | **ENE/131.5** | **455.0 / -15.83** | **lot 26 con 8 ON** | **WWIS**

Well ID: 6707858
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/10/1984
Selected Flag: True
Abandonment Rec:
Contractor: 2332
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 026
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6707858.pdf

Additional Detail(s) (Map)

Well Completed Date: 1983/07/06
Year Completed: 1983
Depth (m): 36.576
Latitude: 43.7937864202928
Longitude: -80.1471335912118
Path: 670\6707858.pdf

Bore Hole Information

Bore Hole ID: 10471859
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 06-Jul-1983 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation: 458.392303
Elevrc:
Zone: 17
East83: 568614.30
North83: 4849323.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932637198
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	97.0
Formation End Depth:	120.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637196
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637197
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966707858
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID: 11020429
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930767904
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930767903
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 100
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996707858
Pump Set At:
Static Level: 49.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 80.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 6.0
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: 934867754
Test Type: Recovery
Test Duration: 45
Test Level: 49.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934347498
Test Type: Recovery

Test Duration: 15
Test Level: 51.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934614421
Test Type: Recovery
Test Duration: 30
Test Level: 49.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935134781
Test Type: Recovery
Test Duration: 60
Test Level: 49.0
Test Level UOM: ft

Water Details

Water ID: 933961062
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100.0
Water Found Depth UOM: ft

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11 | **1 of 1** | **E/134.1** | **447.6 / -23.30** | **2 CHURCH STREET lot 25 con 8 HILLSBURGH ON** | **WWIS**

Well ID: 7249486
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z211515
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 10/7/2015
Selected Flag: True
Abandonment Rec: Yes
Contractor: 7221
Form Version: 7
Owner:
Street Name: 2 CHURCH STREET
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/724\7249486.pdf

Additional Detail(s) (Map)

Well Completed Date: 2015/09/02
Year Completed: 2015
Depth (m):
Latitude: 43.7922979185287
Longitude: -80.1467483155215

Path: 724\7249486.pdf

Bore Hole Information

Bore Hole ID:	1005717516	***Elevation:***	450.004577
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	568647.00
Code OB Desc:		***North83:***	4849158.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	02-Sep-2015 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005742737
Layer:	1
Plug From:	0
Plug To:	5
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005742740
Layer:	2
Plug From:	5
Plug To:	169
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005742738
Layer:	2
Plug From:	5
Plug To:	169
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005742739
Layer:	1
Plug From:	0
Plug To:	5
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005742736
Method Construction Code:	

Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005742728
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1005742734
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1005742731
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1005742730
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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12 | ***1 of 1*** | ***E/134.9*** | ***445.1 / -25.74*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID: 6712436
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 181330
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:

Data Entry Status:
Data Src: 1
Date Received: 1/5/1998
Selected Flag: True
Abandonment Rec:
Contractor: 3317
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712436.pdf

Additional Detail(s) (Map)

Well Completed Date: 1997/07/30
Year Completed: 1997
Depth (m): 39.624
Latitude: 43.7915618844396
Longitude: -80.1470533636641
Path: 671\6712436.pdf

Bore Hole Information

Bore Hole ID: 10476269
DP2BR: 74.00
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 30-Jul-1997 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 445.406890
Elevrc:
Zone: 17
East83: 568623.30
North83: 4849076.00
Org CS:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Overburden and Bedrock Materials Interval

Formation ID: 932657141
Layer: 3
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932657140
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0

Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932657139
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932657144
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	79.0
Formation End Depth:	130.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932657143
Layer:	5
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	83
Mat3 Desc:	SHARP
Formation Top Depth:	74.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932657142
Layer:	4
Color:	
General Color:	
Mat1:	05

Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966712436
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11024839
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930775910
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	130
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930775909
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	83
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996712436
Pump Set At:	
Static Level:	32.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	80.0
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:	934869047
Test Type:	Draw Down
Test Duration:	45
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934616795
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935138857
Test Type:	Draw Down
Test Duration:	60
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934352207
Test Type:	Draw Down
Test Duration:	15
Test Level:	55.0
Test Level UOM:	ft

Water Details

Water ID:	933966795
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

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13 | ***1 of 1*** | ***ENE/137.9*** | ***454.5 / -16.40*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6705909	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/3/1976
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3316
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	

Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6705909.pdf

Additional Detail(s) (Map)

Well Completed Date:	1975/07/08
Year Completed:	1975
Depth (m):	46.6344
Latitude:	43.7939664770238
Longitude:	-80.1471310303371
Path:	670\6705909.pdf

Bore Hole Information

Bore Hole ID:	10469993	**Elevation:**	460.291961
DP2BR:	79.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568614.30
Code OB Desc:	Bedrock	**North83:**	4849343.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	08-Jul-1975 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932628296
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	40.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628297
Layer:	3
Color:	6
General Color:	BROWN

Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	79.0
Formation End Depth:	153.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628295
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966705909
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11018563
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930764772
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	153
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930764771
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	84

Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996705909
Pump Set At:	
Static Level:	32.0
Final Level After Pumping:	33.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935138091
Test Type:	Draw Down
Test Duration:	60
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934619787
Test Type:	Draw Down
Test Duration:	30
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934872618
Test Type:	Draw Down
Test Duration:	45
Test Level:	33.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934343039
Test Type:	Draw Down
Test Duration:	15
Test Level:	33.0
Test Level UOM:	ft

Water Details

Water ID:	933958762
Layer:	1
Kind Code:	1
Kind:	FRESH

Water Found Depth: 152.0
Water Found Depth UOM: ft

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14 | **1 of 1** | **E/140.0** | **448.3 / -22.59** | **133 TRAFALGAR RD lot 25 con 8 HILLSBURGH ON** | **WWIS**

Well ID: 7278147
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z249170
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 12/28/2016
Selected Flag: True
Abandonment Rec: Yes
Contractor: 7221
Form Version: 7
Owner:
Street Name: 133 TRAFALGAR RD
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7278147.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/12/21
Year Completed: 2016
Depth (m):
Latitude: 43.7927033245985
Longitude: -80.1467798360528
Path: 727\7278147.pdf

Bore Hole Information

Bore Hole ID: 1006322442
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Dec-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 450.847503
Elevrc:
Zone: 17
East83: 568644.00
North83: 4849203.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006532121
Layer:
Color:

General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006532128
Layer: 1
Plug From: 0
Plug To: 0.910000026226044
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006532129
Layer: 2
Plug From: 0.910000026226044
Plug To: 7.32000017166138
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1006532127
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006532120
Casing No: 0
Comment:
Alt Name:

Construction Record - Screen

Screen ID: 1006532125
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1006532123
Layer:
Kind Code:

Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006532122
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

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15 | **1 of 1** | **E/149.2** | **444.9 / -26.00** | **con 8 ON** | **WWIS**

Well ID: 6713318
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 206588
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/5/2000
Selected Flag: True
Abandonment Rec:
Contractor: 3317
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot:
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6713318.pdf

Additional Detail(s) (Map)

Well Completed Date: 2000/01/26
Year Completed: 2000
Depth (m): 49.3776
Latitude: 43.7920446048388
Longitude: -80.1465866078492
Path: 671\6713318.pdf

Bore Hole Information

Bore Hole ID: 10477151
DP2BR: 70.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 26-Jan-2000 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation: 447.065032
Elevrc:
Zone: 17
East83: 568660.30
North83: 4849130.00
Org CS:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	932661645
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932661646
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932661647
Layer:	4
Color:	4
General Color:	GREEN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	62.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932661644
Layer:	1
Color:	8
General Color:	BLACK

Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932661649
Layer: 6
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 162.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932661648
Layer: 5
Color: 4
General Color: GREEN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 62.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966713318
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11025721
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930777436

Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 162
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930777435
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996713318
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 45.0
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: 934619621
Test Type: Draw Down
Test Duration: 30
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934355047
Test Type: Draw Down
Test Duration: 15
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934871885
Test Type: Draw Down
Test Duration: 45
Test Level: 45.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935132938
Test Type: Draw Down
Test Duration: 60
Test Level: 45.0
Test Level UOM: ft

Water Details

Water ID: 933968046
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 162.0
Water Found Depth UOM: ft

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16 | ***1 of 1*** | ***SSW/168.5*** | ***447.9 / -23.00*** | ***lot 25 con 7 ON*** | ***WWIS***

Well ID: 6708389
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/12/1986
Selected Flag: True
Abandonment Rec:
Contractor: 2332
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
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\6708389.pdf

