Phase One Environmental Site Assessment

Proposed Residential Development, 9380 Burwash Road, Baltimore, Ontario

Stalwood Homes

19 July 2024

→ The Power of Commitment

Executive Summary

A Phase One Environmental Site Assessment (ESA) was completed by GHD Limited (GHD) for Stalwood Homes ("the Client") for lands located at 9380 Burwash Road, in Hamilton Township, Northumberland County, Ontario in the community of Baltimore, Ontario ("the Property"). The Property encompasses an area of 31.6 hectares (78 acres) and supports agricultural lands, a private residence, one (1) barn, and one (1) silo. The surrounding area is municipally serviced for drinking water and privately serviced with septic systems. Based on aerial photographs, the Property was developed with the residence and barn by 1929. The Property has historically been used for agricultural purposes and is proposed for residential development.

The Phase One ESA has been prepared to provide the Client with a professional opinion for areas of potential environmental concern. GHD understands this Phase One ESA has been requested in support of residential development.

The Phase One ESA was prepared under the supervision of a Qualified Person, as defined by the Environmental Protection Act, using Ontario Regulation (O. Reg.) 153/04 (as periodically amended), Schedule D for Phase One Environmental Site Assessments under Part XV.1 of the Act.

Based upon observations made during the site reconnaissance including the surrounding land uses and review of the historical documentation, potentially contaminating activities (PCAs) were identified and the Site and within the Phase One Study Area (i.e. within 250 m). PCAs identified related to the following:

1. Gasoline and Associated Products Storage in Fixed Tanks (PCA#28). This PCA is identified for an existing heating oil above ground storage tank (AST) located in the basement of the residence building. Fill and vent pipes were observed at the residence. The AST is positioned on a concrete floor. There have been no reported spills or leaks, and no evidence of contamination in the area of the fill and vent pipes. There were no historical records in the information reviewed by GHD indicating a spill or any issues with the heating oil tank. In our opinion, this PCA is not considered to result in an area of potential environmental concern (APEC).
2. Gasoline and Associated Products Storage in Fixed Tanks (PCA#28). This PCA is identified for a spill at 9320 Burwash Road (Baltimore Elementary School). ERIS spill records identified the discovery of soil contamination in this area in 2004. This area is inferred to be downgradient and is separated from the Property by residential lots. In addition, the school is listed as a waste generator for laboratory chemicals. It is inferred that small quantities of chemicals would be used/stored at the school and eventually disposed of in an appropriate manner.
3. Gasoline and Associated Products Storage in Fixed Tanks (PCA #28). This PCA is identified for a small engine repair business at Lime Kiln Trail, north of the Property. No ERIS records were found for this property. This area is located on the fringe of the Phase One Study Area, is inferred to be downgradient and is separated from the Property by forested land.
4. Gasoline and Associated Products Storage in Fixed Tanks (PCA #28). This PCA is identified for a freight trucking business at 2896 Harwood Road. This area is located on the fringe of the Phase One Study Area, is inferred to be downgradient and is separated from the Property by forested land.

It is GHD's opinion that the PCAs identified do not result in APECs on the Property and that the Property is suitable for the proposed residential use from an environmental assessment perspective. No further environmental investigation is required at this time.

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1. Introduction

1.1 Phase One Property Information

A Phase One Environmental Site Assessment (ESA) was completed by GHD Limited (GHD) for Stalwood Homes ("the Client") for lands located at 9380 Burwash Road in Baltimore, Ontario ("the Property"). The Property encompasses an area of 31.6 hectares (78 acres) and supports agricultural lands, a private residence, one (1) barn, and one (1) small silo. The surrounding area is municipally serviced for water and privately serviced with septic systems. Based on aerial photographs, the Property was developed with the residence and barn by 1929. The Property has historically been used for residential and agricultural purposes and is proposed for residential development.

The location of the Property is illustrated on the **Site Location Plan, Figure 1**. A more detailed depiction of the Property with respect to surrounding roads and watercourses is illustrated on the **Phase One Study Area, Figure 2**. The **Phase One Conceptual Site Model (CSM)** showing the Property and Phase One Study Area (surrounding lands within 250 meters [m]) and potentially contaminating activities (PCAs) is provided as **Figure 3**. The Property, PCAs and surrounding areas are discussed in detail in the following sections.

The Phase One ESA has been prepared to provide the Client with a professional opinion for areas of potential environmental concern. GHD understands this Phase One ESA is being conducted in support of residential development.

2. Scope of Investigation

The Phase One ESA was supervised by a Qualified Person, as defined by the Environmental Protection Act, using Ontario Regulation (O. Reg.) 153/04 (as periodically amended), Schedule D for Phase One Environmental Site Assessments under Part XV.1 of the Act.

The purpose of the Phase One ESA was to identify and document the current and historical conditions that indicate if further investigation may be necessary to evaluate the potential environmental liabilities. To achieve the purpose, the scope of work for this ESA included the following elements:

1. Compiled and reviewed available background information relating to past land use. Sources of information included mapping, plans, reports, aerial photography, and land registry records.
2. Reviewed information available through the Environmental Risk Information Service (ERIS). An ERIS report provides information associated with the Property through a comprehensive search of federal, provincial, and private source data.
3. Carried out an inventory request of the Ministry of the Environment, Conservation and Parks (MECP) and Technical Standards and Safety Authority (TSSA) files to search for prior reported issues on the Property including incidents such as spills.
4. Conducted a walkover inspection to evaluate ground surface features and nearby land use.
5. Conducted an interview with the Property owner.
6. Analyzed data obtained from the assessment and presented the findings in this written report with appropriate conclusions and recommendations. The conclusions presented in this report are professional opinions based on the data described herein.

3. Records Review

3.1 General

A historical records review was completed of readily available records which included a request of the following:

– ERIS report;
– Freedom of Information (FOI) request submitted to the MECP;
– TSSA database;
– Fire Insurance Plans (FIPs);
– Historical aerial photography;
– Chain of Title search based on the legal description; and
– Other environmental and historical reports.

The historical records reviewed are provided in **Appendix A**.

3.1.1 Phase One Study Area Determination

The requirements for the Phase One Study Area, under O. Reg. 153/04, are to obtain and review records to evaluate potential environmental issues that may exist and to interpret any PCAs that may result in areas of potential environmental concerns (APECs) at the Property. Lands within 250 m (i.e., the Phase One Study Area), as shown on the **CSM, Figure 3**, were reviewed and evaluated. In our opinion, no PCAs were identified greater than 250 m that should be included in the CSM or warrant additional environmental evaluation. The general land use of neighbouring lots at the time of the site reconnaissance were as follows:

North: Treed land, small engine repair business in a residential lot, other residential lots;

East: Agricultural, treed land, communication tower, and residential lots;

South: Burwash Road and residential lots; and,

West: Residential lots, Overtook Heights road, Baltimore Public School, Baltimore United Church, and County Road 45.

3.1.2 First Developed Use Determination

Based on aerial photographs, the Property was developed with a residence and barn by 1929. Based on the interview, the Property has been used for agricultural use for over 100 years.

3.1.3 Chain of Title

The following information was obtained from the Ontario Land Registry and from the Client. The Property is geographically denoted as PT LT 7 CON 3 HAMILTON Pt 1, 3, 4, 39R979 S/T HN16524; HAMILTON; SUBJECT TO AN EASEMENT IN GROSS OVER PT 1 39R12803 AS IN ND89955 with Property Identification Number (PIN) 51110-0179 (LT). The Property has been owned by Robe Developments Inc. since December 2023. There are no environmental issues based upon the chain of title information. Chain of title information is provided in the following table:

Table 1 Chain of Title – PIN# 51061-0001 (LT)

Owner	Years of Ownership
Robe Developments Inc.	December 2023 – Present
John Beck	1978 – December 2023
Margaret Nicholl, Mary Keyser, William Harding, Willam Murray, Exc. Est. Of Wiilliam Harding	Prior to 1978
Name and dates are estimated based on available Land Title Information	

3.1.4 Zoning

According to information available from the Corporation of the Township of Hamilton Comprehensive Zoning By-law 2001-58, the Property is zoned as Marginal Agricultural Zone (MA). Surrounding land is zoned as MA, Urban Residential First Density Zone (UR1), Environmentally Sensitive Areas, Environmental Protection – Wetland Zone (EP-W), Rural Residential Zone (RR), and Hamlet Commercial Zone (HC). The zoning should be verified with the Hamilton Township. Zoning information is included in **Appendix A**.

3.1.5 Environmental Reports

There were no past environmental reports provided to GHD for review.

3.2 Environmental Source Information

Inquiries were made to obtain a number of documents regarding environmental information including information provided by maps, regulatory agencies (MECP, TSSA, etc.), local agencies (municipal data, local library etc.) and environmental search information on file. The review of these documents is discussed in the following subsections.

3.2.1 Mapping

Mapping and figures are presented within the Figures section of this report. The location is presented on the **Site Location Plan, Figure 1** from the Ontario Ministry of Natural Resources and Forestry. The Phase One Study Area is shown on the **Phase One Study Area, Figure 2**.

The surrounding area is used for agricultural purposes, residential and community (School and Church) use. The **Phase One CSM, Figure 3** illustrates the Study Area (lands within 250 m) and identifies any PCAs in this general area.

3.2.2 Ontario Ministry of Environment, Conservation and Parks

A request under the Freedom of Information and Protection of Privacy Act (FOIPPA) was made to the MECP regarding potential environmental concerns. A response was received on July 11, 2024 that contained records for J&H Trucking Services Ltd., which upon review is located on Harwood Road and is greater than 250 m from the subject property, and a Certificate of Approval (CofA) for Storm Sewers in and around the Property. The CofA was dated 2005 for The Corporation of the Township of Hamilton. These records did not identify any environmental issues that would impact the Property.

3.2.3 Technical Standards and Safety Authority

A search request was made to the TSSA regarding potential environmental concerns. A response email dated June 13, 2024 confirmed that there were no records in their database. The response is included in **Appendix A.** There were no PCAs identified from the TSSA information.

3.2.4 Fire Insurance Plans

A request for Fire Insurance Plans (FIPs) was made through ERIS. There were no FIPs for the Property. The FIP request is included in **Appendix A.**

3.2.5 Environmental Risk Information System

ERIS was contacted to request a database report for the Property and Phase One Study Area. The ERIS report is based on a number of databases including, but not limited to, the National PCB Inventory, National Pollutant Release Inventory, Occurrence Reporting Information System, Retail Fuel Storage Tanks, Private Fuel Storage Tanks, Waste Disposal Sites Inventory and Certificates of Approval. The ERIS report is included in **Appendix A**. The ERIS report did not show any records for the Property; however, seventy-two (72) records were shown within the Phase One Study area (within 250 m of the Property). The following paragraphs provide further details regarding the records obtained for the Phase One Study area including:

– One (1) ERIS Historical Searches record;
– Eleven (11) Ontario Regulation 347 Waste Generators Summary records;
– Thirteen (13) Pesticide Register records;
– Three (3) Ontario Spill records; and
– Forty-four (44) Water Well Information System records.

Based on the records listed for the Phase One Study Area, the following notable records are discussed:

– Baltimore Public School is listed at 9320 Burwash Road. The school is located to the west of Site, is inferred to be downgradient of the Property, based on topography, and is separated from the Property by several residential lots. The following notable records are listed for Baltimore Public School:
  - A spill record indicated contaminated soil due to 8 litres of hydraulic oil spilled to the ground from a pipe or hose leak in 2004.
  - Six (6) waste generator records for inorganic laboratory chemicals and aliphatic solvents.
– Four (4) waste generator records for 861178 Ontario Ltd. (freight trucking) is listed at 2896 Harwood Road, to the west of the Property. The records indicate a waste class of waste crankcase oils and lubricants. This area is located on the fringe of the Phase One Study Area, is inferred to be downgradient of the Property and is separated from the Property by several residential lots. It is GHD's opinion that the PCA does not result in an APEC on the Property.
– Thirteen (13) pesticide register records for 1199563 Ontario Limited/ Certified Pest Control and/or United Pest Control at 9347 Burwash Road, to the southwest of the Property. The records indicate a vendor / operator. These records are for a vendor (not an application of pesticides), is inferred to be downgradient of the Property and is separated from the Property by several residential lots. It is GHD's opinion that this record associated with the vendor / operator is not a PCA.
– **Water Well Information System (December 31, 2023):** This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. Forty-four (44) water well records are provided for the area which provide subsurface information. The well records are not of environmental concern and do not result in PCAs or APECs.
– Based on the information contained in the remaining records in the ERIS report, it is GHD's opinion that they do not result in PCAs.

Based on the ERIS report, PCAs are identified within the Phase One Study Area for the school at 9320 Burwash Road, and the trucking business at 2896 Harwood Road. The PCAs were for the storage of chemicals and waste oils, and a spill of hydraulic oil in 2004. There were no PCAs identified on the Property itself. The school was observed during the site reconnaissance and is located west of the Phase One Study Area, and the trucking business was located at the western fringe of the Phase One Study Area. Based on the distance from the Property, the inferred

groundwater flow direction and the separation of the PCAs from the Property by other lots, it is GHD's opinion that the PCAs do not result in APECs on the Property.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Digital aerial photographs were obtained and reviewed from the National Air Photo Library and Maxar Technologies for the years of 1929, 1960, 1981 and 2023. Google Earth images were reviewed for years of 2009, 2012 and 2017. The aerial photographs are included in **Appendix B.**

The 1929 image shows the Property as developed with one (1) residence and one (1) barn, with the remainder of the Property supporting agricultural fields. The surrounding area appears to be used for agricultural and rural residential purposes. Burwash Road, Community Centre Road, The Gully, and Highway 45 are present at this time.

The 1960 image shows the construction of the small silo building on the Property. Overlook Heights and residential buildings along the east side of Overlook Heights and Baltimore Elementary School to the west are shown in the 1960 image.

The Google Earth images show the Property and surrounding area in the general configuration observed during the site reconnaissance. The Property supports one (1) residential building, one (1) barn, one (1) silo, and agricultural fields. Based on the aerial photographs, no PCAs are identified.

3.3.2 Topography, Hydrogeology, & Geology

Topography: The Property is located on a topographically elevated area and slopes radially towards tributaries of Baltimore Creek. Regional topography slopes southerly towards Lake Ontario.

Hydrogeology: Based on topographic relief, it is inferred that groundwater flow direction is towards local tributaries of Baltimore Creek to the northwest and southeast of the Property.

Hydrology: Surface water will flow overland in accordance with local topography toward adjacent agricultural land or to drainage ditches along Burwash Road and Overlook Heights.

Geology: The Property is situated within the physiographic region known as the South Slope (Chapman and Putnam, 1984). The South Slope region is the southern slope of the Oak Ridges Moraine. Locally, the Property is within an area of drumlinized glacial till plains. The area in proximity to the Property is expected to be underlain by low permeability soils. Bedrock is comprised of limestone in this area.

3.3.3 Fill Materials

There were no signs of deleterious fill material observed during the site reconnaissance.

3.3.4 Water Bodies and Areas of Natural Significance

There were no permanent water bodies or areas of natural significance identified on the Property. Tributaries of Baltimore Creek are located to the north and south of the Property and Baltimore Creek is located along the northwest fringe of the Phase One Study Area.

3.3.5 Well Records

One (1) drinking water well was observed on the Property during the site reconnaissance. The well services the existing private residence and is located on the northeast side of the building. The well is reportedly a dug well within a concrete casing with an inaccessible lid. No monitoring wells were observed on the Property during the site

reconnaissance. Any wells that are no longer in use, shall be decommissioned in accordance with Ontario Regulation 903.

3.4 Site Operations Records

The following records were considered for the Property:

1. *Regulatory permits and records related to areas of potential environmental concern*: Not applicable. There were no APECs identified.
2. *Material safety data sheets (MSDS):* Not applicable.
3. *Underground utility drawings:* Underground utility drawings were not reviewed as part of this Phase One ESA. Underground utilities on the Property are expected related to hydro, communication, and well and septic lines.
4. *Inventories of chemicals, chemical usage, and chemical storage areas*: Not applicable. No chemical usage was identified.
5. *Inventory of above ground storage tanks (ASTs) and underground storage tanks (USTs):* There is a heating oil tank for the private residence. Piping for the tank was observed; however, GHD did not have access to the basement to observe the tank. The AST is positioned on a concrete floor. There have been no reported spills or leaks, and no evidence of contamination in the area of the fill and vent pipes. There were no historical records in the information reviewed by GHD indicating a spill or any issues with the heating oil tank. There were no records or observations of other ASTs or USTs noted on the Property during the site reconnaissance.
6. *Environmental monitoring data, including data created in response to an order or request of the Ministry*: Refer to Section 3.2.2 of this report.
7. *Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General – Waste Management) made under the Act, or its predecessors*: The Property is not listed as a waste generator or waste receiver in the ERIS report.
8. *Process, production and maintenance documents related to areas of potential environmental concern*: Not applicable. There were no APECs identified.
9. *Records of spills and records of discharges of contaminants, including records of spills and records of discharges of contaminants of which notice is required to be given to the Ministry under the Act and records of such spills and discharges required to be kept pursuant to Ontario Regulation 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the Act*: There were no spill records identified for the Property in the ERIS report.
10. *Emergency response and contingency plans including spill prevention and contingency plans prepared pursuant to section 91.1 of the Act and Ontario Regulation 224/07 (Spill Prevention and Contingency Plans) made under the Act*: Not applicable.
11. *Environmental audit reports*: Not applicable.
12. *Site plan of facility showing areas of production and manufacturing*: There were no areas of production or manufacturing identified on the Property.

4. Interview

GHD discussed the Property with Mr. Tom Behan who is a local resident and knowledgeable of this area. Mr. Behan indicated that the Property had been agricultural land for over 100 years. He confirmed that the residence and barn are over 100 years old and that the silo was built more recently (possibly 1960s).

Mr. Behan indicated that municipal drinking water is available to the surrounding area, but that no municipal septic services are available in the area. There is a residence that is supplied by a dug well. The proposed residential development is planned to be municipally serviced for drinking water and privately serviced with septic systems.

Mr. Behan confirmed that a heating oil AST is located in the basement. The AST is positioned on a concrete floor and he stated that there has never been any spills or leaks of the AST. Mr. Behan stated that the AST was in good condition and there were no issues with the AST.

Mr. Behan was not aware of the 45-gallon drum present in the barn observed during our site reconnaissance; however, indicated it may have previously contained seed or fertilizer for the farm business. He was not aware of any fuels storage or re-fueling at the Property. He was not aware of any environmental concerns.

5. Site Reconnaissance

5.1 General Requirements

In accordance with the Regulation, a site reconnaissance was completed of the Property. Adjacent and surrounding sites were also observed from public access ways. The site reconnaissance was conducted on June 19, 2024, by GHD. Photographs are provided in **Appendix C** and document the Property and surrounding area. The assessor qualifications are provided in **Appendix D**.

5.2 Specific Observations at the Phase One Property

The following section provides a summary of the specific observations recorded by GHD. The Property is of irregular shape and is bordered by residential lots, agricultural land, and Burwash Road. Topography in the area was observed to slope radially from the central area of the Property towards tributaries of Baltimore Creek.

The Property supports a private residence, agricultural fields, one (1) barn, and one (1) silo. The barn was observed to have a concrete floor on the west side and dirt floor on the east side. It appears that some upgrades may have occurred to the barn since its original construction. The barn contained one (1) 45-gallon drum which was empty and may have been a seed drum as noted in the interview. No staining was noted in the area of the drum. The barn is currently used to store recycling bins, tools, golf clubs, children's bikes, a lawnmower, old and new windows and doors. The remaining areas within the barn were mainly empty, with bundled snow fencing, hay, old barn boards, and chopped firewood. While not of significant environmental concern, GHD recommends the materials within the barn are disposed of appropriately. The agricultural fields were planted with seed and were observed to slope towards the south and north ends of the Property. There were no indications of deleterious fill material observed.

The surrounding land uses included residential, agricultural and institutional use. Based upon the site reconnaissance, the heating oil AST is identified as a PCA. There were no other PCAs identified on the Property or within the surrounding Phase One Study Area.

5.3 Enhanced Investigation Property

A Property is considered to be an Enhanced Investigation if the Property is used, or has ever been used, in whole or in part for an industrial use or for any of the following commercial uses: (i) as a garage; (ii) as a bulk liquid dispensing facility, including a gasoline outlet; or (iii) for the operation of dry-cleaning equipment. Based on historical information review, the Property is not considered an enhanced investigation property.

5.4 Written Description of Investigation

The site reconnaissance included an inspection to confirm the current conditions and identify any current land uses which may have or may cause actual and / or potential environmental impacts. Adjoining and neighbouring sites were observed from public access ways.