Additional Detail(s) (Map)

Well Completed Date: 1985/05/09
Year Completed: 1985
Depth (m): 41.148
Latitude: 43.7876556687455
Longitude: -80.1557343313057
Path: 670\6708389.pdf

Bore Hole Information

Bore Hole ID: 10472295
DP2BR: 48.00
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:

Elevation: 449.433105
Elevrc:
Zone: 17
East83: 567929.30
North83: 4848635.00
Org CS:

Cluster Kind:		**UTMRC:**	3
Date Completed:	09-May-1985 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932639064
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	25
Most Common Material:	OVERBURDEN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932639065
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	31
Most Common Material:	COARSE GRAVEL
Mat2:	30
Mat2 Desc:	MEDIUM GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932639066
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	48.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932639067
Layer:	4
Color:	2
General Color:	GREY
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	97.0
Formation End Depth:	135.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966708389
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11020865
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930768671
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	101
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930768672
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	135
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996708389
Pump Set At:	
Static Level:	21.0
Final Level After Pumping:	39.0
Recommended Pump Depth:	55.0

Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	9.0
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:	934348607
Test Type:	Recovery
Test Duration:	15
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935135924
Test Type:	Recovery
Test Duration:	60
Test Level:	21.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934615037
Test Type:	Recovery
Test Duration:	30
Test Level:	21.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934867251
Test Type:	Recovery
Test Duration:	45
Test Level:	21.0
Test Level UOM:	ft

Water Details

Water ID:	933961613
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

17	***1 of 1***	***E/177.1***	***447.5 / -23.39***	***lot 25 con 8 ON***	***WWIS***

Well ID:	6711628	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/16/1995
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:	149971	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6711628.pdf

Additional Detail(s) (Map)

Well Completed Date:	1994/10/27
Year Completed:	1994
Depth (m):	44.196
Latitude:	43.7930704642262
Longitude:	-80.1465098602998
Path:	671\6711628.pdf

Bore Hole Information

Bore Hole ID:	10475461	**Elevation:**	448.755950
DP2BR:	93.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568665.30
Code OB Desc:	Bedrock	**North83:**	4849244.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	27-Oct-1994 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932653412
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	93.0
Formation End Depth:	145.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932653411
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	20.0
Formation End Depth:	93.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932653410
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966711628
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11024031
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930774434
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	145
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: 930774433
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 97
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996711628
Pump Set At:
Static Level: 55.0
Final Level After Pumping: 75.0
Recommended Pump Depth: 90.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935136128
Test Type: Draw Down
Test Duration: 60
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934614536
Test Type: Draw Down
Test Duration: 30
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934875558
Test Type: Draw Down
Test Duration: 45
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934349387
Test Type: Draw Down
Test Duration: 15
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:	933965652
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	1 of 1	E/193.1	445.1 / -25.75	lot 25 con 8 ON	WWIS

Well ID:	6713631	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/2/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3317
Casing Material:		***Form Version:***	1
Audit No:	206565	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	08
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6713631.pdf

Additional Detail(s) (Map)

Well Completed Date:	2001/01/09
Year Completed:	2001
Depth (m):	51.816
Latitude:	43.7931774122031
Longitude:	-80.1463629106922
Path:	671\6713631.pdf

Bore Hole Information

Bore Hole ID:	10477464	***Elevation:***	448.375915
DP2BR:	97.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	568677.00
Code OB Desc:	Bedrock	***North83:***	4849256.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	2
Date Completed:	09-Jan-2001 00:00:00	***UTMRC Desc:***	margin of error : 3 - 10 m
Remarks:		***Location Method:***	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932663100
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	81.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932663099
Layer:	2
Color:	4
General Color:	GREEN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	81.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932663098
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	81
Mat3 Desc:	SANDY
Formation Top Depth:	0.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932663101
Layer:	4
Color:	4
General Color:	GREEN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 170.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966713631
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11026034
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930777981
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930777982
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996713631
Pump Set At:
Static Level: 50.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 90.0
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:	934620712
Test Type:	Draw Down
Test Duration:	30
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934872976
Test Type:	Draw Down
Test Duration:	45
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935134030
Test Type:	Draw Down
Test Duration:	60
Test Level:	55.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934356708
Test Type:	Draw Down
Test Duration:	15
Test Level:	55.0
Test Level UOM:	ft

Water Details

Water ID:	933968445
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	167.0
Water Found Depth UOM:	ft

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19 ***1 of 1*** ***ESE/197.7*** ***457.6 / -13.24*** ***63 Leader Court, Hillsburgh ON*** ***PINC***

Incident ID:	2653288	***Pipe Material:***	
Incident No:	496970	***Fuel Category:***	Natural Gas
Incident Reported Dt:		***Health Impact:***	No
Type:	FS-Pipeline Incident	***Environment Impact:***	No
Status Code:	Pipeline Damage Reason Est	***Property Damage:***	Yes
Tank Status:	RC Established	***Service Interrupt:***	Yes
Task No:	3157993	***Enforce Policy:***	Yes
Spills Action Centre:		***Public Relation:***	No
Fuel Type:	Natural Gas	***Pipeline System:***	
Fuel Occurrence Tp:	Pipeline Strike	***PSIG:***	
Date of Occurrence:	10/18/2010 0:00	***Attribute Category:***	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2010/12/14	***Regulator Location:***	
Depth:		***Method Details:***	E-mail
Customer Acct Name:			
Incident Address:			
Operation Type:	Construction Site (including excavation)		

Pipeline Type:
Regulator Type:
Summary: 63 Leader Court, Hillsburgh - 1/2" Pipeline Hit
Reported By: Jorgensen, Eric - Enbridge
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Occurrence Desc:
Damage Reason: Excavation practices not sufficient
Notes:

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20 | **1 of 1** | **ENE/203.3** | **445.3 / -25.53** | **Veterinary Allergy Dermatology Ear Referral Clinic Veterinary Allergy Dermatology Ear Referral Clinic 20 Queen St. 760-304 Morriston ON N0B 2C0** | **GEN**

Generator No: ON4256483
Status: Registered
Approval Years: As of Apr 2021
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 312 P
Waste Class Desc: Pathological wastes

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21 | **1 of 1** | **NNW/209.2** | **483.9 / 13.00** | **lot 27 con 7 ON** | **WWIS**

Well ID: 6705915
Construction Date:
Primary Water Use: Livestock
Sec. Water Use: Domestic
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/3/1976
Selected Flag: True
Abandonment Rec:
Contractor: 3317
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 027
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\6705915.pdf

Additional Detail(s) (Map)

Well Completed Date: 1975/06/05
Year Completed: 1975
Depth (m): 67.9704
Latitude: 43.7967365171008
Longitude: -80.1564144570897
Path: 670\6705915.pdf

Bore Hole Information

Bore Hole ID:	10469999	***Elevation:***	483.187194
DP2BR:	191.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	567864.30
Code OB Desc:	Bedrock	***North83:***	4849643.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	05-Jun-1975 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932628317
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	160.0
Formation End Depth:	191.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628319
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	204.0
Formation End Depth:	223.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932628314
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND

Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628318
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 191.0
Formation End Depth: 204.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628315
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 115.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932628316
Layer: 3
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 115.0
Formation End Depth: 160.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966705915
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11018569
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930764783
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 193
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930764784
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 223
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996705915
Pump Set At:
Static Level: 115.0
Final Level After Pumping: 135.0
Recommended Pump Depth: 175.0
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: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934619792
Test Type: Draw Down
Test Duration: 30
Test Level: 135.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934872623
Test Type:	Draw Down
Test Duration:	45
Test Level:	135.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934343044
Test Type:	Draw Down
Test Duration:	15
Test Level:	135.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935138097
Test Type:	Draw Down
Test Duration:	60
Test Level:	135.0
Test Level UOM:	ft

Water Details

Water ID:	933958768
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	212.0
Water Found Depth UOM:	ft

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22 ***1 of 1*** ***E/223.7*** ***441.7 / -29.19*** ***118 TRAFALGAR RD. lot 25 con 7 HILLSBURGH ON*** ***WWIS***

Well ID:	7264117	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	6/2/2016
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	0	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	2576
Casing Material:		***Form Version:***	7
Audit No:	Z227057	***Owner:***	
Tag:		***Street Name:***	118 TRAFALGAR RD.
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2016/05/29
Year Completed: 2016
Depth (m):
Latitude: 43.7912659323815
Longitude: -80.1460048110906
Path:

Bore Hole Information

Bore Hole ID: 1006030526
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 29-May-2016 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 439.971252
Elevrc:
Zone: 17
East83: 568708.00
North83: 4849044.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1006112517
Layer:
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006112526
Layer: 4
Plug From: 10.4169998168945
Plug To: 5
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1006112528
Layer: 6
Plug From: 3
Plug To: 0.5
Plug Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	1006112529
Layer:	7
Plug From:	0.5
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006112524
Layer:	2
Plug From:	25
Plug To:	12
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006112523
Layer:	1
Plug From:	27
Plug To:	25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006112525
Layer:	3
Plug From:	12
Plug To:	10.4169998168945
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006112527
Layer:	5
Plug From:	5
Plug To:	3
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006112522
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1006112516
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID: 1006112521
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006112519
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006112518
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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23 | 1 of 1 | E/223.9 | 443.0 / -27.92 | lot 25 con 8 ON | WWIS

Well ID: 6700740
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/14/1958
Selected Flag: True
Abandonment Rec:
Contractor: 1659
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700740.pdf

Additional Detail(s) (Map)

Well Completed Date: 1958/08/04
Year Completed: 1958
Depth (m): 42.672
Latitude: 43.792966140265
Longitude: -80.1458028548498

Path: 670\6700740.pdf

Bore Hole Information

Bore Hole ID:	10464886	***Elevation:***	443.934906
DP2BR:	95.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	568722.30
Code OB Desc:	Bedrock	***North83:***	4849233.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	04-Aug-1958 00:00:00	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932605903
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605905
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	95.0
Formation End Depth:	140.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605904
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05

Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966700740
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11013456
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930755542
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	140
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930755541
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	96
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996700740
Pump Set At:	
Static Level:	40.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	
Pumping Rate:	5.0
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:	7
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933952870
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140.0
Water Found Depth UOM:	ft

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24 | ***1 of 1*** | ***E/227.6*** | ***442.9 / -28.00*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6700738	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/23/1965
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2406
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700738.pdf

Additional Detail(s) (Map)

Well Completed Date:	1965/02/16
Year Completed:	1965
Depth (m):	45.72
Latitude:	43.793056168613
Longitude:	-80.1458015724544
Path:	670\6700738.pdf

Bore Hole Information

Bore Hole ID:	10464884	**Elevation:**	444.080718
DP2BR:	80.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568722.30
Code OB Desc:	Bedrock	**North83:**	4849243.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	16-Feb-1965 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 932605896
Layer: 4
Color:
General Color:
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 88.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932605897
Layer: 5
Color: 6
General Color: BROWN
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932605895
Layer: 3
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932605893
Layer: 1
Color:

General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932605894
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966700738
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11013454
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930755538
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 150
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930755537
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	80
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996700738
Pump Set At:	
Static Level:	34.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	60.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933952868
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	148.0
Water Found Depth UOM:	ft

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25 | ***1 of 1*** | ***E/229.2*** | ***441.9 / -28.97*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6711348	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/24/1994
Sec. Water Use:		**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:	128314	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6711348.pdf

Additional Detail(s) (Map)

Well Completed Date: 1993/10/19

Year Completed:	1993
Depth (m):	48.768
Latitude:	43.7924242049505
Longitude:	-80.1455744129616
Path:	671\6711348.pdf

Bore Hole Information

Bore Hole ID:	10475182	**Elevation:**	442.284301
DP2BR:	74.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568741.30
Code OB Desc:	Bedrock	**North83:**	4849173.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	19-Oct-1993 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932652130
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	74.0
Formation End Depth:	160.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932652128
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932652129

Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966711348
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11023752
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930773958
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	77
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930773959
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	160
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996711348
Pump Set At:	
Static Level:	40.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	75.0
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:	15
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934874546
Test Type:	
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934613519
Test Type:	
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935135503
Test Type:	
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934348784
Test Type:	
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	933965281
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	150.0
Water Found Depth UOM:	ft

26 ***1 of 1*** ***ENE/234.2*** ***447.7 / -23.15*** ***lot 26 con 8 ON*** ***WWIS***

Well ID:	6708826	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/14/1987
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3317
Casing Material:		***Form Version:***	1
Audit No:	NA	***Owner:***	

Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6708826.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/04/13
Year Completed:	1987
Depth (m):	15.24
Latitude:	43.7947259647411
Longitude:	-80.1463495670479
Path:	670\6708826.pdf

Bore Hole Information

Bore Hole ID:	10472716	**Elevation:**	449.854034
DP2BR:	49.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568676.30
Code OB Desc:	Bedrock	**North83:**	4849428.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	13-Apr-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932640956
Layer:	2
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	49.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932640955
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	49.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966708826
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11021286
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930769437
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	50
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996708826
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	23.0
Recommended Pump Depth:	40.0
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:	934868881
Test Type:	Draw Down
Test Duration:	45
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934616121
Test Type:	Draw Down
Test Duration:	30
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935137064
Test Type:	Draw Down
Test Duration:	60
Test Level:	23.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934340993
Test Type:	Draw Down
Test Duration:	15
Test Level:	23.0
Test Level UOM:	ft

Water Details

Water ID:	933962119
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

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27 | ***1 of 1*** | ***ENE/239.5*** | ***443.9 / -26.95*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6704918	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/18/1974
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3316
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6704918.pdf

Additional Detail(s) (Map)

Well Completed Date: 1973/09/18
Year Completed: 1973
Depth (m): 27.7368
Latitude: 43.7936950911469
Longitude: -80.1457551818321
Path: 670\6704918.pdf

Bore Hole Information

Bore Hole ID: 10469022
DP2BR: 67.00
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 18-Sep-1973 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 444.730499
Elevrc:
Zone: 17
East83: 568725.30
North83: 4849314.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 932624093
Layer: 3
Color: 6
General Color: BROWN
Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 67.0
Formation End Depth: 91.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932624091
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 0.0
Formation End Depth: 58.0

Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932624092
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	67.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966704918
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11017592
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930763218
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	77
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930763219
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	91
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996704918

Pump Set At:	
Static Level:	32.0
Final Level After Pumping:	42.0
Recommended Pump Depth:	75.0
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:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934870487
Test Type:	Draw Down
Test Duration:	45
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934349641
Test Type:	Draw Down
Test Duration:	15
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935135812
Test Type:	Draw Down
Test Duration:	60
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934617626
Test Type:	Draw Down
Test Duration:	30
Test Level:	42.0
Test Level UOM:	ft

Water Details

Water ID:	933957645
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

28	***1 of 1***	***E/242.1***	***441.7 / -29.19***	***lot 25 con 7 ON***	***WWIS***

Well ID: 6708616 ***Data Entry Status:***

Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/13/1987
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:	01027	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6708616.pdf

Additional Detail(s) (Map)

Well Completed Date:	1986/12/01
Year Completed:	1986
Depth (m):	29.5656
Latitude:	43.7911118346307
Longitude:	-80.1458665547097
Path:	670\6708616.pdf

Bore Hole Information

Bore Hole ID:	10472508	**Elevation:**	439.124359
DP2BR:	67.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568719.30
Code OB Desc:	Bedrock	**North83:**	4849027.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	01-Dec-1986 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932640120
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0

Formation End Depth:	35.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932640121
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	35.0
Formation End Depth:	67.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932640122
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	67.0
Formation End Depth:	97.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966708616
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11021078
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930769057
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70
Casing Diameter:	5
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930769058
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996708616
Pump Set At:
Static Level: 29.0
Final Level After Pumping: 40.0
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: 934868347
Test Type: Draw Down
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935136511
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934615579
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934349184
Test Type: Draw Down

Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933961873
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85.0
Water Found Depth UOM: ft

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29 | **1 of 1** | **E/245.2** | **442.9 / -28.00** | **lot 25 con 8 ON** | **WWIS**

Well ID: 6709042
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 24745
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/13/1988
Selected Flag: True
Abandonment Rec:
Contractor: 3317
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025
Concession: 08
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6709042.pdf

Additional Detail(s) (Map)

Well Completed Date: 1987/12/10
Year Completed: 1987
Depth (m): 48.1584
Latitude: 43.7932984090353
Longitude: -80.1456862543668
Path: 670\6709042.pdf

Bore Hole Information

Bore Hole ID: 10472915
DP2BR: 0.00
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 10-Dec-1987 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation: 443.740905
Elevrc:
Zone: 17
East83: 568731.30
North83: 4849270.00
Org CS:
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932641852
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932641854
Layer: 3
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 20.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932641853
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932641855
Layer: 4
Color: 6
General Color: BROWN