6. Review and Evaluation of Information

6.1 Current and Past Uses

Based upon the information obtained through the records review and the site reconnaissance, the Property has historically been used for agricultural purposes. In accordance with the Regulation, a table of current and past uses of the Property is required. Based on the information provided and reviewed, the following table is presented:

Table 2 Current and Past Uses

Year	Name of Owner	Description of Property Use	Property Use[1]	Other Observations from Aerial Photos, FIPs, etc.
1970s – Present	Robe Developments Inc. (2023 to present) John Beck (1978 to 2023) Estate of William Harding (prior to 1978)	Agricultural use (proposed residential development)	Agricultural or Other Use	Land registry and interview confirmed the current and former owners. Site reconnaissance confirmed Property use and land use of surrounding area. Air photos from 1929, 1960, 1981, 2009, 2012 and 2017, 2023 confirmed development as an agricultural property with a house, barn and silo. PCAs identified on the Property and within the Phase One Study Area for a heating oil in the onsite residence building, a small engine repair facility on Lime Kiln Trail, a heating oil spill and laboratory chemical use / storage at Baltimore Elementary School (9320 Burwash Road), and a freight trucking business at 2896 Harwood Road. No resulting APECs identified on the Property.

Notes: Dates and uses are estimated based on information obtained and reviewed. ([1]) – the following types of property uses were considered: Agriculture or other; Commercial; Community; Industrial; Institutional; Parkland; and, Residential use.

6.2 Potentially Contaminating Activities

The MECP provides a list of PCAs in Schedule D of O. Reg. 153 (as periodically amended). The following is a list and description of PCAs identified on the Property and in the Phase One Study Area based on the MECP list. The PCAs are illustrated on the **CSM Study Area, Figure 3** and identified as follows:

1. Gasoline and Associated Products Storage in Fixed Tanks (PCA#28). This PCA is identified for an existing heating oil AST located in the basement of the residence building. Fill and vent pipes were observed. The AST is located on a concrete floor. There have been no reported spill or leaks, and no evidence of contamination in the area of the fill and vent pipes. There were no historical records in the information reviewed by GHD indicating a spill or any issues with the heating oil tank. In our opinion, this PCA does not result in an APEC.
2. Gasoline and Associated Products Storage in Fixed Tanks (PCA#28). This PCA is identified for a hydraulic oil spill at 9320 Burwash Road (Baltimore Elementary School). ERIS spill records identified the discovery of soil contamination in this area in 2004. This area is inferred to be downgradient and is separated from the Property by residential lots. It is GHD's opinion that the PCA does not result in an APEC on the Property. In addition, the school is listed as a waste generator for laboratory chemicals. Based on the inferred small quantities of chemicals that would be used / stored at the school and its downgradient location from the Property, it is GHD's opinion that this PCA does not result in an APEC on the Property.
3. Gasoline and Associated Products Storage in Fixed Tanks (PCA #28). This PCA is identified for a small engine repair business at Lime Kiln Trail, north of the Property. No ERIS records were found for this property. This area is located on the fringe of the Phase One Study Area, is inferred to be downgradient and is separated from the Property by forested land. It is GHD's opinion that the PCA does not result in an APEC on the Property.
4. Gasoline and Associated Products Storage in Fixed Tanks (PCA #28). This PCA is identified for a freight trucking business at 2896 Harwood Road. This area is located on the fringe of the Phase One Study Area, is inferred to be downgradient and is separated from the Property by forested land. It is GHD's opinion that the PCA does not result in an APEC on the Property.

6.3 Areas of Potential Environmental Concern

As discussed, it is GHD's opinion that the PCAs identified do not result in APECs at the Property.

6.4 Phase One Conceptual Site Model

The Phase One Conceptual Site Models is provided as **Figure 3** within the Figures section. The CSM provides a basic overview, approximate locations of corridors, basic geological and hydrogeological information and any other pertinent data that may affect the Phase One ESA of Schedule D of the Regulation. The CSM is required to contain figures, narrative descriptions, and assessments as per Subsection 16(7) of Table 1 of Schedule D (Sub-Heading (iv) in Report Section 7 of the Regulation). The following table and narrative are provided in accordance with O. Reg. 153 (as amended).

Table 3 Phase One Conceptual Site Model

Provide one or more figures of the Phase One Study area that,	Show any existing buildings and structures	The private residence, barn and small silo building are shown on **Figure 3.**
	Identify and locate water bodies located in whole or in part on the Phase One Study Area	Tributaries of Baltimore Creek located north and south of the Property are shown on the **Phase One Study Area, Figure 2**.
	Identify and locate any areas of natural significance located in or in part on the Phase One Study Area	There were no areas of natural significance identified on the Property or within the Phase One Study Area.
	Locate any drinking water wells at the Phase One Property	There was one (1) water well observed on the Property during the site reconnaissance. The well location is shown on the **Phase One CSM, Figure 3.**
	Show roads, including names within the Phase One Study Area	Roads with names are provided on the **Site Location Plan, Figure 2**.
	Show uses of properties adjacent to the Phase One Property	Adjacent site uses are shown on the **Phase One Study Area, Figure 2.** The Property is present within a predominantly residential and agricultural area.
	Identify and locate where any potentially contaminating activity has occurred, and show tanks in such areas, and	PCA locations on the Property and within the Phase One Study Area are shown on the **Phase One CSM, Figure 3**.
	Identify and locate any APECs	No APECs are identified as shown on the Phase One **CSM, Figure 3**.
Provide a description and assessment of,	Any areas where PCA on or potentially affecting the Phase One Property has occurred	It is the opinion of GHD that the PCAs identified do not affect the Phase One Property and do not result in APECs.
	Any contaminants of potential concern	There are no contaminants of potential concern identified as there were no APECs identified.
	The potential for underground utilities, if any present, to affect distribution and transport	Underground utilities are not anticipated to affect distribution and transport. There are no contaminants of potential concern.
	Available regional or site specific geological and hydrogeological information, and	The Property is situated in the South Slope physiographic region (Chapman and Putnam, 1984). Subsurface material is expected to be comprised of low permeability soils. Groundwater flow direction is inferred to be towards tributaries of the Baltimore Creek.
	How any uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the validity of the model.	It is GHD's opinion that the degree of uncertainty from this Phase One ESA is limited and the CSM is valid.

7. Conclusions and Recommendations

7.1 Phase Two Environmental Site Assessment Required?

The Phase One ESA represents a "snapshot" in time. GHD cannot guarantee the reliability of information provided by others. However, whenever possible, verification of authenticity was attempted. In conclusion, it is GHD's opinion that a Phase Two ESA is not required.

7.2 Phase One Environmental Site Assessment Alone

It is GHD's opinion at this time that only a Phase One ESA is required to provide our professional opinion. It is GHD's opinion that the Property is suitable for the proposed residential use from an environmental assessment perspective and no further environmental investigation is required at this time.

7.3 Signatures

The following signatures are provided of GHD staff that prepared and conducted the Phase One ESA. Mr. Robert Neck, a Qualified Person within the meaning of the Environmental Protection Act and associated Regulation 153/04, has provided his opinion based on the information provided in this report.

Following the References section of this report is the Statement of Limitations. These limitations are an integral part of this report. Should questions arise regarding any aspect of our report, please contact the undersigned or our office.

Sincerely,



Lisa Gardiner, B.Sc., A.Sc.T., PMP
Environmental Scientist





Robert Neck, P.Geo. (Limited)
Senior Geoscientist, Project Director

8. References

Chapman and Putnam, 1966. The Physiography of Southern Ontario, 2nd Edition. University of Toronto Press.

Chapman and Putnam, 1984. The Physiography of Southern Ontario, 3rd Edition. Ministry of Natural Resources.

Environmental Protection Act, R.S.O. 1990, and associated regulations.

Ontario Ministry of the Environment, 2011. Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act (Environmental Protection Act 153/04, as amended).

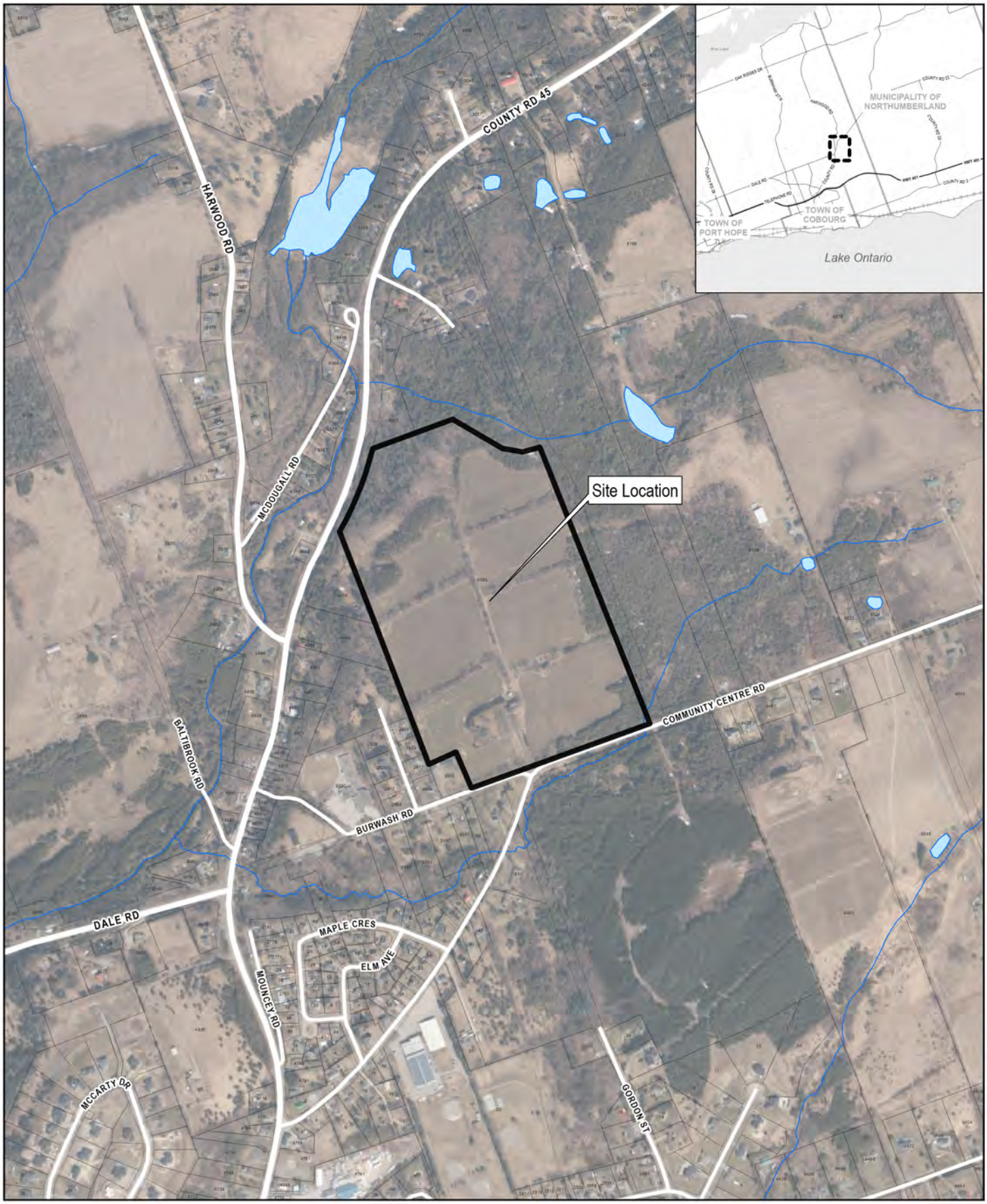
9. Statement of Limitations

This report is intended solely for Stalwood Homes in assessing the environmental conditions of approximately 31.6 hectares of land at 9380 Burwash Road in the community of Baltimore, Ontario and is prohibited for use by others without GHD's prior written consent. This report is considered GHD's professional work product and shall remain the sole property of GHD. Any unauthorized reuse, redistribution of or reliance on the report shall be at the Client and recipient's sole risk, without liability to GHD. Client shall defend, indemnify and hold GHD harmless from any liability arising from or related to Client's unauthorized distribution of the report. No portion of this report may be used as a separate entity; it is to be read in its entirety and shall include all supporting drawings and appendices.

The conclusions and recommendations made in this report are in accordance with our present understanding of the project, the current site use, surface and subsurface conditions, and are based on available information, a site reconnaissance on the date set out in the report, records review and interviews (as applicable) with appropriate people and the work scope approved by the Client and described in the report and should not be construed as a legal opinion. Therefore, our liability is limited to interpreting accurately the information made available to us and assessing the property information investigated during this Phase One ESA. The services were performed in a manner consistent with that level of care and skill ordinarily exercised by members of environmental engineering professions currently practicing under similar conditions in the same locality. No other representations, and no warranties or representations of any kind, either expressed or implied, are made. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties.

If conditions at the Property change or if any additional information becomes available at a future date, modifications to the findings, conclusions and recommendations in this report may be necessary.

Figures



1:10,000

0 100 200 300

Metres

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

N

GHD

Stalwood Homes
9380 Burwash Road, Baltimore, ON
Municipality of Northumberland

Phase One ESA

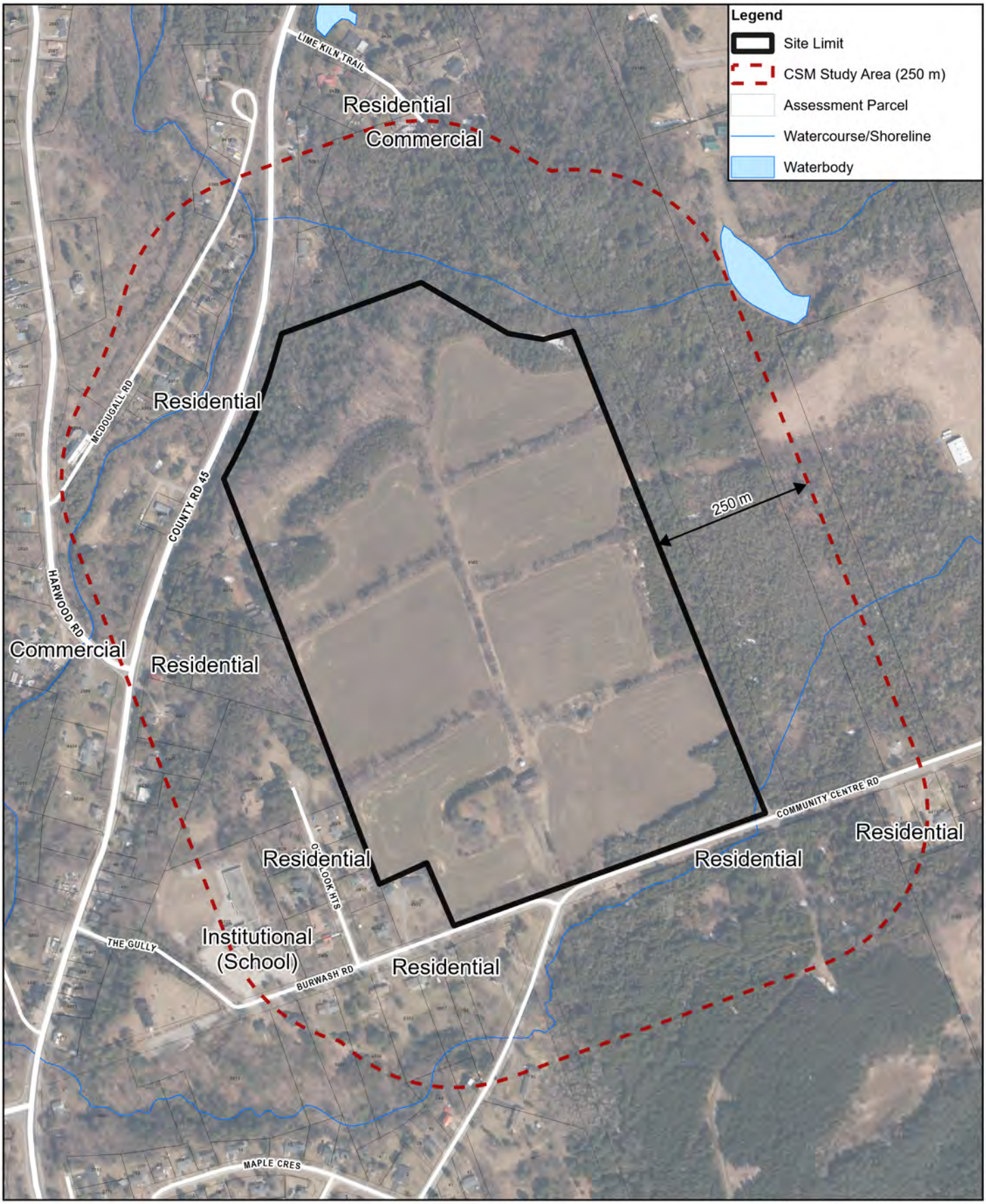
Site Location Plan

Project No. 12639057
Revision No.
Date Jul 18, 2024

Figure 1

Q:\GIS\PROJECTS\12639000s\12639057\GIS\Maps\Deliverables\12639057_202406_GIS00X\12639057_202406_GIS00X.aprx
Print date: 18 Jul 2024 - 09:23

Attribution: Basemap imagery accessed from Ontario Imagery Web Map Service on June 27, 2024, Produced by GHD Limited under Licence with the Ontario Ministry of Natural Resources and Forestry© King's Printer for Ontario, 2024.



1:5,726

0 60 120 180

Metres

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

N

GHD

Stalwood Homes
9380 Burwash Road, Baltimore, ON
Municipality of Northumberland

Project No. 12639057
Revision No.
Date Jul 18, 2024

Phase One ESA

Phase One Study Area

Figure 2

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Print date: 18 Jul 2024 - 10:09

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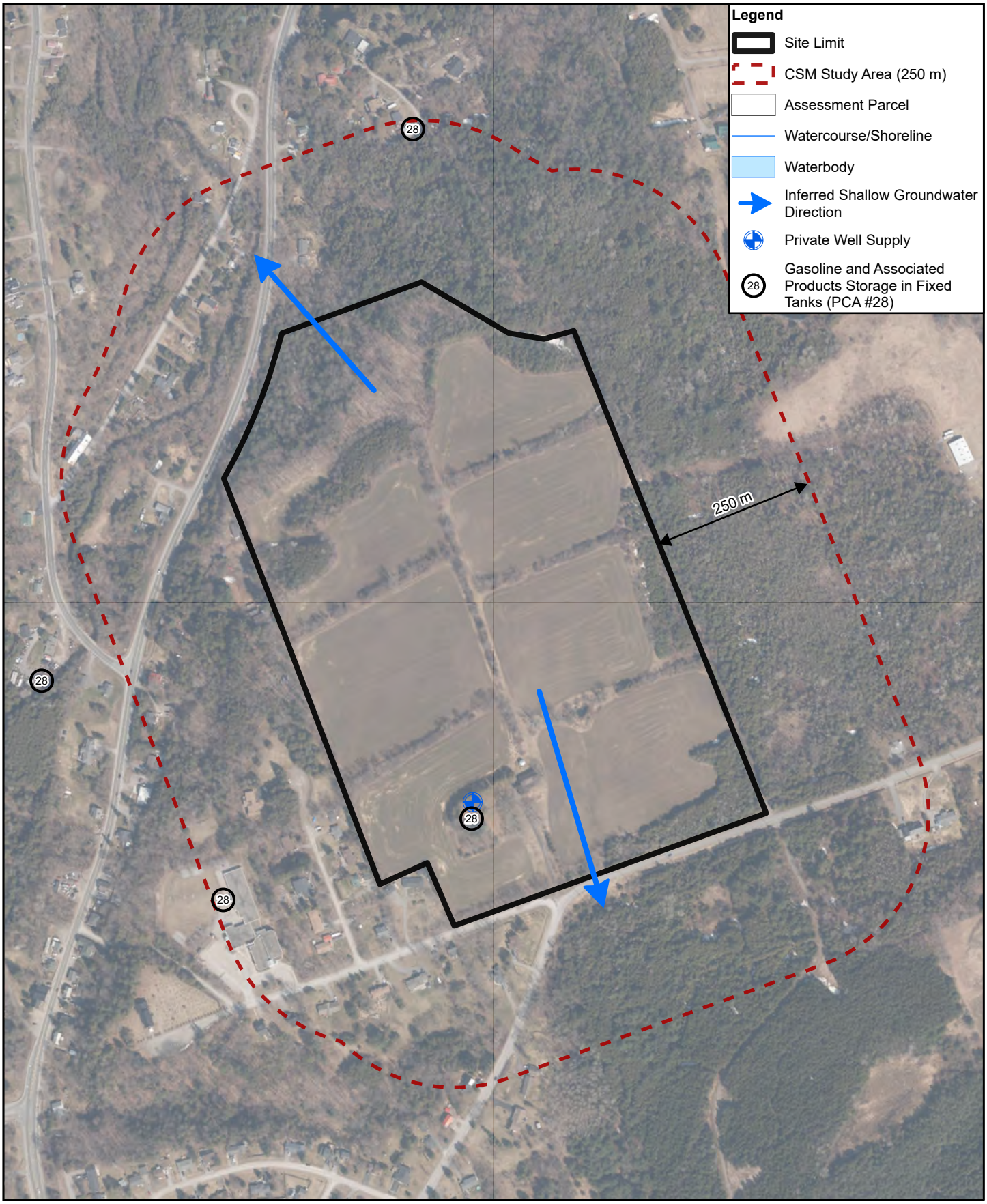

1:5,726

0 35 70 105

Metres

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 17N

N

Stalwood Homes
9380 Burwash Road, Baltimore, ON
Municipality of Northumberland

Phase One ESA

Phase One Conceptual Site Model

Project No. 12639057
Revision No.
Date Jul 18, 2024

Figure 3

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Appendices

Appendix A

Records

PROPERTY DESCRIPTION: PT LT 7 CON 3 HAMILTON PT 1, 3, 4, 39R979 S/T HN16524; HAMILTON; SUBJECT TO AN EASEMENT IN GROSS OVER PT 1 39R12803 AS IN ND89955

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
FIRST CONVERSION FROM BOOK

PIN CREATION DATE:
2008/07/21

OWNERS' NAMES
ROBE DEVELOPMENTS INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
**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: 2008/07/21 **						
HN16524	1953/04/29	AGR RIGHT OF WAY			TRANS-NORTHERN PIPE LINE COMPANY	C
39R979	1978/11/10	PLAN REFERENCE				C
NC200934	1992/04/16	NOTICE OF CLAIM				C
REMARKS: MULTI						
CORRECTIONS: OMMITED AT TIME PIN WAS CREATED IN ERROR. ADDED ON 2015/10/27 AT 11:42 BY ROLFE, BRENDA.						
39R12803	2013/02/22	PLAN REFERENCE				C
ND89955	2013/05/24	TRANSFER EASEMENT	$500	BECK, JOHN R.	HYDRO ONE NETWORKS INC.	C
ND258259	2023/12/14	TRANS PERSONAL REP	$3,300,000	MACKLIN, PAUL	ROBE DEVELOPMENTS INC.	C
REMARKS: PLANNING ACT STATEMENTS.						

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.

Northumberland county

TOWNSHIP OF HAMILTON

Schedule A to Zoning By-law No. 2001-58 as amended

May 13, 2016

N

Rice Lake

WEST SUGAR ISLAND

SHEEP ISLAND

BLACK ISLAND

SPOOK ISLAND

TICK ISLAND

TOWN OF COBOURG

Lake Ontario

Legend

- Community Facility Zone (CF)
- Environmental Protection - Wetland Zone (EP-W)
- Estate Residential Zone (ER)
- Hamlet Commercial Zone (HC)
- Hamlet Industrial Zone (HI)
- Limited Service Residential Zone (LSR)
- Marginal Agriculture Zone (MA)
- Mobile Home Residential Zone (MHR)
- Mineral Extractive "B" Zone (MXB)
- Open Space Zone (OS)
- Permanent Agriculture (PA)
- Rural Commercial Zone (RC)
- Rural Highway Commercial Zone (RHC)
- Rural Industrial Zone (RI)
- Rural Residential Zone (RR)
- Urban Multiple Residential Zone (UMR)
- Urban Residential First Density Zone (UR1)
- Urban Residential Second Density Zone (UR2)
- Waste Disposal Zone (WD)
- Waterfront Residential Zone (WR)
- Waterfront/Resort Commercial Zone (WRC)
- Environmentally Sensitve Areas
- Oak Ridges Moraine (As Per Act)

Lands Rezoned per By-Law 2004-22

- LAND TO BE ZONED OAK RIDGES MORAINE CORE
- LAND TO BE ZONED OAK RIDGES MORAINE LINKAGE
- LAND TO BE ZONED OAK RIDGES MORAINE COUNTRYSIDE
- LAND TO BE ZONED OAK RIDGES MORAINE RURAL SETTLEMENT
- LAND TO BE ZONED OAK RIDGES MORAINE MINERAL EXTRACTIVE
- LAND TO BE ZONED OAK RIDGES MORAINE ENVIRONMENTAL
- OAK RIDGES MORAINE BOUNDARY (AS PER OAK RIDGES MORAINE CONSERVATION PLAN)
- OAK RIDGES MORAINE ENVIRONMENTAL PLAN REVIEW (OEMEPR)

0 0.5 1 2 3 4 Kilometers



opta
INFORMATION INTELLIGENCE

enviroscan







175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Midori

Site Address:

9380 Burwash Road, Baltimore, ON

Project No:

24061200830

Opta Order ID:

145660

Requested by:

Eleanor Goolab
ERIS

Date Completed:

6/19/2024 12:46:28 PM

Project Name: 9380 Burwash Rd Phase One ESA

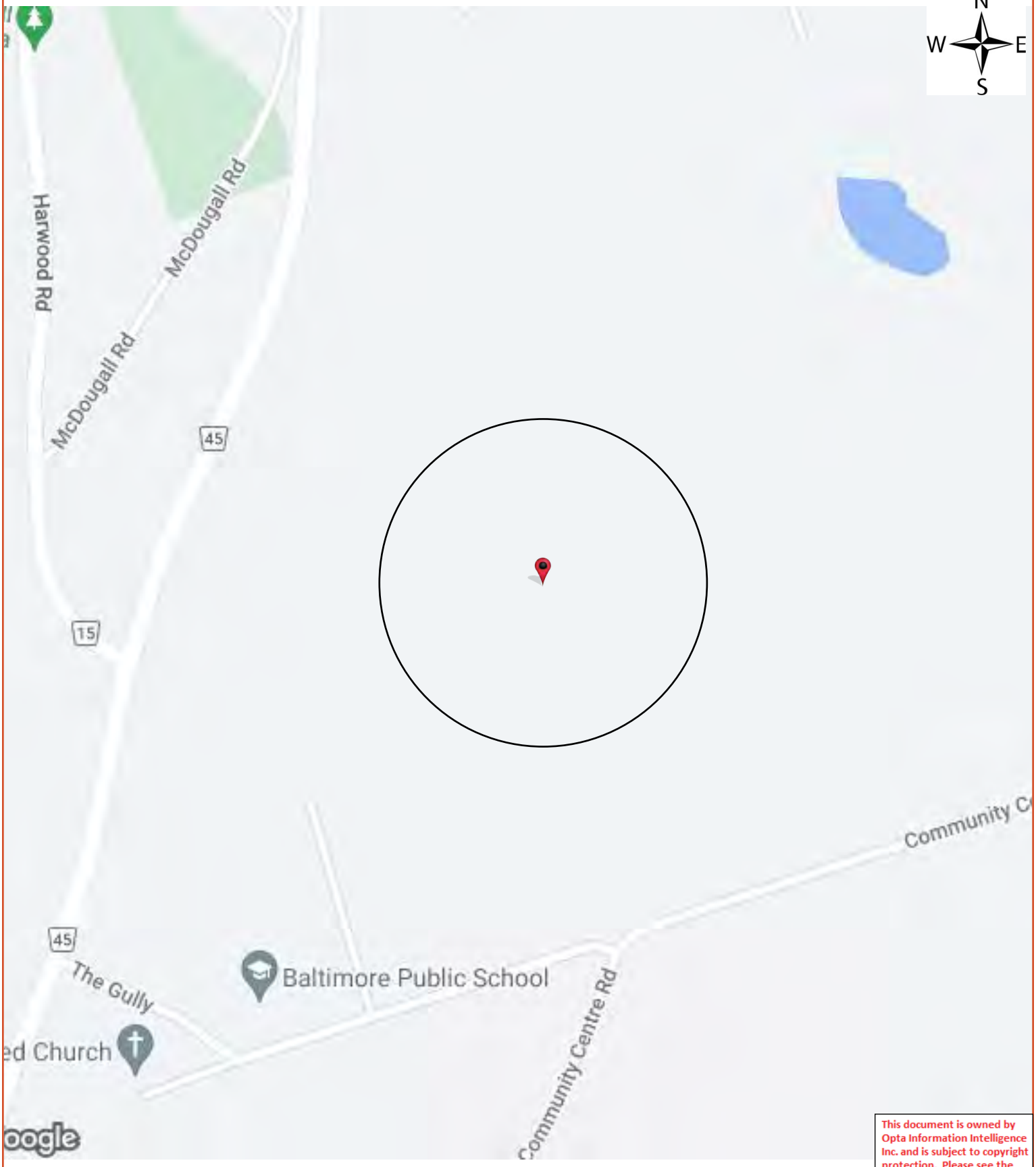
Project #: 24061200830
P.O. #: 1263905702

ENVIROSCAN Report

Search Area: 9380 Burwash Road, Baltimore, ON

Requested by:
Eleanor Goolab
Date Completed: 06/19/2024 12:46:28

enviroscan
OPTA INFORMATION INTELLIGENCE



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Report

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

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Entire Agreement

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

Governing Document

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

Law

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

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 06/19/2024 12:46:28

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No Records Found

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N
W E
S

Ministry of the Environment
Ontario

Emergency Waste Shipment Authorization

Emergency Generator Number (Use on Manifest)	MOE Reference Number
ONS0304	5023

SIN: Hm 003 - 700

Generator

Company Name: J + H Trucking Services Ltd		MOE Generator Number (if registered):
Head Office Address: RR#1, Harwood Road		
City: Baltimore	Province: Ont	Postal Code: K0K 1C0
Site Address: Lot 7 Conc 3, Harwood Road, Hamilton Twp.		
City: Baltimore	Province: Ontario	Postal Code: K0K 1C0
Contact Name: John Desroche		Tel. No.: (905) 372-9985

Manifest No. PP60502-0 | Date of Removal: 5/25/00

Carrier

Certificate of Approval No.: A8231		
Company Name: Safety Kleen		
Address: 300 Woolwich St S.		
City: Breslau	Province: ONT.	Postal Code: N0B 1M0

Receiver

Certificate of Approval No.: A363005		
Company Name: Safety Kleen		
Address: Canal Reserve Murray Twp.		
City: Northumberland County	Province: ON	Postal Code: K0K 1L0

Waste Class	Waste Description	Quantity	Units	Physical State
2 5 2 1	waste crankcase oil	1500	L	L

Reason

☐ Spill

☐ One Time Disposal

Explain Reason: Out of Storage to register for permanent no.

Signatures

Company Official (Print)	Signature	Date
MOE Authorizing Officer (Print): Michael Langpré	Signature: Michael Langpré	Date: 00/05/18

0880 (01/98)

000001

Post-it FAX TRANSMITTAL MEMO FEUILLETS POUR FAC-SIMILÉ 7671 NO. OF PAGES / NBRE DE PAGES 1

579 6063 TO 19053729985 P.01/01
MIN. OF ENVIRONMENT- 905 579 6063:# 2/ 2

TO: / À: Michael Longpisy	FROM: / DE: Brenda
CO.: / CIE.: MOEE	CO.: / CIE.: Safety-Kleen
DEPT.: / SERVICE: 7	PHONE #: / Nº DE TÉL.: 905-579-3221
FAX #: / Nº DE TELECOR: 705-755-4321	FAX #: / Nº DE TELECOR: 905-579-6063

Ontario Ministry of the Environment

Emergency Waste Shipment Authorization

Emergency Generator Number (Use on Manifest) | MOE Reference Number

Generator

Company Name: J & H TRUCKING SERVICES LTD.
MOE Generator Number (if registered):
Head Office Address: R.R. # 1, Harwood Road
City: Baltimore, Ontario KOK 1CO
Postal Code:
Site Address: 905 (~~[illegible]~~) 372-9985
City: | Province: | Postal Code:
Contact Name: JOHN DES ROCHE
Tel No.: 905 372-9985

Manifest No. PP60502-0 | Date of Removal: 5/25/00

Carrier

Certificate of Approval No.: A 8231
Company Name: SAFETY-KLEEN CANADA
Address: 300 WOOLWICH ST. S.
City: BRESLAU | Province: ONT. | Postal Code: N0B 1M0

Receiver

Certificate of Approval No.: A36 3005
Company Name: SAFETY-KLEEN CANADA
Address: CANAL RESERVE MURRAY TOWNSHIP
City: NORTHUMBERLAND | Province: ONT | Postal Code: KOKILO

Waste Class	Waste Description	Quantity	Units	Physical State
252L	WASTE OIL	app 12 to 1500	L	L

Reason
☐ Spill
☒ One Time Disposal
Explain Reason

Signatures

Company Official (Print)	Signature	Date
JOHN DES ROCHE	[signature]	18/5/00
MOE Authorizing Officer (Print)	Signature	Date

ENVIRONMENTAL MONITORING AND REPORTING BRANCH

SEP 30 '99 08:36 7057484192 PAGE 02 ** TOTAL PAGE.01 **

Ontario

Ministry of the Environment **Ministère de l'Environnement**

CERTIFICATE OF APPROVAL
MUNICIPAL AND PRIVATE SEWAGE WORKS
NUMBER 8799-6DLPMR

The Corporation of the Township of Hamilton
PO Box 1060 Stn Main
Cobourg, Ontario
K9A 4W5

Site Location: Burwash Road
Lot 45-51, 7-32, Concession 2,3
Hamilton Township, County of Northumberland, Ontario

You have applied in accordance with Section 53 of the Ontario Water Resources Act for approval of:

- ***storm sewers*** to be constructed on Burwash Road, in the Township of Hamilton, County of Northumberland;

all in accordance with the application dated June 14, 2005 and received on June 15, 2005, including final plans and specifications prepared by Totten Sims Hubicki Associates (1997) Ltd.

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

(1) "*Certificate* " means this entire Certificate of Approval document, issued in accordance with Section 53 of the *Ontario Water Resources Act* , and includes any schedules;

(2) "*Owner* " means The Corporation of the Township of Hamilton, and includes its successors and assignees; and

(3) "*Works* " means the sewage works described in the *Owner* 's application, this *Certificate* and in the supporting documentation referred to herein, to the extent approved by this *Certificate* .

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL CONDITIONS

1.1 The *Owner* shall ensure that any person authorized to carry out work on or operate any aspect of the *Works* is notified of this *Certificate* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

1.2 Except as otherwise provided by these Conditions, the *Owner* shall design, build, install, operate and maintain the *Works* in accordance with the description given in this *Certificate*, the application for approval of the works and the submitted supporting documents and plans and specifications as listed in this *Certificate*.

1.3 Where there is a conflict between a provision of any submitted document referred to in this *Certificate* and the Conditions of this *Certificate*, the Conditions in this *Certificate* shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

1.4 Where there is a conflict between the listed submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

1.5 The requirements of this *Certificate* are severable. If any requirement of this *Certificate*, or the application of any requirement of this *Certificate* to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this *Certificate* shall not be affected thereby.

2. EXPIRY OF APPROVAL

2.1 The approval issued by this *Certificate* will cease to apply to those parts of the *Works* which have not been constructed within five (5) years of the date of this *Certificate*.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the *Works* are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the *Certificate* and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this *Certificate* the existence of this *Certificate*.

2. Condition 2 is included to ensure that, when the *Works* are constructed, the *Works* will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
2300 Yonge St., 12th Floor
P.O. Box 2382
Toronto, Ontario
M4P 1E4

AND

The Director
Section 53, *Ontario Water Resources Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted sewage works are approved under Section 53 of the Ontario Water Resources Act.

DATED AT TORONTO this 7th day of July, 2005

A. Ahmed

Aziz Ahmed, P.Eng.
Director
Section 53, *Ontario Water Resources Act*

NH/

c: District Manager, MOE Peterborough District Office
William McCrae, P.Eng., Totten Sims Hubicki Associates (1997) Ltd.

Lisa Gardiner

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Thursday, June 13, 2024 8:01 AM
To: Lisa Gardiner
Subject: RE: Request for Information- Phase One ESA

NO RECORD FOUND IN CURRENT DATABASE

Hello,

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

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

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

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

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

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

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

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

Kind regards,

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

Winner of 2024 5-Star Safety Cultures Award

From: Lisa Gardiner <Lisa.Gardiner@ghd.com>
Sent: Wednesday, June 12, 2024 4:09 PM

To: Public Information Services <publicinformationservices@tssa.org>
Subject: Request for Information- Phase One ESA

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

We are preparing a Phase One Environmental Site Assessment for 9380 Burwash Road, Baltimore, Ontario. This site is agricultural lands. Could you please confirm if there are any records for this site?

Thank-you,
Lisa

Lisa Gardiner (she/her)
B.Sc., A.Sc.T., PMP
Project Manager

GHD
Proudly employee-owned | ghd.com
347 Pido Road Unit 29 Peterborough Ontario K9J 6X7 Canada
D +1 249 494 0590 | **M** +1 705 933 6356 | **E** lisa.gardiner@ghd.com

(Available Monday to Friday 8:30am – 5pm)

The Power of Commitment

Connect

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DATABASE REPORT

Project Property:	*9380 Burwash Rd Phase One ESA* *9380 Burwash Rd* *Baltimore ON K0K 1C0*
Project No:	*12639057-02*
Report Type:	*RSC Report - Quote*
Order No:	*24061200830*
Requested by:	*GHD Limited*
Date Completed:	*June 17, 2024*

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

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Executive Summary

Property Information:

Project Property:	*9380 Burwash Rd Phase One ESA* *9380 Burwash Rd Baltimore ON K0K 1C0*
Project No:	*12639057-02*

Order Information:

Order No:	*24061200830*
Date Requested:	*June 12, 2024*
Requested by:	*GHD Limited*
Report Type:	*RSC Report - Quote*

Historical/Products:

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

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	1	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	11	11
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	13	13
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	44	44

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
Total:			0	72	72

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 7 con 3 ON **Well ID:** 4507659	WNW/22.5	-36.75	25
2	WWIS		lot 8 con 3 ON **Well ID:** 4510007	SW/28.6	-2.36	28
3	WWIS		lot 8 con 3 ON **Well ID:** 4505549	SW/36.0	-2.36	32
3	WWIS		lot 8 con 3 ON **Well ID:** 4505550	SW/36.0	-2.36	35
4	WWIS		CONCESSION 2 PART LOT 6 lot 6 con 2 BALTIMORE ON **Well ID:** 7391222	SE/49.5	-11.44	38
5	WWIS		lot 8 con 3 ON **Well ID:** 4507556	SW/62.8	-4.42	41
6	WWIS		lot 8 con 3 ON **Well ID:** 4504153	SW/71.2	-6.00	45
7	WWIS		lot 7 con 3 ON **Well ID:** 4505627	NW/74.7	-36.06	49
8	WWIS		lot 8 con 3 ON **Well ID:** 4503746	SSW/80.1	-6.93	52
9	WWIS		lot 7 con 2 ON **Well ID:** 4511948	SSW/83.9	-8.02	55
10	PES	755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	9347 BURWASH RD BALTIMORE ON K0K1C0	SSW/102.3	-15.33	58
10	PES	UNITED PEST CONTROL-PLUS	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	SSW/102.3	-15.33	58

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	PES	1199563 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD. BALTIMORE ON K0K1C0	SSW/102.3	-15.33	59
10	PES	1199563 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD. BOX 218 BALTIMORE ON K0K1C0	SSW/102.3	-15.33	59
10	PES	UNITED PEST CONTROL-PLUS	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	SSW/102.3	-15.33	59
10	PES	1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD. BOX 218 BALTIMORE ON K0K1C0	SSW/102.3	-15.33	60
10	PES	1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD BALTIMORE ON K0K 1C0	SSW/102.3	-15.33	60
10	PES	1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD BALTIMORE ON K0K1C0	SSW/102.3	-15.33	61
10	PES	CERTIFIED PEST CONTROL	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	SSW/102.3	-15.33	61
10	PES	1799872 ONTARIO LIMITED	9347 Burwash RD BALTIMORE ON K0K 1C0	SSW/102.3	-15.33	61
10	PES	755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	9347 BURWASH RD BALTIMORE ON K0K1C0	SSW/102.3	-15.33	62
10	PES	755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	9347 BURWASH RD BALTIMORE ON K0K1C0	SSW/102.3	-15.33	62
10	PES	CERTIFIED PEST CONTROL	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	SSW/102.3	-15.33	63
11	WWIS		lot 7 con 2 ON ***Well ID:*** 4509369	SSW/103.7	-10.92	63