Mat1: 26
Most Common Material: ROCK
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80.0
Formation End Depth: 158.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966709042
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11021485
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930769806
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 83
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930769807
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 158
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996709042
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 43.0
Recommended Pump Depth:
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:	934341563
Test Type:	Draw Down
Test Duration:	15
Test Level:	43.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934616648
Test Type:	Draw Down
Test Duration:	30
Test Level:	43.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934868976
Test Type:	Draw Down
Test Duration:	45
Test Level:	43.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935137604
Test Type:	Draw Down
Test Duration:	60
Test Level:	43.0
Test Level UOM:	ft

Water Details

Water ID:	933962369
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	155.0
Water Found Depth UOM:	ft

30 ***1 of 1*** ***ESE/246.3*** ***447.2 / -23.72*** ***lot 25 con 7 ON*** ***WWIS***

Well ID:	6707164	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/15/1980
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3317
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP

Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6707164.pdf

Additional Detail(s) (Map)

Well Completed Date:	1979/01/09
Year Completed:	1979
Depth (m):	28.956
Latitude:	43.7892896352456
Longitude:	-80.1478189840237
Path:	670\6707164.pdf

Bore Hole Information

Bore Hole ID:	10471227	**Elevation:**	447.087951
DP2BR:	56.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568564.30
Code OB Desc:	Bedrock	**North83:**	4848823.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	09-Jan-1979 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932634339
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	56.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932634338
Layer:	2
Color:	

General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 14.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932634337
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 05
Mat2 Desc: CLAY
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 0.0
Formation End Depth: 14.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966707164
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11019797
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930766809
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930766810
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To:	95
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996707164
Pump Set At:	
Static Level:	21.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	70.0
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933960274
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

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31 | ***1 of 1*** | ***E/251.5*** | ***440.6 / -30.25*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6700741	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	6/13/1960
Sec. Water Use:	Domestic	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2414
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	08
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700741.pdf

Additional Detail(s) (Map)

Well Completed Date: 1960/05/20

Year Completed:	1960
Depth (m):	25.908
Latitude:	43.7921789909441
Longitude:	-80.1452920284404
Path:	670\6700741.pdf

Bore Hole Information

Bore Hole ID:	10464887	**Elevation:**	440.929016
DP2BR:	66.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568764.30
Code OB Desc:	Bedrock	**North83:**	4849146.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	20-May-1960 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932605906
Layer:	1
Color:	
General Color:	
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	45.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605908
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	66.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605907

Layer:	2
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	66.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966700741
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11013457
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930755544
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	85
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930755543
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	69
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996700741
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	24.0
Recommended Pump Depth:	24.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	8.0

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933952871
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

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32 | ***1 of 1*** | ***ENE/254.6*** | ***444.5 / -26.39*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6708625	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/13/1987
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:	NA	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6708625.pdf

Additional Detail(s) (Map)

Well Completed Date:	1986/08/11
Year Completed:	1986
Depth (m):	23.4696
Latitude:	43.794090565467
Longitude:	-80.1456625388488
Path:	670\6708625.pdf

Bore Hole Information

Bore Hole ID:	10472517	**Elevation:**	445.085601
DP2BR:	65.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568732.30
Code OB Desc:	Bedrock	**North83:**	4849358.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3

Date Completed: 11-Aug-1986 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 10 - 30 m
Location Method: gps

Overburden and Bedrock Materials Interval

Formation ID: 932640160
Layer: 2
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 41.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932640161
Layer: 3
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 28
Mat3 Desc: SAND
Formation Top Depth: 41.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932640162
Layer: 4
Color: 6
General Color: BROWN
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 77.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932640159
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966708625
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11021087
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930769075
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 69
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930769076
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 77
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996708625
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 42.0
Recommended Pump Depth: 65.0
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:	15
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934868356
Test Type:	Draw Down
Test Duration:	45
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935136520
Test Type:	Draw Down
Test Duration:	60
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934615588
Test Type:	Draw Down
Test Duration:	30
Test Level:	42.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934349193
Test Type:	Draw Down
Test Duration:	15
Test Level:	42.0
Test Level UOM:	ft

Water Details

Water ID:	933961884
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.0
Water Found Depth UOM:	ft

33	***1 of 1***	***E/254.8***	***439.5 / -31.41***	***lot 24 con 8 ON***	***WWIS***

Well ID:	6713887	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/11/2001
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	7154

Casing Material:		**Form Version:**	1
Audit No:	235935	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	024
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6713887.pdf

Additional Detail(s) (Map)

Well Completed Date:	2001/10/04
Year Completed:	2001
Depth (m):	28.956
Latitude:	43.791477819979
Longitude:	-80.1454424732557
Path:	671\6713887.pdf

Bore Hole Information

Bore Hole ID:	10523019	**Elevation:**	440.301055
DP2BR:	73.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568753.00
Code OB Desc:	Bedrock	**North83:**	4849068.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	04-Oct-2001 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932854607
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932854608
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	12
Mat2 Desc:	STONES
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	18.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932854606
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932854609
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	73.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933224744
Layer:	1
Plug From:	0
Plug To:	76
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID: 966713887
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11071589
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930778336
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930778335
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996713887
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 35.0
Recommended Pump Depth: 45.0
Pumping Rate: 70.0
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: 3
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935134624
Test Type: Recovery
Test Duration: 60
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934873571
Test Type:	Recovery
Test Duration:	45
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934356194
Test Type:	Recovery
Test Duration:	15
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934621311
Test Type:	Recovery
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

Water Details

Water ID:	934015468
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87.0
Water Found Depth UOM:	ft

Water Details

Water ID:	934015469
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	91.0
Water Found Depth UOM:	ft

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34 ***1 of 1*** ***E/256.6*** ***440.2 / -30.69*** ***118 MAIN ST lot 25 con 7 HILLSBURG ON*** ***WWIS***

Well ID:	7266474	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	7/18/2016
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2576
Casing Material:		***Form Version:***	7
Audit No:	Z227062	***Owner:***	
Tag:	A200648	***Street Name:***	118 MAIN ST
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON

Pump Rate: ***Easting NAD83:***
Static Water Level: ***Northing NAD83:***
Flowing (Y/N): ***Zone:***
Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7266474.pdf

Additional Detail(s) (Map)

Well Completed Date: 2016/04/11
Year Completed: 2016
Depth (m): 23.4696
Latitude: 43.7912087570269
Longitude: -80.1455830294438
Path: 726\7266474.pdf

Bore Hole Information

Bore Hole ID: 1006141903 ***Elevation:*** 439.295928
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 17
Code OB: ***East83:*** 568742.00
Code OB Desc: ***North83:*** 4849038.00
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 4
Date Completed: 11-Apr-2016 00:00:00 ***UTMRC Desc:*** margin of error : 30 m - 100 m
Remarks: ***Location Method:*** wwr
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1006149035
Layer: 7
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 91
Mat3 Desc: WATER-BEARING
Formation Top Depth: 57.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006149029
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006149032
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 26.0
Formation End Depth: 31.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006149030
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 05
Mat2 Desc: CLAY
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 2.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006149034
Layer: 6
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 57.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1006149031

Layer:	3
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	91
Mat3 Desc:	WATER-BEARING
Formation Top Depth:	17.0
Formation End Depth:	26.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006149036
Layer:	8
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	68.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006149037
Layer:	9
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	71
Mat3 Desc:	FRACTURED
Formation Top Depth:	70.0
Formation End Depth:	77.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1006149033
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	31.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1006149050
Layer:	1
Plug From:	0
Plug To:	30
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1006149049
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	D.R

Pipe Information

Pipe ID:	1006149027
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Screen

Screen ID:	1006149045
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

Pump Test ID:	1006149028
Pump Set At:	60.0
Static Level:	21.0
Final Level After Pumping:	42.0
Recommended Pump Depth:	50.0
Pumping Rate:	
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:	0
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1006149046
Test Type:	Recovery
Test Duration:	5

Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1006149047
Test Type:	Draw Down
Test Duration:	20
Test Level:	42.0
Test Level UOM:	ft

Water Details

Water ID:	1006149041
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.0
Water Found Depth UOM:	ft

Water Details

Water ID:	1006149040
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	69.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1006149038
Diameter:	8.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1006149039
Diameter:	6.0
Depth From:	20.0
Depth To:	72.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

35 ***1 of 1*** ***ESE/262.1*** ***437.9 / -33.00*** ***lot 25 con 7 ON*** ***WWIS***

Well ID:	6707861	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/10/1984
Sec. Water Use:	0	***Selected Flag:***	True
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2332
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP

Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6707861.pdf

Additional Detail(s) (Map)

Well Completed Date:	1983/05/12
Year Completed:	1983
Depth (m):	36.576
Latitude:	43.7901806458111
Longitude:	-80.1465634158701
Path:	670\6707861.pdf

Bore Hole Information

Bore Hole ID:	10471862	**Elevation:**	439.213134
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	o	**East83:**	568664.30
Code OB Desc:	Overburden	**North83:**	4848923.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12-May-1983 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932637213
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	73
Mat2 Desc:	HARD
Mat3:	78
Mat3 Desc:	MEDIUM-GRAINED
Formation Top Depth:	56.0
Formation End Depth:	120.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637208
Layer:	1
Color:	8

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

Overburden and Bedrock Materials Interval

Formation ID:	932637210
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	31
Most Common Material:	COARSE GRAVEL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637212
Layer:	5
Color:	
General Color:	
Mat1:	31
Most Common Material:	COARSE GRAVEL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	31.0
Formation End Depth:	56.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637211
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	31.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932637209
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	87
Mat2 Desc:	STONEY
Mat3:	65
Mat3 Desc:	DARK-COLOURED
Formation Top Depth:	2.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966707861
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11020432
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930767910
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	120
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930767909
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996707861
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	35.0

Recommended Pump Depth:	45.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934614424
Test Type:	Recovery
Test Duration:	30
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934867757
Test Type:	Recovery
Test Duration:	45
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935134784
Test Type:	Recovery
Test Duration:	60
Test Level:	8.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934347501
Test Type:	Recovery
Test Duration:	15
Test Level:	9.0
Test Level UOM:	ft

Water Details

Water ID:	933961065
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

36	***1 of 2***	***E/266.4***	***438.7 / -32.22***	***Enbridge Gas Distribution Inc.*** ***119 Trafalgar Rd, Hillsburgh*** ***Erin ON***	***SPL***

Ref No:	7268-B2XTLP	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2018/07/23	***Health/Env Conseq:***	2 - Minor Environment

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

Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	Miscellaneous Communal
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	119 Trafalgar Rd, Hillsburgh
Contaminant Limit 1:		**Site District Office:**	Guelph
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	West Central
Environment Impact:		**Site Municipality:**	Erin
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2018/07/23	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	Pipeline/Components
Site Name:	Residential<UNOFFICIAL>		
Site County/District:	County of Wellington		
Site Geo Ref Meth:			
Incident Summary:	TSSA FSB: 1/2" plastic IP gas service damage, made safe		
Contaminant Qty:	0 other - see incident description		

36	2 of 2	E/266.4	438.7 / -32.22	PIPELINE HIT 1/2" 119 TRAFALGAR RD N,,ERIN,ON,N0B 1T0,CA ON	PINC

Incident ID:		**Pipe Material:**	
Incident No:	2355516	**Fuel Category:**	
Incident Reported Dt:	7/24/2018	**Health Impact:**	
Type:	FS-Pipeline Incident	**Environment Impact:**	
Status Code:		**Property Damage:**	
Tank Status:	Pipeline Damage Reason Est	**Service Interrupt:**	
Task No:		**Enforce Policy:**	
Spills Action Centre:		**Public Relation:**	
Fuel Type:		**Pipeline System:**	
Fuel Occurrence Tp:		**PSIG:**	
Date of Occurrence:		**Attribute Category:**	
Occurrence Start Dt:		**Regulator Location:**	
Depth:		**Method Details:**	
Customer Acct Name:	PIPELINE HIT 1/2"		
Incident Address:	119 TRAFALGAR RD N,,ERIN,ON,N0B 1T0,CA		
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:			
Reported By:			
Affiliation:			
Occurrence Desc:			
Damage Reason:			
Notes:			

37	1 of 1	ESE/275.8	445.2 / -25.69	lot 25 con 7 ON	WWIS

Well ID:	6703896	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/16/1971
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	2406

Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	WELLINGTON
Elevation (m):		***Municipality:***	ERIN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
Well Depth:		***Concession:***	07
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6703896.pdf

Additional Detail(s) (Map)

Well Completed Date:	1971/04/01
Year Completed:	1971
Depth (m):	50.292
Latitude:	43.7883039537429
Longitude:	-80.1484544234449
Path:	670\6703896.pdf

Bore Hole Information

Bore Hole ID:	10468025	***Elevation:***	444.459289
DP2BR:	74.00	***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	r	***East83:***	568514.30
Code OB Desc:	Bedrock	***North83:***	4848713.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	01-Apr-1971 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932619844
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932619846
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932619847
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	74.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932619848
Layer:	5
Color:	2
General Color:	GREY
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	74.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932619849
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 92.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932619845
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 966703896
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11016595
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930761467
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 97
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 996703896
Pump Set At:
Static Level: 28.0
Final Level After Pumping: 31.0
Recommended Pump Depth: 50.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	15
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934346806
Test Type:	Recovery
Test Duration:	15
Test Level:	28.0
Test Level UOM:	ft

Water Details

Water ID:	933956409
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	158.0
Water Found Depth UOM:	ft

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38 | ***1 of 1*** | ***ENE/276.2*** | ***447.0 / -23.84*** | ***lot 26 con 8 ON*** | ***WWIS***

Well ID:	6708360	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/21/1986
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	026
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6708360.pdf

Additional Detail(s) (Map)

Well Completed Date:	1985/12/18
Year Completed:	1985
Depth (m):	33.528
Latitude:	43.7948934897528
Longitude:	-80.145874840125
Path:	670\6708360.pdf

Bore Hole Information

Bore Hole ID:	10472268	**Elevation:**	447.104888
DP2BR:	72.00	**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:	r	**East83:**	568714.30
Code OB Desc:	Bedrock	**North83:**	4849447.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	18-Dec-1985 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932638956
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	72.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638954
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	45.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932638955
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966708360
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11020838
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930768624
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	76
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930768625
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	110
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996708360
Pump Set At:	
Static Level:	47.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	
Pumping Rate:	9.0
Flowing Rate:	
Recommended Pump Rate:	9.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935135906
Test Type:	Draw Down
Test Duration:	60
Test Level:	6.0
Test Level UOM:	ft

Water Details

Water ID:	933961577
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98.0
Water Found Depth UOM:	ft

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39 | ***1 of 1*** | ***ESE/277.5*** | ***443.8 / -27.05*** | ***lot 25 con 7 ON*** | ***WWIS***

Well ID:	6706900	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/18/1979
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	07
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6706900.pdf

Additional Detail(s) (Map)

Well Completed Date:	1978/04/29
Year Completed:	1978
Depth (m):	60.0456
Latitude:	43.7888394929568
Longitude:	-80.1478253799588
Path:	670\6706900.pdf

Bore Hole Information

Bore Hole ID:	10470970	**Elevation:**	444.911437
DP2BR:	76.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	v	**East83:**	568564.30
Code OB Desc:	Overburden below Bedrock	**North83:**	4848773.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	29-Apr-1978 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 932633068
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 45.0
Formation End Depth: 76.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932633069
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 76.0
Formation End Depth: 140.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932633067
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 45.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932633071
Layer: 6

Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	150.0
Formation End Depth:	197.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932633066
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932633070
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	65
Mat2 Desc:	DARK-COLOURED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	140.0
Formation End Depth:	150.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966706900
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11019540
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930766360
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	80
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930766361
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	197
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996706900
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	60.0
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:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933959959
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	190.0
Water Found Depth UOM:	ft

40	***1 of 1***	***E/283.7***	***438.8 / -32.05***	***114 MAIN ST. HILLSBURGH ON***	***WWIS***

Well ID:	7197600	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	2/20/2013
Sec. Water Use:		***Selected Flag:***	True
Final Well Status:	Abandoned-Other	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	7146
Casing Material:		***Form Version:***	7
Audit No:	Z156724	***Owner:***	

Tag:		**Street Name:**	114 MAIN ST.
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7197600.pdf

Additional Detail(s) (Map)

Well Completed Date:	2012/12/20
Year Completed:	2012
Depth (m):	
Latitude:	43.7909462808807
Longitude:	-80.1454003304248
Path:	719\7197600.pdf