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	WWIS		GULLY RD lot 8 con 3 ON ***Well ID:*** 4514626	SSW/106.2	-9.56	67
13	WWIS		lot 7 con 3 ON ***Well ID:*** 4505111	WNW/111.7	-41.81	68
14	WWIS		lot 7 con 2 ON ***Well ID:*** 4512440	SSW/115.0	-10.92	72
15	WWIS		lot 8 con 3 ON ***Well ID:*** 4500787	SW/119.7	-9.63	74
16	WWIS		lot 8 con 3 ON ***Well ID:*** 4500786	SW/125.0	-10.45	77
17	WWIS		lot 8 con 3 ON ***Well ID:*** 4513604	WNW/126.6	-43.54	80
18	WWIS		lot 7 con 3 ON ***Well ID:*** 4508020	NNW/137.6	-25.72	83
19	GEN	D.L. Services Inc.	9377 McDougall Road Hamilton Twp., Cty. Northumberland Baltimore ON K0K 1C0	NW/144.6	-39.48	87
19	SPL	denied s. 21(1)	9377 McDougall Rd Hamilton ON	NW/144.6	-39.48	87
20	EHS		Community Centre Rd Baltimore ON K0K 1C0	ESE/149.1	-11.00	88
21	SPL	Kawartha Pine Ridge District School Board	9320 Burwash Road Hamilton ON	SW/150.3	-15.57	88
21	SPL	Kawartha Pine Ridge District School Board	9320 Burwash Road Hamilton ON	SW/150.3	-15.57	89
21	GEN	Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON	SW/150.3	-15.57	90

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
21	GEN	Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON K0K 1C0	SW/150.3	-15.57	90
21	GEN	Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON K0K 1C0	SW/150.3	-15.57	91
21	GEN	Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON K0K 1C0	SW/150.3	-15.57	91
21	GEN	KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD	9320 BURWASH ROAD BALTIMORE ON K0K 1C0	SW/150.3	-15.57	92
21	GEN	KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD	9320 BURWASH ROAD BALTIMORE ON K0K 1C0	SW/150.3	-15.57	92
22	WWIS		lot 7 con 3 ON ***Well ID:*** 4503348	NW/169.9	-34.31	92
23	WWIS		0 Community Center Rd. lot 6 con 2 Baltimore ON ***Well ID:*** 7388684	SE/173.5	4.03	95
24	WWIS		lot 7 con 2 ON ***Well ID:*** 4509438	S/180.0	-20.36	104
25	WWIS		lot 5 con 2 ON ***Well ID:*** 4510530	ESE/181.3	-9.49	107
26	WWIS		9320 BURWASH RD (BALTIMORE PUBLIC SCHOOL) lot 6 con 3 BALTIMORE ON ***Well ID:*** 4514323	SW/184.6	-20.64	110
27	WWIS		lot 8 con 3 ON ***Well ID:*** 4504155	WSW/193.2	-33.05	112
28	WWIS		lot 7 con 3 ON ***Well ID:*** 4502656	NNW/195.7	-24.66	116
29	WWIS		lot 6 con 12 ON ***Well ID:*** 4506579	SE/196.0	8.01	119

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
30	WWIS		9313 BURWASH RD BALTIMORE ON ***Well ID:*** 7351921	SW/201.2	-20.02	122
31	WWIS		9473 COMMUNITY CENTER RD lot 5 con 2 ON ***Well ID:*** 7212191	ESE/209.2	-7.73	129
32	WWIS		lot 7 con 2 ON ***Well ID:*** 4506045	SSW/218.5	-25.56	136
33	WWIS		lot 6 con 3 ON ***Well ID:*** 4506653	NW/225.1	-37.30	139
34	WWIS		HWY 45 # 4923 lot 20 con 3 BALTIMORE ON ***Well ID:*** 4513902	WSW/226.8	-36.79	143
35	WWIS		lot 8 con 3 ON ***Well ID:*** 4510316	W/253.3	-40.26	147
36	WWIS		CONCESSION 2 PAST LOT 6 lot 6 con 2 BALTIMORE ON ***Well ID:*** 7391219	SSE/257.3	7.36	151
37	WWIS		4933 COUNTY RD 45 lot 7 con 3 ON ***Well ID:*** 7175326	WSW/258.8	-44.83	155
38	WWIS		4933 COUNTY ROAD 45 BALTIMORE ON ***Well ID:*** 7170738	WSW/262.7	-40.00	162
39	WWIS		lot 8 con 3 ON ***Well ID:*** 4505972	WNW/264.6	-20.63	165
40	WWIS		9493 Community Centre Rd. (next to) lot 5 con 2 BALTIMORE ON ***Well ID:*** 7373405	ESE/278.2	-5.36	168
41	GEN	861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	W/279.2	-35.75	176
41	GEN	861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	W/279.2	-35.75	176

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
41	GEN	861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	W/279.2	-35.75	177
41	GEN	861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	W/279.2	-35.75	177
42	WWIS		9473 COMMUNITY CENTER RD lot 6 con 2 BALTIMORE ON ***Well ID:*** 7373420	ESE/285.1	10.39	178
43	WWIS		lot 7 con 2 ON ***Well ID:*** 4504287	S/286.7	-20.05	186
44	WWIS		lot 8 con 3 ON ***Well ID:*** 4510119	WSW/287.3	-42.79	190
45	WWIS		0 Community Center Rd. lot 6 con 2 Baltimore ON ***Well ID:*** 7388683	SSE/289.5	9.82	194
46	WWIS		lot 6 con 3 ON ***Well ID:*** 4506684	NNE/292.7	-2.55	202
46	WWIS		lot 6 con 3 ON ***Well ID:*** 4506869	NNE/292.7	-2.55	205
47	WWIS		lot 6 con 3 ON ***Well ID:*** 4511706	NNE/292.7	-2.55	208

Executive Summary: Summary By Data Source

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 1 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Community Centre Rd Baltimore ON K0K 1C0	149.1	20

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 11 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
D.L. Services Inc.	9377 McDougall Road Hamilton Twp., Cty. Northumberland Baltimore ON K0K 1C0	144.6	19
Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON K0K 1C0	150.3	21
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD	9320 BURWASH ROAD BALTIMORE ON K0K 1C0	150.3	21
Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON K0K 1C0	150.3	21
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD	9320 BURWASH ROAD BALTIMORE ON K0K 1C0	150.3	21
Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON K0K 1C0	150.3	21

Site	Address	Distance (m)	Map Key
Kawartha Pine Ridge District School Board	9320 Burwash Road Baltimore ON	150.3	21
861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	279.2	41
861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	279.2	41
861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	279.2	41
861178 Ontario Ltd.	2896 Harwood Road Baltimore ON K0K 1C0	279.2	41

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Apr 30, 2024 has found that there are 13 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD. BOX 218 BALTIMORE ON K0K1C0	102.3	10
UNITED PEST CONTROL-PLUS	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	102.3	10
1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD BALTIMORE ON K0K1C0	102.3	10
CERTIFIED PEST CONTROL	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	102.3	10
1799872 ONTARIO LIMITED	9347 Burwash RD BALTIMORE ON K0K 1C0	102.3	10

Site	Address	Distance (m)	Map Key
755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	9347 BURWASH RD BALTIMORE ON K0K1C0	102.3	10
755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	9347 BURWASH RD BALTIMORE ON K0K1C0	102.3	10
CERTIFIED PEST CONTROL	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	102.3	10
1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD BALTIMORE ON K0K 1C0	102.3	10
1199563 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD. BALTIMORE ON K0K1C0	102.3	10
1199563 ONTARIO LIMITED/CERTIFIED PEST CONTROL	9347 BURWASH RD. BOX 218 BALTIMORE ON K0K1C0	102.3	10
755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	9347 BURWASH RD BALTIMORE ON K0K1C0	102.3	10
UNITED PEST CONTROL-PLUS	BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	102.3	10

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 3 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
denied s. 21(1)	9377 McDougall Rd Hamilton ON	144.6	19

Site	Address	Distance (m)	Map Key
Kawartha Pine Ridge District School Board	9320 Burwash Road Hamilton ON	150.3	21
Kawartha Pine Ridge District School Board	9320 Burwash Road Hamilton ON	150.3	21

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 44 WWIS site(s) within approximately 0.30 kilometers of the project property.

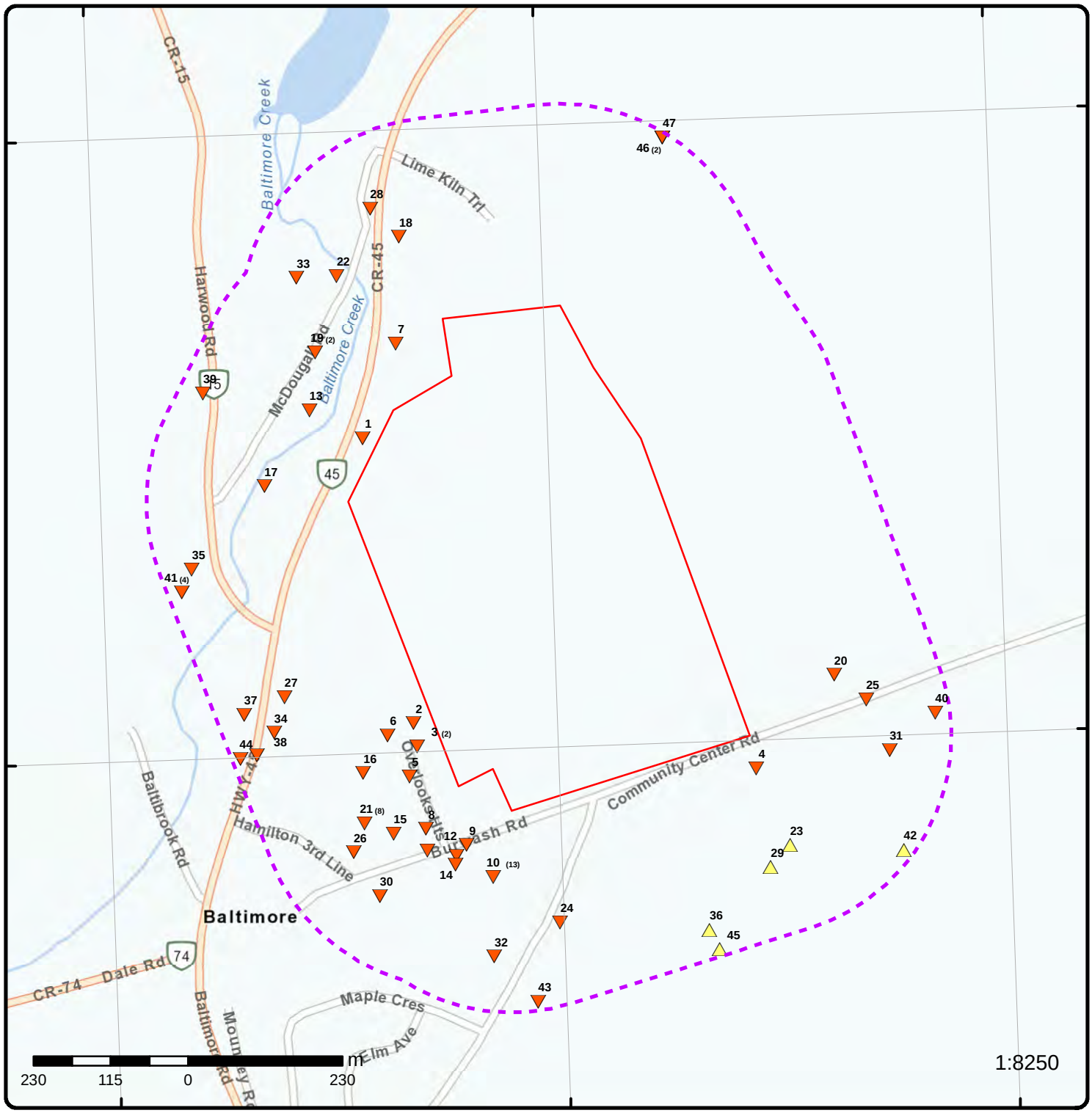
Site	Address	Distance (m)	Map Key
	lot 7 con 3 ON ***Well ID:*** 4507659	22.5	1
	lot 8 con 3 ON ***Well ID:*** 4510007	28.6	2
	lot 8 con 3 ON ***Well ID:*** 4505549	36.0	3
	lot 8 con 3 ON ***Well ID:*** 4505550	36.0	3
	CONCESSION 2 PART LOT 6 lot 6 con 2 BALTIMORE ON ***Well ID:*** 7391222	49.5	4
	lot 8 con 3 ON ***Well ID:*** 4507556	62.8	5
	lot 8 con 3 ON ***Well ID:*** 4504153	71.2	6
	lot 7 con 3 ON	74.7	7

Site	Address	Distance (m)	Map Key
	Well ID: 4505627		
	lot 8 con 3 ON ***Well ID:*** 4503746	80.1	8
	lot 7 con 2 ON ***Well ID:*** 4511948	83.9	9
	lot 7 con 2 ON ***Well ID:*** 4509369	103.7	11
	GULLY RD lot 8 con 3 ON ***Well ID:*** 4514626	106.2	12
	lot 7 con 3 ON ***Well ID:*** 4505111	111.7	13
	lot 7 con 2 ON ***Well ID:*** 4512440	115.0	14
	lot 8 con 3 ON ***Well ID:*** 4500787	119.7	15
	lot 8 con 3 ON ***Well ID:*** 4500786	125.0	16
	lot 8 con 3 ON ***Well ID:*** 4513604	126.6	17
	lot 7 con 3 ON ***Well ID:*** 4508020	137.6	18
	lot 7 con 3 ON ***Well ID:*** 4503348	169.9	22

Site	Address	Distance (m)	Map Key
	0 Community Center Rd. lot 6 con 2 Baltimore ON ***Well ID:*** 7388684	173.5	23
	lot 7 con 2 ON ***Well ID:*** 4509438	180.0	24
	lot 5 con 2 ON ***Well ID:*** 4510530	181.3	25
	9320 BURWASH RD (BALTIMORE PUBLIC SCHOOL) lot 6 con 3 BALTIMORE ON ***Well ID:*** 4514323	184.6	26
	lot 8 con 3 ON ***Well ID:*** 4504155	193.2	27
	lot 7 con 3 ON ***Well ID:*** 4502656	195.7	28
	lot 6 con 12 ON ***Well ID:*** 4506579	196.0	29
	9313 BURWASH RD BALTIMORE ON ***Well ID:*** 7351921	201.2	30
	9473 COMMUNITY CENTER RD lot 5 con 2 ON ***Well ID:*** 7212191	209.2	31
	lot 7 con 2 ON ***Well ID:*** 4506045	218.5	32
	lot 6 con 3 ON ***Well ID:*** 4506653	225.1	33
	HWY 45 # 4923 lot 20 con 3 BALTIMORE ON	226.8	34

Site	Address	Distance (m)	Map Key
	Well ID: 4513902		
	lot 8 con 3 ON ***Well ID:*** 4510316	253.3	35
	CONCESSION 2 PAST LOT 6 lot 6 con 2 BALTIMORE ON ***Well ID:*** 7391219	257.3	36
	4933 COUNTY RD 45 lot 7 con 3 ON ***Well ID:*** 7175326	258.8	37
	4933 COUNTY ROAD 45 BALTIMORE ON ***Well ID:*** 7170738	262.7	38
	lot 8 con 3 ON ***Well ID:*** 4505972	264.6	39
	9493 Community Centre Rd. (next to) lot 5 con 2 BALTIMORE ON ***Well ID:*** 7373405	278.2	40
	9473 COMMUNITY CENTER RD lot 6 con 2 BALTIMORE ON ***Well ID:*** 7373420	285.1	42
	lot 7 con 2 ON ***Well ID:*** 4504287	286.7	43
	lot 8 con 3 ON ***Well ID:*** 4510119	287.3	44
	0 Community Center Rd. lot 6 con 2 Baltimore ON ***Well ID:*** 7388683	289.5	45
	lot 6 con 3 ON ***Well ID:*** 4506684	292.7	46

Site	Address	Distance (m)	Map Key
	lot 6 con 3 ON ***Well ID:*** 4506869	292.7	**46**
	lot 6 con 3 ON ***Well ID:*** 4511706	292.7	**47**



Map: 0.3 Kilometer Radius

Order Number: 24061200830

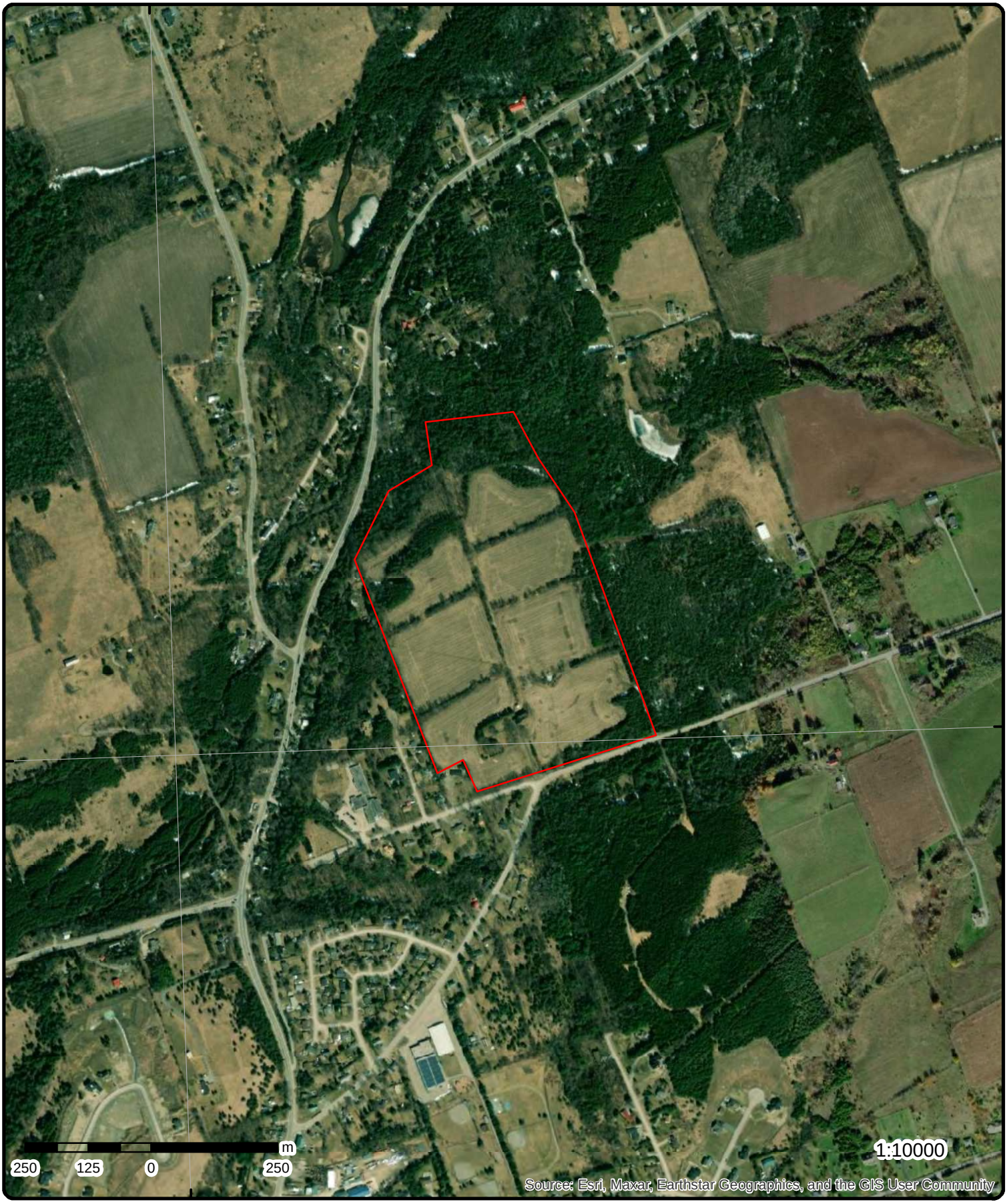
Address: 9380 Burwash Rd, Baltimore, ON

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

Source: © 2021 ESRI StreetMap Premium.