Bore Hole Information

Bore Hole ID:	1004256246	**Elevation:**	438.032043
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	568757.00
Code OB Desc:		**North83:**	4849009.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	20-Dec-2012 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1004843034
Layer:	4
Plug From:	6
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004843030
Layer:	1
Plug From:	0
Plug To:	27
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004843032
Layer: 2
Plug From: 25
Plug To: 7
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004843033
Layer: 3
Plug From: 7
Plug To: 6
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004843031
Layer: 1
Plug From: 27
Plug To: 25
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1004843029
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1004843023
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004843027
Layer: 1
Material:
Open Hole or Material:
Depth From: 0
Depth To: 27
Casing Diameter: 30
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004843028
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft

Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1004843026
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004843025
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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41 | **1 of 1** | **SE/295.3** | **440.5 / -30.35** | **31 GEORGE STREET HILLSBURGH ON** | **HINC**

External File Num: FS INC 0809-04863
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 9/2/2008
Fuel Type Involved: Natural Gas
Status Desc: Completed - No Action Required
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause:
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Wellington
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

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42 | **1 of 1** | **E/297.8** | **437.9 / -32.97** | **lot 25 con 8 ON** | **WWIS**

Well ID: 6700742
Construction Date:
Primary Water Use: Public
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 4/4/1961
Selected Flag: True
Abandonment Rec:
Contractor: 2414
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: ERIN TOWNSHIP
Site Info:
Lot: 025

Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700742.pdf

Additional Detail(s) (Map)

Well Completed Date:	1961/03/21
Year Completed:	1961
Depth (m):	29.8704
Latitude:	43.7915723610362
Longitude:	-80.1448407877835
Path:	670\6700742.pdf

Bore Hole Information

Bore Hole ID:	10464888	**Elevation:**	438.652923
DP2BR:	70.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568801.30
Code OB Desc:	Bedrock	**North83:**	4849079.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	21-Mar-1961 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932605912
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	98.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605911
Layer:	3
Color:	
General Color:	
Mat1:	13

Most Common Material:	BOULDERS
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605910
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932605909
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966700742
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11013458
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930755546
Layer:	2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	98
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930755545
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	71
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996700742
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	40.0
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

Water Details

Water ID:	933952872
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97.0
Water Found Depth UOM:	ft

---

43 | ***1 of 1*** | ***E/299.7*** | ***440.9 / -30.00*** | ***lot 25 con 8 ON*** | ***WWIS***

Well ID:	6709157	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/28/1988
Sec. Water Use:	0	**Selected Flag:**	True
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3317
Casing Material:		**Form Version:**	1
Audit No:	24744	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	WELLINGTON
Elevation (m):		**Municipality:**	ERIN TOWNSHIP

Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	025
Well Depth:		**Concession:**	08
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6709157.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/12/09
Year Completed:	1987
Depth (m):	30.1752
Latitude:	43.7936083962236
Longitude:	-80.1449981998661
Path:	670\6709157.pdf

Bore Hole Information

Bore Hole ID:	10473027	**Elevation:**	441.169708
DP2BR:	60.00	**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:	r	**East83:**	568786.30
Code OB Desc:	Bedrock	**North83:**	4849305.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	09-Dec-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932642362
Layer:	3
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	63.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932642360
Layer:	1
Color:	6

General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932642361
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	28
Mat3 Desc:	SAND
Formation Top Depth:	40.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932642363
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	63.0
Formation End Depth:	99.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	966709157
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11021597
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930770009
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	99
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930770008
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	65
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	996709157
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	65.0
Recommended Pump Depth:	95.0
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:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934617150
Test Type:	Draw Down
Test Duration:	30
Test Level:	65.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935137672
Test Type:	Draw Down
Test Duration:	60
Test Level:	65.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934869463
Test Type:	Draw Down
Test Duration:	45

Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934342086
Test Type: Draw Down
Test Duration: 15
Test Level: 65.0
Test Level UOM: ft

Water Details

Water ID: 933962504
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85.0
Water Found Depth UOM: ft

Unplottable Summary

Total: 25 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Corporation of the Township of Centre Wellington	Hill Street West	Centre Wellington ON	
CA	The Corporation of the Township of Centre Wellington	Hill St W Fergus	Centre Wellington ON	
CA	The Corporation of the Township of Centre Wellington	Church Street St Elora	Centre Wellington ON	
CA		London Road/Race Track/Church Street/Fairgrounds	Centre Wellington ON	
CA	ARCH CONSTRUCTION (1967) LTD.	BARKER ST.	ERIN TWP. ON	
CA	ARCH CONSTRUCTION (1967) LTD.	BARKER ST. ORANGEVILLE ST.	ERIN TWP. ON	
CA	J.A.J. DEVELOPMENTS LTD.	HILL ST. HILLSBURGH HEIGHTS	ERIN TWP. ON	
CA	J.A.J. DEVELOPMENTS LTD.	E. HILL ST. HILLSBURGH HEIGHTS	ERIN TWP. ON	
CONV	Linda Castelino o/a Hillsburgh Rest Home	Trafalgar Road Hillsburgh	Township of Erin ON	
GEN	GREENING DONALD CO LTD	HIGHWAY 24 NORTH	ERIN ON	N0B 1T0
INC		Mill Street, Hillsburgh	ON	
LIMO	Harriston Landfill County of Wellington Town of Minto	Part of Lot 26 Concession 7; 5668 Highway 23 Wellington	ON	
PES	CAVAN'S GARDEN CENTER	R. R. #2, HWY. 24	ERIN ON	N0B1T0
PES	CAVAN'S GARDEN CENTER	R. R. #2, HWY. 24	ERIN ON	N0B 1T0
SPL	UNKNOWN	HWY 24 & 25	ERIN ON	
SPL		Elora MILL ST PUMP STATION<UNOFFICIAL>	Centre Wellington ON	
SPL	KD Farm Services<UNOFFICIAL>	Wellington Rd 24, 2-3 km South of Cty Rd 124, Erin Twp	Erin ON	

SPL	TRANSPORT TRUCK	BRISBANE (HWY 24 AT 25), 2 MILES FROM ERIN MOTOR VEHICLE (OPERATING FLUID)	WELLINGTON COUNTY ON	
SPL	MTO	MTO PATROL YARD ON HWY #24, APPROX 3 MILES SOUTH OF ERIN TOWN FUEL STORAGE TANK	ERIN TOWN ON	
SPL		Trafalgar Road and Erin-Gararfraxa Townline	Erin ON	
SPL		Trafalgar Rd	Erin ON	
SPL	UNKNOWN	1.5KM SOUTH OF COUNTY RD 124 ON COUNTY ROAD 24, TWN OF ERIN	WELLINGTON COUNTY ON	
SPL	FARM	COUNTY RD #27 BETWEEN ROCKWOOD AND HIGHWAY 24. TRACTOR	WELLINGTON COUNTY ON	
SPL	Enbridge Gas Distribution Inc.	Mill Street, Hillsburgh	Erin ON	
SPL	XCG Consultants Ltd.	Fire # 8115 Wellington Rd 24, Eramosa	Erin ON	N1H 6H7

Unplottable Report

Site: ***The Corporation of the Township of Centre Wellington***
Hill Street West Centre Wellington ON

Database: ***CA***

Certificate #: 3406-6RKS53
Application Year: 2006
Issue Date: 7/24/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the Township of Centre Wellington***
Hill St W Fergus Centre Wellington ON

Database: ***CA***

Certificate #: 7150-8HKQVD
Application Year: 2011
Issue Date: 6/9/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***The Corporation of the Township of Centre Wellington***
Church Street St Elora Centre Wellington ON

Database: ***CA***

Certificate #: 1523-7UFJRJ
Application Year: 2009
Issue Date: 8/6/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
London Road/Race Track/Church Street/Fairgrounds Centre Wellington ON

Database: ***CA***

Certificate #: 8517-4QVTE4

Application Year: 00
Issue Date: 11/9/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Township of Wellington North
Client Address: 7490 Sideroad 7
Client City: Kenilworth
Client Postal Code: N0G 2E0
Project Description: This is an application for Municipal and Private Sewage Works Certificate of Approval to construct storm sewers
Contaminants:
Emission Control:

Site: ***ARCH CONSTRUCTION (1967) LTD.***
BARKER ST. ERIN TWP. ON

Database: ***CA***

Certificate #: 7-1284-89-
Application Year: 89
Issue Date: 12/4/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***ARCH CONSTRUCTION (1967) LTD.***
BARKER ST. ORANGEVILLE ST. ERIN TWP. ON