© ERIS Information Limited Partnership

78°9'W



Aerial

Year: 2021

Order Number: 24061200830

Address: 9380 Burwash Rd, Baltimore, ON

Source: ESRI World Imagery

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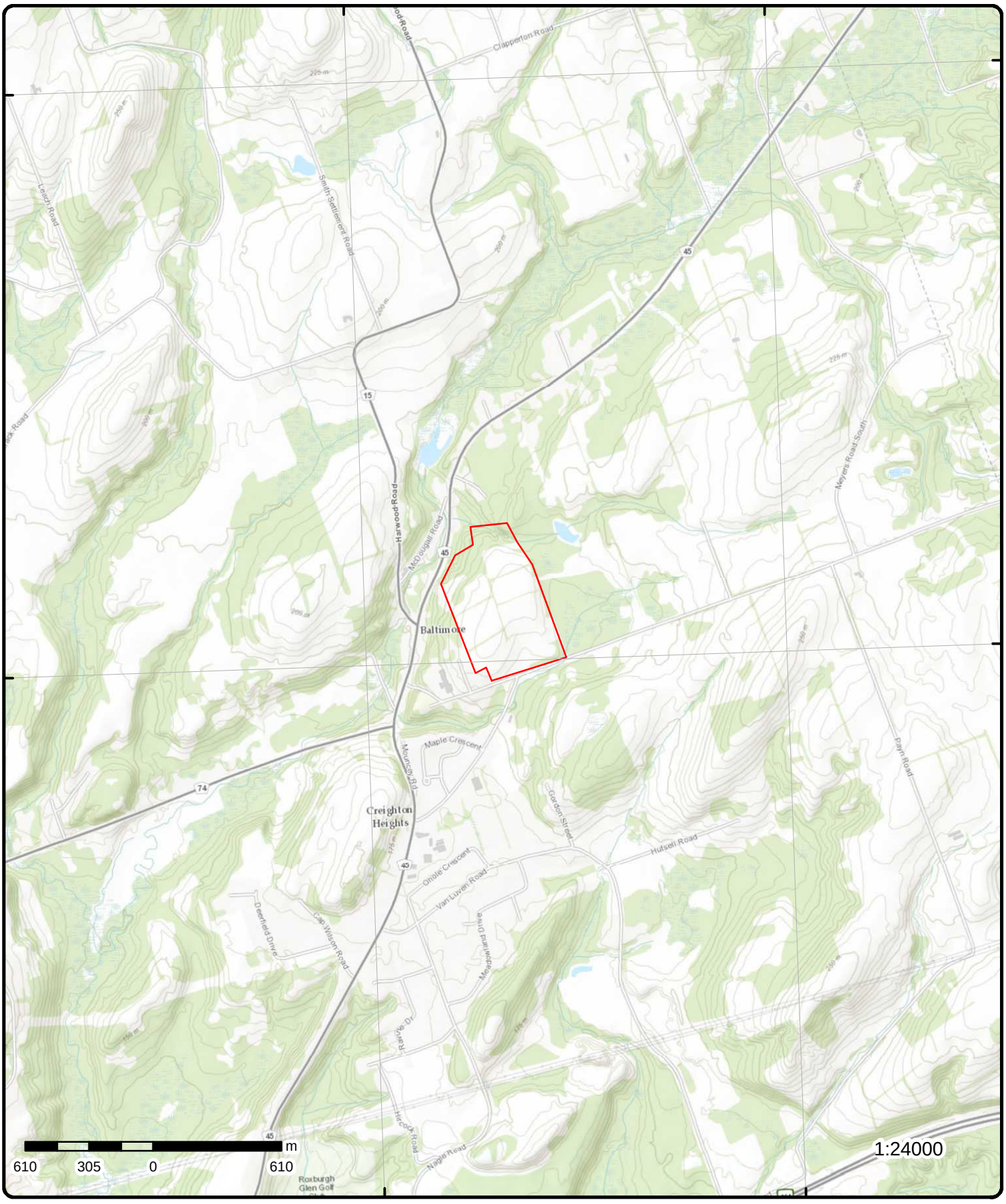

Topographic Map

Address: 9380 Burwash Rd, ON

Source: ESRI World Topographic Map

Order Number: 24061200830

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	WNW/22.5	159.1 / -36.75	lot 7 con 3 ON	WWIS

Well ID:	4507659	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/20/1989
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	NA	**Contractor:**	2104
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4507659.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/08/1989
Year Completed:	1989
Depth (m):	12.4968
Latitude:	44.0292182585566
Longitude:	-78.1451755541668
X:	-78.14517540078384
Y:	44.02921825467482
Path:	450\4507659.pdf

Bore Hole Information

Bore Hole ID:	10286387	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728774.00
Code OB Desc:		**North83:**	4879081.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	02/08/1989	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931918169
Layer:	2
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	12
Material 2 Desc:	STONES
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	12.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931918168
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931918171
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	31
Material 2 Desc:	COARSE GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	37.0
Formation End Depth:	41.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931918170
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	09
Material 1 Desc:	MEDIUM SAND

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964507659
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10834957
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930475887
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 39.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933353995
Layer: 1
Slot: 012
Screen Top Depth: 32.0
Screen End Depth: 36.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994507659
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 25.0
Recommended Pump Depth: 35.0
Pumping Rate: 7.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	35
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934776652
Test Type:	Draw Down
Test Duration:	45
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935028816
Test Type:	Draw Down
Test Duration:	60
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934512599
Test Type:	Draw Down
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934239725
Test Type:	Draw Down
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

Water Details

Water ID:	933756947
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	38.0
Water Found Depth UOM:	ft

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2 ***1 of 1*** ***SW/28.6*** ***193.5 / -2.36*** ***lot 8 con 3 ON*** ***WWIS***

Well ID:	4510007	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	07/08/1993
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	134174	***Contractor:***	2104
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	008

Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4510007.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/04/1993
Year Completed:	1993
Depth (m):	86.868
Latitude:	44.0253818473326
Longitude:	-78.1444115309118
X:	-78.14441137702484
Y:	44.025381842976394
Path:	451\4510007.pdf

Bore Hole Information

Bore Hole ID:	10288729	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728850.00
Code OB Desc:		**North83:**	4878657.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	06/04/1993	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931928072
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928073

Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	278.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928071
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928074
Layer:	4
Color:	2
General Color:	GREY
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	278.0
Formation End Depth:	285.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964510007
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10837299
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930478483
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	285.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994510007
Pump Set At:	
Static Level:	150.0
Final Level After Pumping:	185.0
Recommended Pump Depth:	250.0
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:	2
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934519608
Test Type:	Draw Down
Test Duration:	30
Test Level:	185.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935026190
Test Type:	Draw Down
Test Duration:	60
Test Level:	185.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934775139
Test Type:	Draw Down
Test Duration:	45
Test Level:	185.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934237701
Test Type:	Draw Down
Test Duration:	15
Test Level:	185.0

Test Level UOM: ft

Water Details

Water ID: 933759387
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 278.0
Water Found Depth UOM: ft

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3 | ***1 of 2*** | ***SW/36.0*** | ***193.5 / -2.36*** | ***lot 8 con 3 ON*** | ***WWIS***

Well ID:	4505549	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Livestock	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	02/06/1981
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4635
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4505549.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/24/1980
Year Completed: 1980
Depth (m): 17.6784
Latitude: 44.025074457999
Longitude: -78.1443601681561
X: -78.14436001409486
Y: 44.02507445339895
Path: 450\4505549.pdf

Bore Hole Information

Bore Hole ID:	10284291	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	728855.30
Code OB Desc:		***North83:***	4878623.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	09/24/1980	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931909818
Layer: 4
Color: 6
General Color: BROWN
Material 1: 31
Material 1 Desc: COARSE GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 55.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931909817
Layer: 3
Color: 6
General Color: BROWN
Material 1: 29
Material 1 Desc: FINE GRAVEL
Material 2: 08
Material 2 Desc: FINE SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 37.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931909815
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931909816
Layer: 2
Color: 1

General Color:	WHITE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964505549
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10832861
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930473652
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994505549
Pump Set At:	
Static Level:	11.0
Final Level After Pumping:	54.0
Recommended Pump Depth:	
Pumping Rate:	6.0
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:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933754616
Layer:	1

Kind Code:	2
Kind:	SALTY
Water Found Depth:	55.0
Water Found Depth UOM:	ft

3 **2 of 2** **SW/36.0** **193.5 / -2.36** **lot 8 con 3 ON** **WWIS**

Well ID:	4505550	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Livestock	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/06/1981
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4635
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4505550.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/15/1980
Year Completed:	1980
Depth (m):	78.6384
Latitude:	44.025074457999
Longitude:	-78.1443601681561
X:	-78.14436001409486
Y:	44.02507445339895
Path:	450\4505550.pdf

Bore Hole Information

Bore Hole ID:	10284292	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728855.30
Code OB Desc:		**North83:**	4878623.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/15/1980	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931909822
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	10
Material 1 Desc:	COARSE SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	253.0
Formation End Depth:	258.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931909819
Layer:	1
Color:	
General Color:	
Material 1:	23
Material 1 Desc:	PREVIOUSLY DUG
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931909821
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	210.0
Formation End Depth:	253.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931909820
Layer:	2
Color:	1
General Color:	WHITE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	

Formation Top Depth:	58.0
Formation End Depth:	210.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964505550
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10832862
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930473653
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	258.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933353587
Layer:	1
Slot:	012
Screen Top Depth:	251.0
Screen End Depth:	258.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994505550
Pump Set At:	
Static Level:	130.0
Final Level After Pumping:	177.0
Recommended Pump Depth:	
Pumping Rate:	20.0
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:	2
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

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

Water Details

Water ID:	933754617
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	253.0
Water Found Depth UOM:	ft

4 | ***1 of 1*** | ***SE/49.5*** | ***184.4 / -11.44*** | ***CONCESSION 2 PART LOT 6 lot 6 con 2 BALTIMORE ON*** | ***WWIS***

Well ID:	7391222	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring and Test Hole	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Monitoring and Test Hole	***Date Received:***	06/29/2021
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z364334	***Contractor:***	7241
Tag:	A311820	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	006
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008704676	***Tag No:***	A311820
Depth M:		***Contractor:***	7241
Year Completed:	2021	***Latitude:***	44.0246202112067
Well Completed Dt:	05/04/2021	***Longitude:***	-78.1380846139962
Audit No:	Z364334	***Y:***	44.02462020644105
Path:		***X:***	-78.13808446014345

Bore Hole Information

Bore Hole ID:	1008704676	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	729360.00
Code OB Desc:		***North83:***	4878590.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	05/04/2021	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1009852655
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009852656
Layer:	3
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	06
Material 2 Desc:	SILT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	13.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009852654
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009853741
Layer:	1
Plug From:	0.0
Plug To:	6.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009853742
Layer: 2
Plug From: 6.0
Plug To: 2.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009853743
Layer: 3
Plug From: 2.0
Plug To: 13.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009854925
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 1009765092
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009855310
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 3.0
Casing Diameter: 2.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1009855703
Layer: 1
Slot: 10
Screen Top Depth: 3.0
Screen End Depth: 13.0
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: Inch
Screen Diameter: 2.25

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009856185
Pump Set At:
Static Level:

Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Hole Diameter

Hole ID:	1009854504
Diameter:	6.0
Depth From:	0.0
Depth To:	13.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

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5 | ***1 of 1*** | ***SW/62.8*** | ***191.4 / -4.42*** | ***lot 8 con 3 ON*** | ***WWIS***

Well ID:	4507556	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/14/1988
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	50043	***Contractor:***	2104
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4507556.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/06/1988
Year Completed:	1988
Depth (m):	76.5048
Latitude:	44.024673328266
Longitude:	-78.1445204358216
X:	-78.14452028250753
Y:	44.024673323745176
Path:	450\4507556.pdf

Bore Hole Information

Bore Hole ID:	10286285	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728844.00
Code OB Desc:		**North83:**	4878578.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	12/06/1988	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931917764
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	30.0
Formation End Depth:	31.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931917765
Layer:	4
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	31.0
Formation End Depth:	200.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931917766
Layer:	5
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	

Material 3 Desc:
Formation Top Depth: 200.0
Formation End Depth: 230.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931917763
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 3.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931917768
Layer: 7
Color: 6
General Color: BROWN
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 245.0
Formation End Depth: 251.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931917767
Layer: 6
Color: 2
General Color: GREY
Material 1: 30
Material 1 Desc: MEDIUM GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 230.0
Formation End Depth: 245.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931917762
Layer: 1
Color: 6

General Color:	BROWN
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964507556
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10834855
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930475777
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	248.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933353975
Layer:	1
Slot:	020
Screen Top Depth:	242.0
Screen End Depth:	246.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994507556
Pump Set At:	
Static Level:	90.0
Final Level After Pumping:	150.0
Recommended Pump Depth:	200.0
Pumping Rate:	18.0
Flowing Rate:	
Recommended Pump Rate:	18.0
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:	934239222
Test Type:	Draw Down
Test Duration:	15
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934512515
Test Type:	Draw Down
Test Duration:	30
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934776152
Test Type:	Draw Down
Test Duration:	45
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935028734
Test Type:	Draw Down
Test Duration:	60
Test Level:	150.0
Test Level UOM:	ft

Water Details

Water ID:	933756838
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	248.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 1	SW/71.2	189.8 / -6.00	lot 8 con 3 ON	WWIS

Well ID:	4504153	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/11/1975
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2104
Tag:		**Form Version:**	1

Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4504153.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/04/1975
Year Completed:	1975
Depth (m):	74.0664
Latitude:	44.0252320492278
Longitude:	-78.1449016109553
X:	-78.1449014572745
Y:	44.02523204491568
Path:	450\4504153.pdf

Bore Hole Information

Bore Hole ID:	10283012	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728811.30
Code OB Desc:		**North83:**	4878639.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/04/1975	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931905261
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	13
Material 1 Desc:	BOULDERS
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931905263
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	80.0
Formation End Depth:	240.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931905264
Layer:	4
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	240.0
Formation End Depth:	243.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931905262
Layer:	2
Color:	2
General Color:	GREY
Material 1:	12
Material 1 Desc:	STONES
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964504153
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10831582
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930472178
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	239.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933353311
Layer:	1
Slot:	020
Screen Top Depth:	239.0
Screen End Depth:	243.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994504153
Pump Set At:	
Static Level:	120.0
Final Level After Pumping:	130.0
Recommended Pump Depth:	150.0
Pumping Rate:	10.0
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:	2
Pumping Duration HR:	3
Pumping Duration MIN:	30
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934237961
Test Type:	Draw Down
Test Duration:	15
Test Level:	130.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935027479
Test Type:	Draw Down
Test Duration:	60
Test Level:	130.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934510712
Test Type:	Draw Down
Test Duration:	30
Test Level:	130.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934766440
Test Type:	Draw Down
Test Duration:	45
Test Level:	130.0
Test Level UOM:	ft

Water Details

Water ID:	933753294
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	240.0
Water Found Depth UOM:	ft

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7 | ***1 of 1*** | ***NW/74.7*** | ***159.8 / -36.06*** | ***lot 7 con 3 ON*** | ***WWIS***

Well ID:	4505627	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	09/11/1981
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3129
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4505627.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/22/1981
Year Completed:	1981
Depth (m):	6.096
Latitude:	44.0304708945043
Longitude:	-78.1445039213065
X:	-78.14450376738563
Y:	44.03047089095366
Path:	450\4505627.pdf

Bore Hole Information

Bore Hole ID:	10284367	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	728823.00
Code OB Desc:		***North83:***	4879222.00
Open Hole:		***Org CS:***	N83
Cluster Kind:		***UTMRC:***	3
Date Completed:	04/22/1981	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931910126
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931910127
Layer:	3
Color:	
General Color:	
Material 1:	10
Material 1 Desc:	COARSE SAND
Material 2:	91
Material 2 Desc:	WATER-BEARING
Material 3:	
Material 3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931910125
Layer:	1
Color:	
General Color:	
Material 1:	02

Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964505627
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10832937
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930473733
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	20.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994505627
Pump Set At:	
Static Level:	7.0
Final Level After Pumping:	18.0
Recommended Pump Depth:	17.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934241876
Test Type:	Recovery
Test Duration:	15
Test Level:	12.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934514626
Test Type: Recovery
Test Duration: 30
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934770342
Test Type: Recovery
Test Duration: 45
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935031400
Test Type: Recovery
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Water Details

Water ID: 933754697
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 10.0
Water Found Depth UOM: ft

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8 | **1 of 1** | **SSW/80.1** | **188.9 / -6.93** | **lot 8 con 3 ON** | **WWIS**

Well ID: 4503746
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/10/1974
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3129
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 008
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4503746.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/01/1974
Year Completed:	1974
Depth (m):	6.096
Latitude:	44.023964356226
Longitude:	-78.1442512963054
X:	-78.14425114290468
Y:	44.02396435162699
Path:	450\4503746.pdf

Bore Hole Information

Bore Hole ID:	10282645	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	728868.30
Code OB Desc:		***North83:***	4878500.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	05/01/1974	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	931904037
Layer:	2
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931904038
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931904036
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964503746
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10831215
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930471722
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	20.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994503746
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	19.0
Recommended Pump Depth:	19.0
Pumping Rate:	7.0
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:	2
Pumping Duration HR:	1

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934764894
Test Type: Draw Down
Test Duration: 45
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935025927
Test Type: Draw Down
Test Duration: 60
Test Level: 19.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934509581
Test Type: Draw Down
Test Duration: 30
Test Level: 13.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934236827
Test Type: Draw Down
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Water Details

Water ID: 933752916
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 8.0
Water Found Depth UOM: ft

9	1 of 1	SSW/83.9	187.8 / -8.02	lot 7 con 2 ON	WWIS

Well ID: 4511948
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: 199731
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/1999
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6874
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 007
Concession: 02
Concession Name: CON

Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4511948.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/23/1999
Year Completed:	1999
Depth (m):	12.8016
Latitude:	44.0237296169538
Longitude:	-78.1435052032914
X:	-78.14350504920293
Y:	44.02372961273685
Path:	451\4511948.pdf

Bore Hole Information

Bore Hole ID:	10290665	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728929.00
Code OB Desc:		**North83:**	4878476.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	09/23/1999	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931936785
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964511948
Method Construction Code:	1
Method Construction:	Cable Tool

Other Method Construction:

Pipe Information

Pipe ID: 10839235
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930480914
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 42.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994511948
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 42.0
Recommended Pump Depth: 41.0
Pumping Rate:
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: 3
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934517522
Test Type: Recovery
Test Duration: 30
Test Level: 44.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934773043
Test Type: Recovery
Test Duration: 45
Test Level: 44.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935041759
Test Type: Recovery

Test Duration: 60
Test Level: 41.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934244408
Test Type: Recovery
Test Duration: 15
Test Level: 41.0
Test Level UOM: ft

Water Details

Water ID: 933761653
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 42.0
Water Found Depth UOM: ft

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10 | ***1 of 13*** | ***SSW/102.3*** | ***180.5 / -15.33*** | ***755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD***
9347 BURWASH RD
BALTIMORE ON K0K1C0 | ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code: 02
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box: 218
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

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10 | ***2 of 13*** | ***SSW/102.3*** | ***180.5 / -15.33*** | ***UNITED PEST CONTROL-PLUS***
BOX 218, 9347 BURWASH RD
BALTIMORE ON KOK1CO | ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:

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

Region:
District:
County:
Trade Name:
PDF URL:

Post Office Box:
MOE District:
SWP Area Name:

10	3 of 13	SSW/102.3	180.5 / -15.33	1199563 ONTARIO LIMITED/CERTIFIED PEST CONTROL 9347 BURWASH RD. BALTIMORE ON K0K1C0	PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type:
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box: 218
Operator Class:
Operator No:
Operator Type: Operator
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

10	4 of 13	SSW/102.3	180.5 / -15.33	1199563 ONTARIO LIMITED/CERTIFIED PEST CONTROL 9347 BURWASH RD. BOX 218 BALTIMORE ON K0K1C0	PES

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box: 218
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

10	5 of 13	SSW/102.3	180.5 / -15.33	UNITED PEST CONTROL-PLUS BOX 218, 9347 BURWASH RD BALTIMORE ON KOK1CO	PES

Detail Licence No:
Licence No:

Operator Box:
Operator Class:

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

Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

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10 | ***6 of 13*** | ***SSW/102.3*** | ***180.5 / -15.33*** | ***1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL***
9347 BURWASH RD. BOX 218
BALTIMORE ON K0K1C0 | ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

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10 | ***7 of 13*** | ***SSW/102.3*** | ***180.5 / -15.33*** | ***1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL***
9347 BURWASH RD
BALTIMORE ON K0K 1C0 | ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:

Operator Box: 218
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

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

Trade Name:
PDF URL:

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10 **8 of 13** **SSW/102.3** **180.5 / -15.33** **1799872 ONTARIO LIMITED/CERTIFIED PEST CONTROL**
9347 BURWASH RD
BALTIMORE ON K0K1C0 **PES**

Detail Licence No:		**Operator Box:**	
Licence No:	05137	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Operator	**Oper Phone No:**	3734355
Licence Type Code:	02	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	3
Longitude:		**Operator District:**	
Lot:		**Operator County:**	19
Concession:		**Op Municipality:**	
Region:	3	**Post Office Box:**	
District:		**MOE District:**	
County:	19	**SWP Area Name:**	
Trade Name:			
PDF URL:			

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10 **9 of 13** **SSW/102.3** **180.5 / -15.33** **CERTIFIED PEST CONTROL**
BOX 218, 9347 BURWASH RD
BALTIMORE ON KOK1CO **PES**