Database: ***CA***

Certificate #: 7-1332-89-
Application Year: 89
Issue Date: 8/10/1989
Approval Type: Municipal water
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***J.A.J. DEVELOPMENTS LTD.***
HILL ST. HILLSBURGH HEIGHTS ERIN TWP. ON

Database: ***CA***

Certificate #: 7-0662-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***J.A.J. DEVELOPMENTS LTD.***
E. HILL ST. HILLSBURGH HEIGHTS ERIN TWP. ON

Database: ***CA***

Certificate #: 3-0764-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Linda Castelino o/a Hillsburgh Rest Home***
Trafalgar Road Hillsburgh Township of Erin ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location: Guelph
Publication City:
Publication Title: Business Owner fined $26,000 for Safe Drinking Water Act (SDWA) Violations
Act: Safe Drinking Water Act (SDWA)
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Location:
Region:
Ministry District:
Penalty Imposed: Linda Castelino was convicted of eight offences under the Safe Drinking Water Act (SDWA) and was fined a total of $26,000 plus a Victim Fine Surcharge (VFS) of $6,500. The defendant was given one year to pay all fines.
Description: The convictions relate to failing to comply with a ministry order to ensure that a trained person or a certified operator was retained to operate the company's drinking water system, submitting false or misleading information to a Provincial Officer, and failing to ensure that water samples were taken as required by regulation.
Background: Linda Castelino owns and operates a nursing care home for seniors located on Trafalgar Road Hillsburgh in the Township of Erin.

Linda Castelino operates the company as a sole proprietorship business.

The company is open year-round, has a drinking water system registered with the ministry and operates a well supply that provides water to its residents.

On April 2, 2015, a Provincial Officer's Order was issued to Ms. Castelino requiring her to ensure that a trained person or a certified operator was retained to operate the company's drinking water system or that she herself successfully complete the "operation of a small drinking water systems" course to become a trained person.

Ms. Castelino did not comply with the order.

The matter was referred to the ministry's Investigations and Enforcement Branch and following an investigation charges were laid resulting in eight convictions.
URL: https://news.ontario.ca/ene/en/2018/06/business-owner-fined-26000-for-safe-drinking-water-act-sdwa-violations.html

Additional Details

Publication Date: June 8, 2018 11:40 A.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence: During the period beginning on or about May 16, 2015 and ending on or about May 26, 2016
Date of Conviction: May 31, 2018

Date Charged:
Charge Disposition:
Fine: $26,000
Synopsis:

Site: ***GREENING DONALD CO LTD***
HIGHWAY 24 NORTH ERIN ON N0B 1T0

Database: ***GEN***

Generator No: ON0091000
Status:
Approval Years: 86,87,88,89
Contam. Facility:
MHSW Facility:
SIC Code: 3052
SIC Description: WIRE & WIRE ROPE

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

Detail(s)

Waste Class: 132
Waste Class Desc: NEUTRALIZED WASTES - OTHER METALS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

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

Waste Class: 113
Waste Class Desc: ACID WASTE - OTHER METALS

Site:
Mill Street, Hillsburgh ON

Database: ***INC***

Incident No: 370606
Incident ID: 2522178
Instance No:
Status Code: Causal Analysis Complete
Attribute Category: FS-Perform L1 Incident Insp
Context:
Date of Occurrence: 2010/04/19 00:00:00
Time of Occurrence: 16:00:00
Incident Created On:
Instance Creation Dt:
Instance Install Dt:
Occur Insp Start Date: 2010/04/20 00:00:00
Approx Quant Rel:
Tank Capacity:
Fuels Occur Type: Vapour Release
Fuel Type Involved: Natural Gas
Enforcement Policy: NULL
Prc Escalation Req: NULL
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Cap:
Task No: 2854148
Notes:
Drainage System:
Sub Surface Contam.:
Aff Prop Use Water:
Contam. Migrated:
Contact Natural Env:
Incident Location: Mill Street, Hillsburgh - 2" Pipeline Hit
Occurence Narrative: Damaged 2"gas line, 267 services out.

Any Health Impact: No
Any Enviro Impact: No
Service Interrupted: Yes
Was Prop Damaged: No
Reside App. Type:
Commer App. Type:
Indus App. Type:
Institut App. Type:
Venting Type:
Vent Conn Mater:
Vent Chimney Mater:
Pipeline Type: Main Distribution Pipeline
Pipeline Involved:
Pipe Material: Plastic
Depth Ground Cover: 2
Regulator Location:
Regulator Type:
Operation Pressure:
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Liquid Prop Notes:
Equipment Type:
Equipment Model:
Serial No:
Cylinder Capacity:
Cylinder Cap Units:
Cylinder Mat Type:
Near Body of Water:

Operation Type Involved: Construction Site (pipeline strike)
Item:
Item Description:
Device Installed Location:

Site: ***Harriston Landfill County of Wellington Town of Minto***
Part of Lot 26 Concession 7; 5668 Highway 23 Wellington ON

Database: ***LIMO***

ECA/Instrument No: A171801
Oper Status 2016: Open
C of A Issue Date:
C of A Issued to:
Lndfl Gas Mgmt (P):
Lndfl Gas Mgmt (F):
Lndfl Gas Mgmt (E):
Lndfl Gas Mgmt Sys:
Landfill Gas Mntr:
Leachate Coll Sys:
ERC Est Vol (m3):
ERC Volume Unit:
ERC Dt Last Det:
Landfill Type:
Source File Type:
Fill Rate:
Fill Rate Unit:
Tot Fill Area (ha):
Tot Site Area (ha):
Footprint:
Tot Apprv Cap (m3):
Contam Atten Zone:
Grndwtr Mntr:
Surf Wtr Mntr:
Air Emis Monitor:
Approved Waste Type:
Client Site Name:
ERC Methodology:
Site Name: Harriston Landfill
County of Wellington
Town of Minto
Site Location Details:
Service Area:
Page URL:

Natural Attenuation:
Liners:
Cover Material:
Leachate Off-Site:
Leachate On Site:
Req Coll Lndfll Gas:
Lndfll Gas Coll:
Total Waste Rec:
TWR Methodology:
TWR Unit:
Tot Aprv Cap Unit:
Financial Assurance:
Last Report Year:
MOE Region:
MOE District:
Site County:
Lot:
Concession:
Latitude:
Longitude:
Easting:
Northing:
UTM Zone:
Data Source:

Site: ***CAVAN'S GARDEN CENTER***
R. R. #2, HWY. 24 ERIN ON N0B1T0

Database: ***PES***

Detail Licence No:
Licence No: 01827
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Retail Vendor Class 01
Licence Type Code: 21
Licence Class: 01
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF Link:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 519
Oper Phone No: 8332117
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: ***CAVAN'S GARDEN CENTER***
R. R. #2, HWY. 24 ERIN ON N0B 1T0

Database: ***PES***

Detail Licence No:	22-01-01827-0	***Operator Box:***	
Licence No:	01827	***Operator Class:***	
Status:		***Operator No:***	
Approval Date:		***Operator Type:***	
Report Source:		***Oper Area Code:***	
Licence Type:	General Vendor	***Oper Phone No:***	
Licence Type Code:	22	***Operator Ext:***	
Licence Class:	01	***Operator Lot:***	
Licence Control:	0	***Oper Concession:***	
Latitude:		***Operator Region:***	2
Longitude:		***Operator District:***	2
Lot:		***Operator County:***	17
Concession:		***Op Municipality:***	
Region:	2	***Post Office Box:***	
District:	2	***MOE District:***	
County:	17	***SWP Area Name:***	
Trade Name:			
PDF Link:			

Site: ***UNKNOWN***
HWY 24 & 25 ERIN ON

Database: ***SPL***

Ref No:	183879	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/21/2000	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	75405
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	7/21/2000	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN RED/ORANGE POWDER DISCHARGED INTO GRAVEL PIT		
Contaminant Qty:			

Site:
Elora MILL ST PUMP STATION<UNOFFICIAL> Centre Wellington ON

Database: ***SPL***

Ref No:	1030-6QX5BF	***Discharger Report:***	
Site No:		***Material Group:***	Wastes
Incident Dt:	6/19/2006	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	Other Plant - Sewage Municipal
Incident Event:		***Agency Involved:***	
Contaminant Code:	44	***Nearest Watercourse:***	
Contaminant Name:	SEWAGE,RAW UNCHLORINATED	***Site Address:***	ELORA
Contaminant Limit 1:		***Site District Office:***	Guelph
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	

Environment Impact:	Possible	***Site Municipality:***	Centre Wellington
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	Water	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/19/2006	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	Power Interruption - Loss of electrical power	***Source Type:***	
Site Name:	ELORA		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BP: Fergus, Mill St Lift Station- 500 gal raw unch. to Grand		
Contaminant Qty:	2270 L		

Site: ***KD Farm Services<UNOFFICIAL>***
Wellington Rd 24, 2-3 km South of Cty Rd 124, Erin Twp Erin ON

Database: ***SPL***

Ref No:	1478-7EVDYF	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Other Transport Accident	***Sector Type:***	Transport Truck
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Guelph
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	Erin
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/22/2008	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Watercourse Spills
Incident Reason:		***Source Type:***	
Site Name:	Ditch<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	KD Farm Services - 400-800 L diesel to ditch		
Contaminant Qty:	800 L		

Site: ***TRANSPORT TRUCK***
BRISBANE (HWY 24 AT 25), 2 MILES FROM ERIN MOTOR VEHICLE (OPERATING FLUID) WELLINGTON COUNTY ON

Database: ***SPL***

Ref No:	24657	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/1/1989	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	75000
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/1/1989	***Site Map Datum:***	

Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ADVERSE ROAD CONDITION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TRUCK- SMALL QUANTITY OF DIESEL TO ROAD.		
Contaminant Qty:			

Site: ***MTO***
MTO PATROL YARD ON HWY #24, APPROX 3 MILES SOUTH OF ERIN TOWN FUEL STORAGE TANK ERIN TOWN ON

Database: ***SPL***

Ref No:	65658	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/30/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	75405
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MTO, MCCR.
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/31/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MTO - 180L GASOLINE TO ASPHALT FROM DISPENSING NOZZLE AT MTO PATROL YARD		
Contaminant Qty:			

Site:
Trafalgar Road and Erin-Gararfraxa Townline Erin ON

Database: ***SPL***

Ref No:	5651-A8KRRG	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2016/03/31	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:		***Sector Type:***	Miscellaneous Communal
Incident Event:	Leak/Break	***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	Trafalgar Road and Erin-Gararfraxa Townline
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:		***Site Municipality:***	Erin
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land	***Northing:***	
MOE Response:	No	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2016/03/31	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Highway Spills (usually highway accidents)
Incident Reason:	Operator/Human Error	***Source Type:***	
Site Name:	Trafalgar Road and Erin-Garafraxa Townline<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Transport Trailer Accident, Saddlebag Spill		
Contaminant Qty:	40 L		

Site: ***Database:***
Trafalgar Rd Erin ON ***SPL***

Ref No:	0772-9E8UYB	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2013/12/09	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Collision/Accident	***Sector Type:***	Truck - Transport/Hauling
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	Trafalgar Rd
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	Erin
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Deferred Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2013/12/09	***Site Map Datum:***	
Dt Document Closed:	2014/01/30	***SAC Action Class:***	Highway Spills (usually highway accidents)
Incident Reason:	Road Conditions	***Source Type:***	
Site Name:	TT MVA<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TT MVA Trafalgar Rd dsl to road, ctd 300 L		
Contaminant Qty:	300 L		

Site: ***UNKNOWN*** ***Database:***
1.5KM SOUTH OF COUNTY RD 124 ON COUNTY ROAD 24, TWN OF ERIN WELLINGTON COUNTY ON ***SPL***

Ref No:	214542	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/24/2001	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	COUNTY OF WELLINGTON, ERIN FD
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Possible	***Site Municipality:***	75000
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	Land	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/24/2001	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN, TRUCK ACCIDENT, 800L DIESEL TO DRY DITCH, FD/COUNTY ATTENDING		
Contaminant Qty:			

Site: ***FARM*** ***Database:***
COUNTY RD #27 BETWEEN ROCKWOOD AND HIGHWAY 24. TRACTOR WELLINGTON COUNTY ON ***SPL***

Ref No:	226965	***Discharger Report:***	
Site No:		***Material Group:***	

Incident Dt:	6/1/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	75000
Nature of Impact:	Multi Media Pollution	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/1/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: SPILL OF DIESEL FUEL TO ROADSIDE SHOULDER CLEANING.		
Contaminant Qty:			

Site: ***Enbridge Gas Distribution Inc.***
Mill Street, Hillsburgh Erin ON

Database: ***SPL***

Ref No:	5511-84P26W	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge or Emission to Air	***Sector Type:***	Pipeline
Incident Event:		***Agency Involved:***	
Contaminant Code:	35	***Nearest Watercourse:***	
Contaminant Name:	NATURAL GAS (METHANE)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Not Anticipated	***Site Municipality:***	
Nature of Impact:	Air Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Not MOE mandate	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/19/2010	***Site Map Datum:***	
Dt Document Closed:	5/6/2010	***SAC Action Class:***	TSSA - Fuel Safety Branch
Incident Reason:	Error- Operator error	***Source Type:***	
Site Name:	2-inch main damage<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: 2-inch main damage, Mill St. Hillsburgh		
Contaminant Qty:	0 other - see incident description		

Site: ***XCG Consultants Ltd.***
Fire # 8115 Wellington Rd 24, Eramosa Erin ON N1H 6H7

Database: ***SPL***

Ref No:	3376-7MFJKW	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Tank (Above Ground) Leak	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	FURNACE OIL	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Guelph
Contam Limit Freq 1:		***Site Postal Code:***	

Contaminant UN No 1:
Environment Impact: Possible
Nature of Impact: Soil Contamination; Surface Water Pollution
Receiving Medium:
Receiving Env:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 12/18/2008
Dt Document Closed:
Incident Reason:
Site Name: Private Residence<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA: 300L furnace oil leak to sump
Contaminant Qty: 300 L

Site Region:
Site Municipality: Erin
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch
Source Type:

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994- Jun 30, 2021

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: May 31, 2021

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994- Jun 30, 2021

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Jun 30, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Jun 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Apr 30, 2021

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Apr 30, 2021

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Jun 30, 2021

Pipeline Incidents: Provincial PINC

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

Government Publication Date: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994- Jun 30, 2021

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Jun 2021

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2018

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Jun 30, 2021

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix G:
Site Reconnaissance Photographs

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 1
Northeast View

View of the driveway towards Trafalgar Road.

Photograph 2
Southwest View

View of the front of a house on the Phase I Property from the driveway.

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 3
Southeast View

View of the agricultural field in front of the property, closest to Trafalgar Road.

Photograph 4
Southwest View

View of the front of a house on the Phase I Property.

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photographs 5, 6 & 7

View of the wells and propane tank on the property.

Photograph 8

View of tires stacked on site.

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 9 Southeast view View of the side of the house.	
Photograph 10 North View View of the side of the house.	

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photographs 11 View of the side of barn 1.	
Photograph 12 View of the back of barn 1 and side of barn 2.	

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 13 View of the front of Barn 1 and Silo on Barn 2.	
Photographs 14 View of the front of Barn 2 and garbage bin.	

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 15 View of the side of Barn 2 and truck parked on site.	
Photographs 16 View of front of Barn 3 and boat.	

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 17

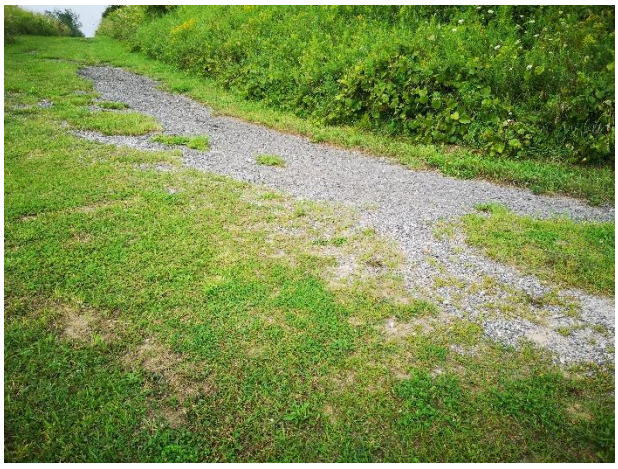
View of the side of Barn 3 and trailer parking on site.

Photographs 18

View of the side of Barn 3 and water barrels.

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 19 View of farm fields towards the back of the property.	 
Photographs 20 View of the trail to the back of the property with fill material on it.	

SITE PHOTOGRAPHS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
5196 Trafalgar Road North, Town of Erin, Ontario
Project Number: 2100428EE

Photograph 21 View of fill material on site.	
Photographs 22 View of brick pile on site.