Detail Licence No:		**Operator Box:**	
Licence No:	11165	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Limited Vendor	**Oper Phone No:**	3734355
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	4
Longitude:		**Operator District:**	
Lot:		**Operator County:**	51
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF URL:			

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10 **10 of 13** **SSW/102.3** **180.5 / -15.33** **1799872 ONTARIO LIMITED**
9347 Burwash RD
BALTIMORE ON K0K 1C0 **PES**

Detail Licence No:		**Operator Box:**	
Licence No:	L-240-1103621807	**Operator Class:**	
Status:	Active	**Operator No:**	
Approval Date:	2018-12-14	**Operator Type:**	
Report Source:	PEST-Operator	**Oper Area Code:**	
Licence Type:	Operator	**Oper Phone No:**	

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

Licence Type Code:		**Operator Ext:**	
Licence Class:		**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:	44.02305556	**Operator Region:**	
Longitude:	-78.14333333	**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	Peterborough
County:		**SWP Area Name:**	Ganaraska Region
Trade Name:			
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2111277		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	11 of 13	SSW/102.3	180.5 / -15.33	755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD 9347 BURWASH RD BALTIMORE ON K0K1C0	PES

Detail Licence No:		**Operator Box:**	218
Licence No:	03167	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Operator	**Oper Phone No:**	3734355
Licence Type Code:	01	**Operator Ext:**	
Licence Class:	05	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF URL:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	12 of 13	SSW/102.3	180.5 / -15.33	755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD 9347 BURWASH RD BALTIMORE ON K0K1C0	PES

Detail Licence No:	02-01-03167-0	**Operator Box:**	218
Licence No:	03167	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Operator	**Oper Phone No:**	3734355
Licence Type Code:	02	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Latitude:		**Operator Region:**	4
Longitude:		**Operator District:**	
Lot:		**Operator County:**	51
Concession:		**Op Municipality:**	
Region:	4	**Post Office Box:**	
District:		**MOE District:**	
County:	51	**SWP Area Name:**	
Trade Name:			
PDF URL:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	13 of 13	SSW/102.3	180.5 / -15.33	CERTIFIED PEST CONTROL BOX 218, 9347 BURWASH RD BALTIMORE ON K0K1C0	PES

Detail Licence No:		**Operator Box:**	
Licence No:	11165	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	905
Licence Type:	Retail Vendor Class 03	**Oper Phone No:**	3734355
Licence Type Code:	21	**Operator Ext:**	
Licence Class:	03	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF URL:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	SSW/103.7	184.9 / -10.92	lot 7 con 2 ON	WWIS

Well ID:	4509369	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	10/11/1991
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	88941	**Contractor:**	2553
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4509369.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/05/1991
Year Completed:	1991
Depth (m):	76.8096
Latitude:	44.0235904177831
Longitude:	-78.143699051591
X:	-78.14369889840417
Y:	44.02359041354033
Path:	450\4509369.pdf

Bore Hole Information

Bore Hole ID:	10288092	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728914.00
Code OB Desc:		**North83:**	4878460.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	09/05/1991	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931925196
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	99.0
Formation End Depth:	215.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931925195
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	08
Material 1 Desc:	FINE SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	98.0
Formation End Depth:	99.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931925197
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	08
Material 1 Desc:	FINE SAND
Material 2:	
Material 2 Desc:	

Material 3:
Material 3 Desc:
Formation Top Depth: 215.0
Formation End Depth: 252.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931925194
Layer: 2
Color: 2
General Color: GREY
Material 1: 14
Material 1 Desc: HARDPAN
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931925193
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964509369
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10836662
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930477768
Layer: 1
Material:
Open Hole or Material:
Depth From:

Depth To: 248.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933354325
Layer: 1
Slot: 008
Screen Top Depth: 248.0
Screen End Depth: 252.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994509369
Pump Set At:
Static Level: 69.0
Final Level After Pumping: 175.0
Recommended Pump Depth: 225.0
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: 20
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934508831
Test Type: Draw Down
Test Duration: 30
Test Level: 130.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934773421
Test Type: Draw Down
Test Duration: 45
Test Level: 140.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935033797
Test Type: Draw Down
Test Duration: 60
Test Level: 150.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934235966
Test Type:	Draw Down
Test Duration:	15
Test Level:	110.0
Test Level UOM:	ft

Water Details

Water ID:	933758717
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	248.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933758718
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	252.0
Water Found Depth UOM:	ft

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12 ***1 of 1*** ***SSW/106.2*** ***186.3 / -9.56*** ***GULLY RD lot 8 con 3 ON*** ***WWIS***

Well ID:	4514626	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Abandoned-Other	***Date Received:***	06/07/2006
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z26159	***Contractor:***	3903
Tag:		***Form Version:***	3
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4514626.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/20/2005
Year Completed:	2005
Depth (m):	
Latitude:	44.0236757618709
Longitude:	-78.1442314731168
X:	-78.14423131981255
Y:	44.02367575789526
Path:	451\4514626.pdf

Bore Hole Information

Bore Hole ID:	11554760	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	728871.00
Code OB Desc:		***North83:***	4878468.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	08/20/2005	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	964514626
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	11564367
Casing No:	1
Comment:	
Alt Name:	

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13 | ***1 of 1*** | ***WNW/111.7*** | ***154.0 / -41.81*** | ***lot 7 con 3 ON*** | ***WWIS***

Well ID:	4505111	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/23/1978
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	5102
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	007
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4505111.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/06/1978
Year Completed:	1978
Depth (m):	73.4568
Latitude:	44.0296204580225
Longitude:	-78.1461382926079
X:	-78.14613813930173
Y:	44.02962045354199
Path:	450\4505111.pdf

Bore Hole Information

Bore Hole ID:	10283932	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728695.30
Code OB Desc:		**North83:**	4879123.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/06/1978	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931908471
Layer:	1
Color:	
General Color:	
Material 1:	23
Material 1 Desc:	PREVIOUSLY DUG
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931908475
Layer:	5
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	238.0
Formation End Depth:	241.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931908472
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931908473
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	06
Material 2 Desc:	SILT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	90.0
Formation End Depth:	210.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931908474
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	210.0
Formation End Depth:	238.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964505111
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10832502

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930473237
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 238.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994505111
Pump Set At:
Static Level: 50.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 80.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 40
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934769222
Test Type: Recovery
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935030277
Test Type: Recovery
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934240747
Test Type: Recovery
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934513503
Test Type: Recovery
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933754231
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 240.0
Water Found Depth UOM: ft

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14 | **1 of 1** | **SSW/115.0** | **184.9 / -10.92** | **lot 7 con 2 ON** | **WWIS**

Well ID: 4512440
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 222370
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/27/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6874
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 007
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4512440.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/01/2000
Year Completed: 2000
Depth (m): 6.7056
Latitude: 44.0234738301046
Longitude: -78.1437171312812
X: -78.14371697790178
Y: 44.02347382571959
Path: 451\4512440.pdf

Bore Hole Information

Bore Hole ID: 10291157
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:

Elevation:
Elevrc:
Zone: 17
East83: 728913.00
North83: 4878447.00
Org CS: N83
UTMRC: 3

Date Completed: 11/01/2000
Remarks:
Location Method Desc:
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:

Overburden and Bedrock Materials Interval

Formation ID: 931938915
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964512440
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10839727
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930481553
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994512440
Pump Set At:
Static Level: 11.0
Final Level After Pumping: 22.0
Recommended Pump Depth: 21.0

Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	935034105
Test Type:	Recovery
Test Duration:	60
Test Level:	19.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934236749
Test Type:	Recovery
Test Duration:	15
Test Level:	21.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934519188
Test Type:	Recovery
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934774707
Test Type:	Recovery
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933762152
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	11.0
Water Found Depth UOM:	ft

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15 ***1 of 1*** ***SW/119.7*** ***186.2 / -9.63*** ***lot 8 con 3 ON*** ***WWIS***

Well ID:	4500787	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	07/04/1962

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2113
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4500787.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/28/1962
Year Completed:	1962
Depth (m):	16.4592
Latitude:	44.0239163720919
Longitude:	-78.1448525131394
X:	-78.1448523590834
Y:	44.023916367880126
Path:	450\4500787.pdf

Bore Hole Information

Bore Hole ID:	10279841	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728820.30
Code OB Desc:		**North83:**	4878493.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	03/28/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931894976
Layer:	3
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	09
Material 2 Desc:	MEDIUM SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	53.0
Formation End Depth:	54.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931894974
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931894975
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 53.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964500787
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10828411
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930467720
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994500787
Pump Set At:	
Static Level:	11.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	50.0
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	4.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933750129
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53.0
Water Found Depth UOM:	ft

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16 | ***1 of 1*** | ***SW/125.0*** | ***185.4 / -10.45*** | ***lot 8 con 3 ON*** | ***WWIS***

Well ID:	4500786	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Public	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	04/25/1960
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4713
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4500786.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/29/1960
Year Completed:	1960
Depth (m):	78.9432
Latitude:	44.0247397010138

Longitude: -78.1453744510469
X: -78.14537429709226
Y: 44.02473969641002
Path: 450\4500786.pdf

Bore Hole Information

Bore Hole ID: 10279840
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/29/1960
Remarks:
Elevation:
Elevrc:
Zone: 17
East83: 728775.30
North83: 4878583.00
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5
Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931894970
Layer: 2
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931894972
Layer: 4
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 212.0
Formation End Depth: 249.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931894971

Layer: 3
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 212.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931894969
Layer: 1
Color:
General Color:
Material 1: 23
Material 1 Desc: PREVIOUSLY DUG
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931894973
Layer: 5
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 249.0
Formation End Depth: 259.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964500786
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10828410
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930467718
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	249.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930467719
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	259.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994500786
Pump Set At:	
Static Level:	100.0
Final Level After Pumping:	150.0
Recommended Pump Depth:	135.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	6
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933750128
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	259.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
17	1 of 1	WNW/126.6	152.3 / -43.54	lot 8 con 3 ON	WWIS

Well ID:	4513604	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	11/18/2003
Water Type:		***Selected Flag:***	TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:	261577	**Contractor:**	7125
Tag:		**Form Version:**	2
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4513604.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/22/2003
Year Completed:	2003
Depth (m):	21.6408
Latitude:	44.0286252949937
Longitude:	-78.1470258723544
X:	-78.14702571861926
Y:	44.02862529035957
Path:	451\4513604.pdf

Bore Hole Information

Bore Hole ID:	11099040	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728628.00
Code OB Desc:		**North83:**	4879010.00
Open Hole:		**Org CS:**	N83a
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/22/2003	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	wc
Location Method Desc:	provided by Well Contractor; method likely gps but uncertain		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932947560
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	06
Material 2 Desc:	SILT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932947558
Layer:	1
Color:	2
General Color:	GREY
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	10
Material 2 Desc:	COARSE SAND
Material 3:	11
Material 3 Desc:	GRAVEL
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932947559
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	84
Material 2 Desc:	SILTY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246497
Layer:	3
Plug From:	29.0
Plug To:	70.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246495
Layer:	1
Plug From:	0.0
Plug To:	4.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933246496
Layer:	2
Plug From:	4.0
Plug To:	7.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964513604
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11102755
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930834519
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	72.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933407222
Layer:	1
Slot:	020
Screen Top Depth:	10.0
Screen End Depth:	82.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Water Details

Water ID:	934044325
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20.0
Water Found Depth UOM:	ft

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18 ***1 of 1*** ***NNW/137.6*** ***170.1 / -25.72*** ***lot 7 con 3 ON*** ***WWIS***

Well ID:	4508020	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	07/04/1989
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	54859	***Contractor:***	3129
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	

Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4508020.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/02/1989
Year Completed:	1989
Depth (m):	7.0104
Latitude:	44.0318990116449
Longitude:	-78.1443691564556
X:	-78.14436900204721
Y:	44.031899007812335
Path:	450\4508020.pdf

Bore Hole Information

Bore Hole ID:	10286747	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728828.30
Code OB Desc:		**North83:**	4879381.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	06/02/1989	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931919641
Layer:	5
Color:	
General Color:	
Material 1:	12
Material 1 Desc:	STONES
Material 2:	91
Material 2 Desc:	WATER-BEARING
Material 3:	
Material 3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931919638
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931919639
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931919640
Layer: 4
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 26
Material 2 Desc: ROCK
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931919637
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0

Formation End Depth: 1.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964508020
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10835317
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930476278
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 23.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994508020
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 10.0
Recommended Pump Depth: 21.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934777224
Test Type: Draw Down
Test Duration: 45
Test Level: 9.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934240858

Test Type: Draw Down
Test Duration: 15
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935029947
Test Type: Draw Down
Test Duration: 60
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934513736
Test Type: Draw Down
Test Duration: 30
Test Level: 8.0
Test Level UOM: ft

Water Details

Water ID: 933757314
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20.0
Water Found Depth UOM: ft

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19 ***1 of 2*** ***NW/144.6*** ***156.4 / -39.48*** ***D.L. Services Inc.***
9377 McDougall Road Hamilton Twp., Cty. Northumberland
Baltimore ON K0K 1C0 ***GEN***

Generator No: ON6410265
SIC Code: 562910
SIC Description: Remediation Services
Approval Years: 05,06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

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19 ***2 of 2*** ***NW/144.6*** ***156.4 / -39.48*** ***denied s. 21(1)***
9377 McDougall Rd
Hamilton ON ***SPL***

Ref No: 6350-6HLNS2
Year:
Incident Dt: 10/9/2005
Dt MOE Arvl on Scn:
Municipality No:
Nature of Damage:
Discharger Report: 0
Material Group: Oil

MOE Reported Dt:	10/28/2005	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Peterborough		
Nearest Watercourse:			
Site Name:	Clifford Sloos<UNOFFICIAL>		
Site Address:			
Site Region:			
Site Municipality:	Hamilton		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	Intent - Intentional or planned occurrence		
Incident Preceding Spill:			
Environment Impact:	Confirmed		
Health Env Consequence:			
Nature of Impact:	Soil Contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:	denied s. 21(1)		
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:	FURNACE OIL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Incident Reason:	Other - Reason not otherwise defined		
Incident Summary:	McDougall Rd- furnace oil to grd.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Other		
SAC Action Class:	TSSA - Fuel Safety Branch		
Call Report Locatn Geodata:			

20 | ***1 of 1*** | ***ESE/149.1*** | ***184.8 / -11.00*** | ***Community Centre Rd, Baltimore ON K0K 1C0*** | ***EHS***

Order No:	20190709128	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	NY
Report Date:	11-JUL-19	**Search Radius (km):**	.25
Date Received:	09-JUL-19	**X:**	-78.136583
Previous Site Name:		**Y:**	44.025836
Lot/Building Size:			
Additional Info Ordered:			

21 | ***1 of 8*** | ***SW/150.3*** | ***180.3 / -15.57*** | ***Kawartha Pine Ridge District School Board, 9320 Burwash Road, Hamilton ON*** | ***SPL***

Ref No:	6334-63YV4M	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	8/18/2004	**Discharger Report:**	

Dt MOE Arvl on Scn:
MOE Reported Dt: 8/18/2004
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Peterborough
Nearest Watercourse:
Site Name: BALTIMORE PUBLIC SCHOOL
Site Address:
Site Region: Eastern
Site Municipality: Hamilton
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: NA
Easting: NA
Incident Cause: Pipe Or Hose Leak
Incident Preceding Spill:
Environment Impact: Possible
Health Env Consequence:
Nature of Impact: Soil Contamination
Contaminant Qty: 8 L
System Facility Address:
Client Name: Kawartha Pine Ridge District School Board
Client Type:
Source Type:
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason: Equipment Failure
Incident Summary: Baltimore School: hydraulic oil to c/b
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other Motor Vehicle
SAC Action Class: Spill to Land
Call Report Locatn Geodata:

Material Group: Oil
Impact to Health:
Agency Involved:

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21 | ***2 of 8*** | ***SW/150.3*** | ***180.3 / -15.57*** | ***Kawartha Pine Ridge District School Board 9320 Burwash Road Hamilton ON*** | ***SPL***

Ref No: 5061-694ME7
Year:
Incident Dt: 1/29/2005
Dt MOE Arvl on Scn:
MOE Reported Dt: 1/29/2005
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Peterborough
Nearest Watercourse:
Site Name: Baltimore Public School
Site Address:
Site Region:
Site Municipality: Hamilton

Municipality No:
Nature of Damage:
Discharger Report: 0
Material Group: Chemical
Impact to Health:
Agency Involved:

Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	NA
Easting:	NA
Incident Cause:	Pipe Or Hose Leak
Incident Preceding Spill:	
Environment Impact:	Possible
Health Env Consequence:	
Nature of Impact:	Groundwater Pollution; Multi-Media Pollution; Soil Contamination
Contaminant Qty:	
System Facility Address:	
Client Name:	Kawartha Pine Ridge District School Board
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	PROPYLENE GLYCOL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land & Water
Incident Reason:	Equipment Failure
Incident Summary:	Baltimore PS,50 Gal propylene glycol to soil,HU
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Other
SAC Action Class:	Spills
Call Report Locatn Geodata:	

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21 | ***3 of 8*** | ***SW/150.3*** | ***180.3 / -15.57*** | ***Kawartha Pine Ridge District School Board***
9320 Burwash Road
Baltimore ON | ***GEN***

Generator No:	ON5853426
SIC Code:	611110
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS
Approval Years:	2013
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	148
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS

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21 | ***4 of 8*** | ***SW/150.3*** | ***180.3 / -15.57*** | ***Kawartha Pine Ridge District School Board***
9320 Burwash Road
Baltimore ON K0K 1C0 | ***GEN***

Generator No:	ON5853426
SIC Code:	611110

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

SIC Description: Elementary and Secondary Schools
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

21	5 of 8	SW/150.3	180.3 / -15.57	**Kawartha Pine Ridge District School Board** **9320 Burwash Road** **Baltimore ON K0K 1C0**	GEN

Generator No: ON5853426
SIC Code: 611110
SIC Description: Elementary and Secondary Schools
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

21	6 of 8	SW/150.3	180.3 / -15.57	**Kawartha Pine Ridge District School Board** **9320 Burwash Road** **Baltimore ON K0K 1C0**	GEN

Generator No: ON5853426
SIC Code: 611110
SIC Description: Elementary and Secondary Schools
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

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21 | **7 of 8** | **SW/150.3** | **180.3 / -15.57** | **KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD**
9320 BURWASH ROAD
BALTIMORE ON K0K 1C0 | **GEN**

Generator No: ON4765026
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: Paul Bromley
Choice of Contact: CO_ADMIN
Phone No Admin: 705-742-9773 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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21 | **8 of 8** | **SW/150.3** | **180.3 / -15.57** | **KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD**
9320 BURWASH ROAD
BALTIMORE ON K0K 1C0 | **GEN**

Generator No: ON4765026
SIC Code: 611110
SIC Description: ELEMENTARY AND SECONDARY SCHOOLS
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Paul Bromley
Choice of Contact: CO_ADMIN
Phone No Admin: 705-742-9773 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

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22 | **1 of 1** | **NW/169.9** | **161.5 / -34.31** | **lot 7 con 3**
ON | **WWIS**

Well ID: 4503348
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/18/1972
Selected Flag: TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2118
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4503348.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/30/1971
Year Completed:	1971
Depth (m):	47.244
Latitude:	44.0314064486167
Longitude:	-78.1455533644256
X:	-78.14555321032252
Y:	44.031406444748704
Path:	450\4503348.pdf

Bore Hole Information

Bore Hole ID:	10282258	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728735.30
Code OB Desc:		**North83:**	4879323.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	01/30/1971	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931902728
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	155.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964503348
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10830828
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930471245
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	155.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994503348
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	50.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934236242
Test Type:	Recovery
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934508022
Test Type:	Recovery
Test Duration:	30

Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934763762
Test Type: Recovery
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935033559
Test Type: Recovery
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933752520
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 155.0
Water Found Depth UOM: ft

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23 | **1 of 1** | **SE/173.5** | **199.9 / 4.03** | **0 Community Center Rd. lot 6 con 2 Baltimore ON** | **WWIS**

Well ID: 7388684
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 3QD7DK3M
Tag: A315502
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 06/03/2021
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7560
Form Version: 9
Owner:
County: NORTHUMBERLAND
Lot: 006
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/738\7388684.pdf

Additional Detail(s) (Map)

Well Completed Date: 03/25/2021
Year Completed: 2021
Depth (m): 32.9184
Latitude: 44.023579476091
Longitude: -78.1375108617706
X: -78.13751070824273

Y: 44.02357947173956
Path: 738\7388684.pdf

Bore Hole Information

Bore Hole ID: 1008659199
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/25/2021
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 729410.00
North83: 4878476.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008659351
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 2.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008659356
Layer: 7
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 75.0
Formation End Depth: 105.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008659355
Layer: 6
Color: 2

General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	70.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659354
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	57.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659350
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	85
Material 3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659353
Layer:	4
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	12
Material 2 Desc:	STONES
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	54.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659357
Layer:	8
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	105.0
Formation End Depth:	108.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659352
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	13.0
Formation End Depth:	54.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008659465
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008659492
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008659493
Layer:	2
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	1008659252
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DR-12W

Pipe Information

Pipe ID:	1008659233
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1008659405
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	101.0
Depth To:	104.0
Casing Diameter:	5.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1008659404
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.0
Depth To:	105.0
Casing Diameter:	6.150000095367432
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1008659416
Layer:	1
Slot:	35
Screen Top Depth:	104.0
Screen End Depth:	108.0
Screen Material:	8
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1008659234
Pump Set At:	
Static Level:	66.30000305175781
Final Level After Pumping:	91.30000305175781
Recommended Pump Depth:	102.0
Pumping Rate:	5.5
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:
Pumping Duration HR: 1
Pumping Duration MIN: 35
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1008659643
Test Type: Draw Down
Test Duration: 1
Test Level: 74.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659645
Test Type: Draw Down
Test Duration: 3
Test Level: 77.5999984741211
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659646
Test Type: Draw Down
Test Duration: 4
Test Level: 79.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659838
Test Type: Recovery
Test Duration: 1
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659841
Test Type: Recovery
Test Duration: 4
Test Level: 75.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659644
Test Type: Draw Down
Test Duration: 2
Test Level: 76.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659842
Test Type: Recovery

Test Duration: 5
Test Level: 74.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659650
Test Type: Draw Down
Test Duration: 20
Test Level: 87.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659655
Test Type: Draw Down
Test Duration: 60
Test Level: 91.0999984741211
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659846
Test Type: Recovery
Test Duration: 25
Test Level: 66.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659847
Test Type: Recovery
Test Duration: 30
Test Level: 66.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659849
Test Type: Recovery
Test Duration: 50
Test Level: 66.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659850
Test Type: Recovery
Test Duration: 60
Test Level: 66.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659647
Test Type: Draw Down
Test Duration: 5
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659649
Test Type: Draw Down
Test Duration: 15
Test Level: 86.5999984741211
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659652
Test Type: Draw Down
Test Duration: 30
Test Level: 89.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659839
Test Type: Recovery
Test Duration: 2
Test Level: 81.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659845
Test Type: Recovery
Test Duration: 20
Test Level: 66.69999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659654
Test Type: Draw Down
Test Duration: 50
Test Level: 91.0999984741211
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659844
Test Type: Recovery
Test Duration: 15
Test Level: 67.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659848
Test Type: Recovery
Test Duration: 40
Test Level: 66.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659653

Test Type: Draw Down
Test Duration: 40
Test Level: 90.9000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659843
Test Type: Recovery
Test Duration: 10
Test Level: 69.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659648
Test Type: Draw Down
Test Duration: 10
Test Level: 83.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659651
Test Type: Draw Down
Test Duration: 25
Test Level: 88.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659840
Test Type: Recovery
Test Duration: 3
Test Level: 77.69999694824219
Test Level UOM: ft

Water Details

Water ID: 1008659283
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 108.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008659446
Diameter: 11.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1008659447
Diameter: 7.5
Depth From: 20.0

Depth To: 108.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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24 | **1 of 1** | **S/180.0** | **175.5 / -20.36** | **lot 7 con 2 ON** | **WWIS**

Well ID: 4509438
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 110260
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/06/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2104
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 007
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4509438.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/02/1991
Year Completed: 1991
Depth (m): 67.9704
Latitude: 44.022652152266
Longitude: -78.1418226712251
X: -78.14182251788758
Y: 44.022652147382246
Path: 450\4509438.pdf

Bore Hole Information

Bore Hole ID: 10288161
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/02/1991
Remarks:
Location Method Desc:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 729068.00
North83: 4878361.00
Org CS: N83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method:

Overburden and Bedrock Materials Interval

Formation ID: 931925506
Layer: 4
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 142.0
Formation End Depth: 219.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931925503
Layer: 1
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931925504
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 22.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931925507
Layer: 5
Color: 8
General Color: BLACK
Material 1: 10
Material 1 Desc: COARSE SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 219.0

Formation End Depth:	223.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931925505
Layer:	3
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	05
Material 3 Desc:	CLAY
Formation Top Depth:	98.0
Formation End Depth:	142.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964509438
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10836731
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930477846
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	220.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933354344
Layer:	1
Slot:	010
Screen Top Depth:	215.0
Screen End Depth:	224.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994509438
Pump Set At:	
Static Level:	78.0
Final Level After Pumping:	194.0
Recommended Pump Depth:	210.0
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:	2
Pumping Duration MIN:	40
Flowing:	No

Water Details

Water ID:	933758793
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	223.0
Water Found Depth UOM:	ft

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25 | ***1 of 1*** | ***ESE/181.3*** | ***186.3 / -9.49*** | ***lot 5 con 2 ON*** | ***WWIS***

Well ID:	4510530	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/14/1995
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	152631	**Contractor:**	4635
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	005
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4510530.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/18/1994
Year Completed:	1994
Depth (m):	15.24
Latitude:	44.0254954669249
Longitude:	-78.1360086122796
X:	-78.13600845860773
Y:	44.025495462560684
Path:	451\4510530.pdf

Bore Hole Information

Bore Hole ID:	10289250	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	729523.00
Code OB Desc:		***North83:***	4878693.00
Open Hole:		***Org CS:***	N83
Cluster Kind:		***UTMRC:***	3
Date Completed:	11/18/1994	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931930476
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931930477
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	42.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931930478
Layer:	3
Color:	1
General Color:	WHITE
Material 1:	31

Material 1 Desc:	COARSE GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	42.0
Formation End Depth:	49.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931930479
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	31
Material 1 Desc:	COARSE GRAVEL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	49.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933166002
Layer:	1
Plug From:	0.0
Plug To:	10.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964510530
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10837820
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930479093
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	50.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994510530
Pump Set At:	
Static Level:	
Final Level After Pumping:	10.0
Recommended Pump Depth:	20.0
Pumping Rate:	20.0
Flowing Rate:	10.0
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:	0
Flowing:	No

Water Details

Water ID:	933759967
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

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26 ***1 of 1*** ***SW/184.6*** ***175.2 / -20.64*** ***9320 BURWASH RD (BALTIMORE PUBLIC SCHOOL) lot 6 con 3 BALTIMORE ON*** ***WWIS***

Well ID:	4514323	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Abandoned-Other	***Date Received:***	08/11/2005
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	Yes
Audit No:	Z25982	***Contractor:***	7163
Tag:	A025524	***Form Version:***	3
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	006
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4514323.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/04/2005
Year Completed:	2005
Depth (m):	
Latitude:	44.0236830679012

Longitude: -78.1456036220869
X: -78.14560346811804
Y: 44.02368306349036
Path: 451\4514323.pdf

Bore Hole Information

Bore Hole ID: 11322734
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/04/2005
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 728761.00
North83: 4878465.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 933274642
Layer: 2
Plug From: 67.9800033569336
Plug To: 1.8300000429153442
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274644
Layer: 3
Plug From: 1.8300000429153442
Plug To: 1.2200000286102295
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274641
Layer: 1
Plug From: 71.33999633789062
Plug To: 67.9800033569336
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933274643
Layer: 4
Plug From: 1.2200000286102295
Plug To: 0.9200000166893005
Plug Depth UOM: m

Method of Construction & Well

Use

Method Construction ID: 964514323
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11337589
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930865489
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 1.2200000286102295
Depth To: 71.33999633789062
Casing Diameter: 15.850000381469727
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 11350078
Pump Set At:
Static Level: 22.299999237060547
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 11542329
Diameter: 15.850000381469727
Depth From: 0.0
Depth To: 71.33999633789062
Hole Depth UOM: m
Hole Diameter UOM: cm

27	1 of 1	WSW/193.2	162.8 / -33.05	lot 8 con 3 ON	WWIS

Well ID: 4504155
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1

Final Well Status:	Water Supply	**Date Received:**	09/23/1975
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2104
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HAMILTON TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4504155.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/11/1975
Year Completed: 1975
Depth (m): 48.768
Latitude: 44.0257922796905
Longitude: -78.1467837898032
X: -78.14678363644688
Y: 44.02579227555282
Path: 450\4504155.pdf

Bore Hole Information

Bore Hole ID:	10283014	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728658.30
Code OB Desc:		**North83:**	4878696.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	09/11/1975	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931905270
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0

Formation End Depth:	156.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931905271
Layer:	3
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	156.0
Formation End Depth:	160.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931905269
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964504155
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10831584
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930472180
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	156.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch

Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933353313
Layer: 1
Slot: 012
Screen Top Depth: 150.0
Screen End Depth: 154.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994504155
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 45.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935027481
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934510714
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934237963
Test Type: Draw Down
Test Duration: 15
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934766442

Test Type:	Draw Down
Test Duration:	45
Test Level:	30.0
Test Level UOM:	ft

Water Details

Water ID:	933753296
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	158.0
Water Found Depth UOM:	ft

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28 | ***1 of 1*** | ***NNW/195.7*** | ***171.2 / -24.66*** | ***lot 7 con 3 ON*** | ***WWIS***

Well ID:	4502656	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	04/21/1970
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3129
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4502656.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/13/1970
Year Completed:	1970
Depth (m):	6.7056
Latitude:	44.0322900914528
Longitude:	-78.1448869629071
X:	-78.1448868096409
Y:	44.03229008644606
Path:	450\4502656.pdf

Bore Hole Information

Bore Hole ID:	10281686	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728785.30
Code OB Desc:		**North83:**	4879423.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/13/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931900847
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931900848
Layer: 2
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931900849
Layer: 3
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964502656
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10830256
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930470443
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 22.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994502656
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 21.0
Recommended Pump Depth: 21.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934515117
Test Type: Recovery
Test Duration: 30
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935031884
Test Type: Recovery
Test Duration: 60
Test Level: 14.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934242904
Test Type: Recovery
Test Duration: 15
Test Level: 19.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934762089
Test Type: Recovery
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933751927
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 13.0
Water Found Depth UOM: ft

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29 | **1 of 1** | **SE/196.0** | **203.8 / 8.01** | **lot 6 con 12 ON** | **WWIS**

Well ID: 4506579
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 06484
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/21/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1847
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 006
Concession: 12
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4506579.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/15/1986
Year Completed: 1986
Depth (m): 10.0584
Latitude: 44.0232917938324
Longitude: -78.1378865543243
X: -78.1378864006661
Y: 44.02329178951104
Path: 450\4506579.pdf

Bore Hole Information

Bore Hole ID: 10285310
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/15/1986
Remarks:
Location Method Desc:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 729381.00
North83: 4878443.00
Org CS: N83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method:

Overburden and Bedrock Materials Interval

Formation ID: 931913816
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913818
Layer: 3
Color:
General Color:
Material 1: 10
Material 1 Desc: COARSE SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913819
Layer: 4
Color:
General Color:
Material 1: 08
Material 1 Desc: FINE SAND
Material 2: 91
Material 2 Desc: WATER-BEARING

Material 3:
Material 3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913817
Layer: 2
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964506579
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10833880
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930474742
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 33.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994506579
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 30.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934773270
Test Type:	
Test Duration:	45
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935025423
Test Type:	
Test Duration:	60
Test Level:	30.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934509201
Test Type:	
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934235907
Test Type:	
Test Duration:	15
Test Level:	23.0
Test Level UOM:	ft

Water Details

Water ID:	933755758
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	21.0
Water Found Depth UOM:	ft

30 ***1 of 1*** ***SW/201.2*** ***175.8 / -20.02*** ***9313 BURWASH RD BALTIMORE ON*** ***WWIS***

Well ID:	7351921	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Water Supply	***Date Received:***	01/23/2020
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z289997	***Contractor:***	4635
Tag:	A250225	***Form Version:***	7

Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/735\7351921.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/05/2019
Year Completed:	2019
Depth (m):	64.008
Latitude:	44.0230864168537
Longitude:	-78.1451456651806
X:	-78.14514551167682
Y:	44.02308641285781
Path:	735\7351921.pdf

Bore Hole Information

Bore Hole ID:	1007974986	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728800.00
Code OB Desc:		**North83:**	4878400.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	03/05/2019	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1008174728
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	19.0
Formation End Depth:	89.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	1008174727
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	05
Material 3 Desc:	CLAY
Formation Top Depth:	1.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008174729
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	89.0
Formation End Depth:	198.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008174730
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	198.0
Formation End Depth:	210.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008174726
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	

Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008175392
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008176040
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 1008174251
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008176212
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 210.0
Casing Diameter: 6.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1008176449
Layer: 1
Slot: 14
Screen Top Depth: 201.0
Screen End Depth: 210.0
Screen Material: 8
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008176760
Pump Set At: 207.0
Static Level: 65.0
Final Level After Pumping: 73.0
Recommended Pump Depth: 208.0
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: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1008177518
Test Type: Draw Down
Test Duration: 3
Test Level: 72.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177521
Test Type: Draw Down
Test Duration: 10
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177522
Test Type: Draw Down
Test Duration: 15
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177530
Test Type: Recovery
Test Duration: 2
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177524
Test Type: Draw Down
Test Duration: 25
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177541
Test Type: Recovery
Test Duration: 60
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177526
Test Type: Draw Down
Test Duration: 40
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177531
Test Type: Recovery
Test Duration: 3
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177533
Test Type: Recovery
Test Duration: 5
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177536
Test Type: Recovery
Test Duration: 20
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177540
Test Type: Recovery
Test Duration: 50
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177516
Test Type: Draw Down
Test Duration: 1
Test Level: 68.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177528
Test Type: Draw Down
Test Duration: 60
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177532
Test Type: Recovery
Test Duration: 4

Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177538
Test Type: Recovery
Test Duration: 30
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177517
Test Type: Draw Down
Test Duration: 2
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177520
Test Type: Draw Down
Test Duration: 5
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177525
Test Type: Draw Down
Test Duration: 30
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177534
Test Type: Recovery
Test Duration: 10
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177535
Test Type: Recovery
Test Duration: 15
Test Level: 65.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177537
Test Type: Recovery
Test Duration: 25
Test Level: 65.0
Test Level UOM: ft

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

Draw Down & Recovery

Pump Test Detail ID: 1008177519
Test Type: Draw Down
Test Duration: 4
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177523
Test Type: Draw Down
Test Duration: 20
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177527
Test Type: Draw Down
Test Duration: 50
Test Level: 73.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177529
Test Type: Recovery
Test Duration: 1
Test Level: 67.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008177539
Test Type: Recovery
Test Duration: 40
Test Level: 65.0
Test Level UOM: ft

Water Details

Water ID: 1008176541
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 210.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008175692
Diameter: 6.25
Depth From: 0.0
Depth To: 210.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

31	*1 of 1*	*ESE/209.2*	*188.1 / -7.73*	*9473 COMMUNITY CENTER RD lot 5 con 2 ON*	*WWIS*

Well ID:	7212191	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	11/29/2013
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z161426	**Contractor:**	6593
Tag:	A140658	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	005
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HAMILTON TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/721\7212191.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/04/2013
Year Completed: 2013
Depth (m): 6.096
Latitude: 44.0248011162897
Longitude: -78.1356053574212
X: -78.13560520326988
Y: 44.02480111170747
Path: 721\7212191.pdf

Bore Hole Information

Bore Hole ID:	1004657679	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	729558.00
Code OB Desc:		**North83:**	4878617.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/04/2013	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1004981092
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY

Material 2:	12
Material 2 Desc:	STONES
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	14.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004981090
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004981091
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	06
Material 3 Desc:	SILT
Formation Top Depth:	2.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1004981124
Method Construction Code:	A
Method Construction:	Digging
Other Method Construction:	

Pipe Information

Pipe ID:	1004981088
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004981095
Layer:	1
Material:	3

Open Hole or Material: CONCRETE
Depth From: 0.0
Depth To: 20.0
Casing Diameter: 36.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004981096
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1004981089
Pump Set At:
Static Level: 7.0
Final Level After Pumping: 16.41670036315918
Recommended Pump Depth:
Pumping Rate: 27.0
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: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1004981113
Test Type: Draw Down
Test Duration: 25
Test Level: 15.583330154418945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981116
Test Type: Recovery
Test Duration: 30
Test Level: 16.166669845581055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981097
Test Type: Draw Down
Test Duration: 1
Test Level: 1.6666699647903442
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981109
Test Type: Draw Down
Test Duration: 15
Test Level: 10.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981111
Test Type: Draw Down
Test Duration: 20
Test Level: 12.833000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981102
Test Type: Recovery
Test Duration: 3
Test Level: 16.41670036315918
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981105
Test Type: Draw Down
Test Duration: 5
Test Level: 4.3333330154418945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981106
Test Type: Recovery
Test Duration: 5
Test Level: 16.375
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981114
Test Type: Recovery
Test Duration: 25
Test Level: 16.166669845581055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981121
Test Type: Draw Down
Test Duration: 60
Test Level: 16.416669845581055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981122
Test Type: Recovery
Test Duration: 60
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981120
Test Type: Recovery
Test Duration: 50
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981098
Test Type: Recovery
Test Duration: 1
Test Level: 16.41670036315918
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981118
Test Type: Recovery
Test Duration: 40
Test Level: 16.083330154418945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981104
Test Type: Recovery
Test Duration: 4
Test Level: 15.541669845581055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981103
Test Type: Draw Down
Test Duration: 4
Test Level: 3.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981110
Test Type: Recovery
Test Duration: 15
Test Level: 16.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981119
Test Type: Draw Down
Test Duration: 50
Test Level: 16.375

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981099
Test Type: Draw Down
Test Duration: 2
Test Level: 2.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981100
Test Type: Recovery
Test Duration: 2
Test Level: 16.41670036315918
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981107
Test Type: Draw Down
Test Duration: 10
Test Level: 7.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981108
Test Type: Recovery
Test Duration: 10
Test Level: 16.291669845581055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981112
Test Type: Recovery
Test Duration: 20
Test Level: 16.208330154418945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981101
Test Type: Draw Down
Test Duration: 3
Test Level: 3.0799999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981115
Test Type: Draw Down
Test Duration: 30
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004981117
Test Type: Draw Down
Test Duration: 40
Test Level: 16.333330154418945
Test Level UOM: ft

Water Details

Water ID: 1004981094
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 10.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004981093
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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32 | ***1 of 1*** | ***SSW/218.5*** | ***170.3 / -25.56*** | ***lot 7 con 2 ON*** | ***WWIS***

Well ID: 4506045
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/23/1984
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3129
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 007
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4506045.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/22/1984
Year Completed: 1984
Depth (m): 5.4864
Latitude: 44.0222241157315
Longitude: -78.1430659951905
X: -78.14306584157217
Y: 44.02222411171785
Path: 450\4506045.pdf

Bore Hole Information

Bore Hole ID:	10284780	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	728970.00
Code OB Desc:		***North83:***	4878310.00
Open Hole:		***Org CS:***	N83
Cluster Kind:		***UTMRC:***	3
Date Completed:	06/22/1984	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931911763
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931911762
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931911764
Layer:	3
Color:	
General Color:	
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	12

Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964506045
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10833350
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930474182
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 18.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994506045
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 16.0
Recommended Pump Depth: 17.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934515748
Test Type: Recovery
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	935032521
Test Type:	Recovery
Test Duration:	60
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934243003
Test Type:	Recovery
Test Duration:	15
Test Level:	10.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934762705
Test Type:	Recovery
Test Duration:	45
Test Level:	14.0
Test Level UOM:	ft

Water Details

Water ID:	933755168
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	9.0
Water Found Depth UOM:	ft

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33 | ***1 of 1*** | ***NW/225.1*** | ***158.5 / -37.30*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	4506653	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	04/28/1987
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	05981	***Contractor:***	3129
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	006
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4506653.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/16/1987
Year Completed:	1987
Depth (m):	6.096
Latitude:	44.0313979494229
Longitude:	-78.1462937712009
X:	-78.14629361771127
Y:	44.03139794472866
Path:	450\4506653.pdf

Bore Hole Information

Bore Hole ID:	10285384	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728676.00
Code OB Desc:		**North83:**	4879320.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	04/16/1987	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931914071
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931914069
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931914072
Layer:	4
Color:	
General Color:	
Material 1:	28
Material 1 Desc:	SAND
Material 2:	91
Material 2 Desc:	WATER-BEARING
Material 3:	11
Material 3 Desc:	GRAVEL
Formation Top Depth:	15.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931914070
Layer:	2
Color:	
General Color:	
Material 1:	28
Material 1 Desc:	SAND
Material 2:	12
Material 2 Desc:	STONES
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964506653
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10833954
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930474815
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	20.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994506653
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 14.0
Recommended Pump Depth: 18.0
Pumping Rate: 8.0
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934509264
Test Type:
Test Duration: 30
Test Level: 12.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934773333
Test Type:
Test Duration: 45
Test Level: 13.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934236388
Test Type:
Test Duration: 15
Test Level: 11.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935025485
Test Type:
Test Duration: 60
Test Level: 14.0
Test Level UOM: ft

Water Details

Water ID: 933755837
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 20.0
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
34	1 of 1	WSW/226.8	159.0 / -36.79	HWY 45 # 4923 lot 20 con 3 BALTIMORE ON	WWIS

Well ID: 4513902
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z00599
Tag: A000507
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/05/2004
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7115
Form Version: 3
Owner:
County: NORTHUMBERLAND
Lot: 020
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4513902.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/13/2004
Year Completed: 2004
Depth (m): 56.38
Latitude: 44.0253205159733
Longitude: -78.1469998398553
X: -78.14699968663352
Y: 44.025320511928264
Path: 451\4513902.pdf

Bore Hole Information

Bore Hole ID: 11176608
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 04/13/2004
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 728642.80
North83: 4878643.00
Org CS: G83a
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 932980290
Layer: 5
Color: 2
General Color: GREY

Material 1: 05
Material 1 Desc: CLAY
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 54.79999923706055
Formation End Depth: 56.380001068115234
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932980286
Layer: 1
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 0.6000000238418579
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932980289
Layer: 4
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 51.79999923706055
Formation End Depth: 54.79999923706055
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 932980288
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 25.899999618530273
Formation End Depth: 51.79999923706055
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID:	932980287
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	12
Material 2 Desc:	STONES
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	0.6000000238418579
Formation End Depth:	25.899999618530273
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933258524
Layer:	1
Plug From:	0.0
Plug To:	6.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	964513902
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11185127
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930848720
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	54.79999923706055
Casing Diameter:	15.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	930848721
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	54.79999923706055
Depth To:	56.380001068115234
Casing Diameter:	
Casing Diameter UOM:	cm

Casing Depth UOM: m

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 11192449
Pump Set At: 48.70000076293945
Static Level: 2.9000000953674316
Final Level After Pumping: 24.0
Recommended Pump Depth: 48.70000076293945
Pumping Rate: 30.200000762939453
Flowing Rate:
Recommended Pump Rate: 22.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 11293379
Test Type: Recovery
Test Duration: 20
Test Level: 2.9000000953674316
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11293384
Test Type: Recovery
Test Duration: 60
Test Level: 2.9000000953674316
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11293377
Test Type: Recovery
Test Duration: 10
Test Level: 2.9000000953674316
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11293381
Test Type: Recovery
Test Duration: 30
Test Level: 2.9000000953674316
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11293380
Test Type: Recovery
Test Duration: 25
Test Level: 2.9000000953674316
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	11293382
Test Type:	Recovery
Test Duration:	40
Test Level:	2.9000000953674316
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11293376
Test Type:	Recovery
Test Duration:	5
Test Level:	2.9000000953674316
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11293378
Test Type:	Recovery
Test Duration:	15
Test Level:	2.9000000953674316
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11293383
Test Type:	Recovery
Test Duration:	50
Test Level:	2.9000000953674316
Test Level UOM:	m

Water Details

Water ID:	934054418
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	54.79999923706055
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11310466
Diameter:	15.199999809265137
Depth From:	0.0
Depth To:	56.380001068115234
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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35 ***1 of 1*** ***W/253.3*** ***155.6 / -40.26*** ***lot 8 con 3 ON*** ***WWIS***

Well ID:	4510316	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	07/18/1994
Water Type:		***Selected Flag:***	TRUE

Casing Material:		**Abandonment Rec:**	
Audit No:	128526	**Contractor:**	4635
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	008
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4510316.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/19/1994
Year Completed:	1994
Depth (m):	60.0456
Latitude:	44.0275438799685
Longitude:	-78.1484254187599
X:	-78.14842526562583
Y:	44.027543875352755
Path:	451\4510316.pdf

Bore Hole Information

Bore Hole ID:	10289038	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728520.00
Code OB Desc:		**North83:**	4878886.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	05/19/1994	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931929556
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931929557
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931929560
Layer:	5
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	170.0
Formation End Depth:	192.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931929561
Layer:	6
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	192.0
Formation End Depth:	197.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931929559
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	

Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 145.0
Formation End Depth: 170.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931929558
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 28
Material 3 Desc: SAND
Formation Top Depth: 48.0
Formation End Depth: 145.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933165812
Layer: 1
Plug From: 0.0
Plug To: 10.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964510316
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10837608
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930478846
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 194.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	933354542
Layer:	1
Slot:	012
Screen Top Depth:	190.0
Screen End Depth:	197.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6.0

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994510316
Pump Set At:	
Static Level:	42.0
Final Level After Pumping:	192.0
Recommended Pump Depth:	196.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934238811
Test Type:	Draw Down
Test Duration:	15
Test Level:	192.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935036202
Test Type:	Draw Down
Test Duration:	60
Test Level:	192.0
Test Level UOM:	ft

Water Details

Water ID:	933759723
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	195.0
Water Found Depth UOM:	ft

36	***1 of 1***	***SSE/257.3***	***203.2 / 7.36***	***CONCESSION 2 PAST LOT 6 lot 6 con 2 BALTIMORE ON***	***WWIS***

Well ID:	7391219	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring and Test Hole	**Data Entry Status:**	

Use 2nd:		**Data Src:**	
Final Well Status:	Monitoring and Test Hole	**Date Received:**	06/29/2021
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z364333	**Contractor:**	7241
Tag:	A311819	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	006
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

Additional Detail(s) (Map)

Bore Hole ID:	1008704667	**Tag No:**	A311819
Depth M:		**Contractor:**	7241
Year Completed:	2021	**Latitude:**	44.0224839415526
Well Completed Dt:	05/03/2021	**Longitude:**	-78.1390608612332
Audit No:	Z364333	**Y:**	44.02248393790766
Path:		**X:**	-78.13906070774065

Bore Hole Information

Bore Hole ID:	1008704667	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	729290.00
Code OB Desc:		**North83:**	4878350.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	05/03/2021	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1009852645
Layer:	1
Color:	8
General Color:	BLACK
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009852646
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	06
Material 1 Desc:	SILT
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009852647
Layer:	3
Color:	2
General Color:	GREY
Material 1:	06
Material 1 Desc:	SILT
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009853733
Layer:	2
Plug From:	6.0
Plug To:	9.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009853734
Layer:	3
Plug From:	9.0
Plug To:	20.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009853732
Layer:	1
Plug From:	0.0
Plug To:	6.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1009854922
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1009765089
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1009855307
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	10.0
Casing Diameter:	2.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1009855700
Layer:	1
Slot:	10
Screen Top Depth:	10.0
Screen End Depth:	20.0
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	Inch
Screen Diameter:	2.25

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1009856182
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Hole Diameter

Hole ID:	1009854501

Diameter:	6.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

37 **1 of 1** **WSW/258.8** **151.0 / -44.83** **4933 COUNTY RD 45 lot 7 con 3 ON** **WWIS**

Well ID:	7175326	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	01/19/2012
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z139570	**Contractor:**	3367
Tag:	A123305	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/717\7175326.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/14/2011
Year Completed:	2011
Depth (m):	46.9392
Latitude:	44.0255772592615
Longitude:	-78.1475465155192
X:	-78.14754636248946
Y:	44.02557725471682
Path:	717\7175326.pdf

Bore Hole Information

Bore Hole ID:	1003635555	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728598.00
Code OB Desc:		**North83:**	4878670.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	10/14/2011	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1004137083
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	12
Material 2 Desc:	STONES
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004137085
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	22.0
Formation End Depth:	144.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004137084
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	20.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004137086
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	77

Material 3 Desc:	LOOSE
Formation Top Depth:	144.0
Formation End Depth:	146.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004137087
Layer:	5
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	146.0
Formation End Depth:	150.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004137088
Layer:	6
Color:	6
General Color:	BROWN
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	
Material 2 Desc:	
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	150.0
Formation End Depth:	154.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004137122
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1004137121
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1004137081
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004137092
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	150.0
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004137093
Layer:	1
Slot:	12
Screen Top Depth:	150.0
Screen End Depth:	154.0
Screen Material:	1
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1004137082
Pump Set At:	40.0
Static Level:	5.670000076293945
Final Level After Pumping:	9.420000076293945
Recommended Pump Depth:	80.0
Pumping Rate:	8.0
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:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	1004137097
Test Type:	Recovery
Test Duration:	2
Test Level:	5.666999816894531
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1004137100
Test Type:	Draw Down
Test Duration:	4
Test Level:	9.416999816894531
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 1004137114
Test Type: Draw Down
Test Duration: 40
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137116
Test Type: Draw Down
Test Duration: 50
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137099
Test Type: Recovery
Test Duration: 3
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137104
Test Type: Draw Down
Test Duration: 10
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137109
Test Type: Recovery
Test Duration: 20
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137115
Test Type: Recovery
Test Duration: 40
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137102
Test Type: Draw Down
Test Duration: 5
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137119
Test Type: Recovery

Test Duration: 60
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137094
Test Type: Draw Down
Test Duration: 1
Test Level: 8.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137106
Test Type: Draw Down
Test Duration: 15
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137107
Test Type: Recovery
Test Duration: 15
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137113
Test Type: Recovery
Test Duration: 30
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137096
Test Type: Draw Down
Test Duration: 2
Test Level: 9.166999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137108
Test Type: Draw Down
Test Duration: 20
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137111
Test Type: Recovery
Test Duration: 25
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137112
Test Type: Draw Down
Test Duration: 30
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137095
Test Type: Recovery
Test Duration: 1
Test Level: 6.583000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137098
Test Type: Draw Down
Test Duration: 3
Test Level: 9.333000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137105
Test Type: Recovery
Test Duration: 10
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137110
Test Type: Draw Down
Test Duration: 25
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137117
Test Type: Recovery
Test Duration: 50
Test Level: 5.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137118
Test Type: Draw Down
Test Duration: 60
Test Level: 9.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004137101

Test Type:	Recovery
Test Duration:	4
Test Level:	5.666999816894531
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1004137103
Test Type:	Recovery
Test Duration:	5
Test Level:	5.666999816894531
Test Level UOM:	ft

Water Details

Water ID:	1004137091
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	154.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1004137090
Diameter:	6.0
Depth From:	0.0
Depth To:	154.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1004137089
Diameter:	10.0
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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38 | ***1 of 1*** | ***WSW/262.7*** | ***155.8 / -40.00*** | ***4933 COUNTY ROAD 45 BALTIMORE ON*** | ***WWIS***

Well ID:	7170738	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Quality	**Date Received:**	11/01/2011
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z102541	**Contractor:**	7072
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:			

Site Info:

Bore Hole Information

Bore Hole ID:	1003593264	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/20/2011	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003979407
Layer:	1
Plug From:	0.0
Plug To:	0.699999988079071
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003979408
Layer:	2
Plug From:	0.699999988079071
Plug To:	1.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003979410
Layer:	4
Plug From:	2.0999999046325684
Plug To:	2.4000000953674316
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003979409
Layer:	3
Plug From:	1.0
Plug To:	2.0999999046325684
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003979406

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

Pipe Information

Pipe ID: 1003979398
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003979403
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From: 0.0
Depth To: 2.4000000953674316
Casing Diameter: 0.7599999904632568
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003979404
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1003979399
Pump Set At:
Static Level: 1.5
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 0
Pumping Duration MIN: 20
Flowing: No

Water Details

Water ID: 1003979402
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 1.5

Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003979401
Diameter: 0.7599999904632568
Depth From: 0.699999988079071
Depth To: 2.4000000953674316
Hole Depth UOM: ft
Hole Diameter UOM: inch

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39 | **1 of 1** | **WNW/264.6** | **175.2 / -20.63** | **lot 8 con 3 ON** | **WWIS**

Well ID: 4505972
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 01/03/1984
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2104
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 008
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4505972.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/30/1983
Year Completed: 1983
Depth (m): 29.8704
Latitude: 44.0298945686143
Longitude: -78.1481004881356
X: -78.1481003341102
Y: 44.029894564540314
Path: 450\4505972.pdf

Bore Hole Information

Bore Hole ID: 10284707
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/30/1983
Remarks:
Location Method Desc:
Elevrc Desc:
Location Source Date:

Elevation:
Elevrc:
Zone: 17
East83: 728537.00
North83: 4879148.00
Org CS: N83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method:

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

Overburden and Bedrock Materials Interval

Formation ID: 931911501
Layer: 5
Color: 6
General Color: BROWN
Material 1: 31
Material 1 Desc: COARSE GRAVEL
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 97.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931911498
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 12
Material 3 Desc: STONES
Formation Top Depth: 1.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931911500
Layer: 4
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 43.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931911497
Layer: 1
Color: 6

General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931911499
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	12
Material 3 Desc:	STONES
Formation Top Depth:	18.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964505972
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10833277
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930474107
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	98.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994505972
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	45.0

Recommended Pump Depth:	90.0
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:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934242942
Test Type:	Draw Down
Test Duration:	15
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934515688
Test Type:	Draw Down
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935032044
Test Type:	Draw Down
Test Duration:	60
Test Level:	45.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934762229
Test Type:	Draw Down
Test Duration:	45
Test Level:	45.0
Test Level UOM:	ft

Water Details

Water ID:	933755080
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	98.0
Water Found Depth UOM:	ft

40	*1 of 1*	*ESE/278.2*	*190.5 / -5.36*	***9493 Community Centre Rd. (next to) lot 5 con 2 BALTIMORE ON***	***WWIS***

Well ID:	7373405	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	

Final Well Status:	Water Supply	**Date Received:**	11/23/2020
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z326240	**Contractor:**	7560
Tag:	A284075	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	005
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HAMILTON TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/737\7373405.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/14/2020
Year Completed: 2020
Depth (m):
Latitude: 44.0252834134978
Longitude: -78.1347336369827
X: -78.13473348374775
Y: 44.02528340855135
Path: 737\7373405.pdf

Bore Hole Information

Bore Hole ID:	1008511060	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	729626.00
Code OB Desc:		**North83:**	4878673.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/14/2020	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1009657330
Layer: 1
Color: 6
General Color: BROWN
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 0.0

Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009657334
Layer: 5
Color: 6
General Color: BROWN
Material 1: 10
Material 1 Desc: COARSE SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 36.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009657331
Layer: 2
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 3.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009657332
Layer: 3
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 5.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009657333
Layer: 4
Color: 2
General Color: GREY
Material 1: 05

Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	11
Material 3 Desc:	GRAVEL
Formation Top Depth:	18.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1009657982
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1009658847
Method Construction Code:	B
Method Construction:	Other Method
Other Method Construction:	DR-12W

Pipe Information

Pipe ID:	1009655991
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1009659320
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	37.0
Depth To:	40.0
Casing Diameter:	5.0
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1009659319
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-2.0
Depth To:	40.0
Casing Diameter:	6.25
Casing Diameter UOM:	Inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1009659477
Layer:	1

Slot: 16
Screen Top Depth: 40.0
Screen End Depth: 44.0
Screen Material: 8
Screen Depth UOM: ft
Screen Diameter UOM: Inch
Screen Diameter: 5.0

Construction Record - Screen

Screen ID: 1009659478
Layer: 2
Slot: 14
Screen Top Depth: 44.0
Screen End Depth: 48.0
Screen Material: 8
Screen Depth UOM: ft
Screen Diameter UOM: Inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009660146
Pump Set At: 46.0
Static Level: -2.0
Final Level After Pumping: 22.16699981689453
Recommended Pump Depth: 40.0
Pumping Rate: 5.0
Flowing Rate: 2.0
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: 0
Pumping Duration HR: 1
Pumping Duration MIN: 40
Flowing: Yes

Draw Down & Recovery

Pump Test Detail ID: 1009664825
Test Type: Draw Down
Test Duration: 2
Test Level: 3.5829999446868896
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664826
Test Type: Draw Down
Test Duration: 3
Test Level: 5.166999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664835
Test Type: Draw Down
Test Duration: 50
Test Level: 21.08300018310547

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664838
Test Type: Recovery
Test Duration: 2
Test Level: 14.583000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664843
Test Type: Recovery
Test Duration: 15
Test Level: -2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664847
Test Type: Recovery
Test Duration: 40
Test Level: -2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664828
Test Type: Draw Down
Test Duration: 5
Test Level: 7.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664829
Test Type: Draw Down
Test Duration: 10
Test Level: 12.166999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664831
Test Type: Draw Down
Test Duration: 20
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664832
Test Type: Draw Down
Test Duration: 25
Test Level: 18.33300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664839
Test Type: Recovery
Test Duration: 3
Test Level: 9.666999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664827
Test Type: Draw Down
Test Duration: 4
Test Level: 6.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664841
Test Type: Recovery
Test Duration: 5
Test Level: 2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664849
Test Type: Recovery
Test Duration: 60
Test Level: -2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664824
Test Type: Draw Down
Test Duration: 1
Test Level: -0.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664833
Test Type: Draw Down
Test Duration: 30
Test Level: 19.33300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664834
Test Type: Draw Down
Test Duration: 40
Test Level: 20.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664840
Test Type: Recovery
Test Duration: 4

Test Level: 5.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664846
Test Type: Recovery
Test Duration: 30
Test Level: -2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664830
Test Type: Draw Down
Test Duration: 15
Test Level: 15.083000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664837
Test Type: Recovery
Test Duration: 1
Test Level: 18.33300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664836
Test Type: Draw Down
Test Duration: 60
Test Level: 22.16699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664842
Test Type: Recovery
Test Duration: 10
Test Level: -2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664845
Test Type: Recovery
Test Duration: 25
Test Level: -2.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009664848
Test Type: Recovery
Test Duration: 50
Test Level: -2.0
Test Level UOM: ft

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

Draw Down & Recovery

Pump Test Detail ID: 1009664844
Test Type: Recovery
Test Duration: 20
Test Level: -2.0
Test Level UOM: ft

Water Details

Water ID: 1009659785
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 40.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1009658498
Diameter: 7.5
Depth From: 20.0
Depth To: 48.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

Hole Diameter

Hole ID: 1009658497
Diameter: 11.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft
Hole Diameter UOM: Inch

41	*1 of 4*	*W/279.2*	*160.1 / -35.75*	***861178 Ontario Ltd.*** ***2896 Harwood Road*** ***Baltimore ON K0K 1C0***	***GEN***

Generator No: ON2787139
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

41	*2 of 4*	*W/279.2*	*160.1 / -35.75*	***861178 Ontario Ltd.*** ***2896 Harwood Road*** ***Baltimore ON K0K 1C0***	***GEN***

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

Generator No: ON2787139
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	3 of 4	W/279.2	160.1 / -35.75	861178 Ontario Ltd. 2896 Harwood Road Baltimore ON K0K 1C0	GEN

Generator No: ON2787139
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	4 of 4	W/279.2	160.1 / -35.75	861178 Ontario Ltd. 2896 Harwood Road Baltimore ON K0K 1C0	GEN

Generator No: ON2787139
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252 L
Waste Class Name: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
42	1 of 1	ESE/285.1	206.2 / 10.39	9473 COMMUNITY CENTER RD lot 6 con 2 BALTIMORE ON	WWIS

Well ID: 7373420
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z326252
Tag: A284085
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 11/23/2020
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7560
Form Version: 7
Owner:
County: NORTHUMBERLAND
Lot: 006
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/737\7373420.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/20/2020
Year Completed: 2020
Depth (m):
Latitude: 44.0234637039215
Longitude: -78.1354077863764
X: -78.13540763247666
Y: 44.02346369962213
Path: 737\7373420.pdf

Bore Hole Information

Bore Hole ID: 1008511348
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/20/2020
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 729579.00
North83: 4878469.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1009698773
Layer: 1
Color: 6

General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	85
Material 3 Desc:	SOFT
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698775
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	11.0
Formation End Depth:	44.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698776
Layer:	4
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	44.0
Formation End Depth:	49.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698778
Layer:	6
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	73.0
Formation End Depth:	84.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698777
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	08
Material 1 Desc:	FINE SAND
Material 2:	
Material 2 Desc:	
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	49.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698774
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	2.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698781
Layer:	9
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	95.0
Formation End Depth:	
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1009698779
Layer:	7
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	79

Material 3 Desc: PACKED
Formation Top Depth: 84.0
Formation End Depth: 89.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1009698780
Layer: 8
Color: 2
General Color: GREY
Material 1: 29
Material 1 Desc: FINE GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 89.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009699614
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1009699613
Layer: 1
Plug From:
Plug To:
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1009700519
Method Construction Code:
Method Construction:
Other Method Construction: DR-12W

Pipe Information

Pipe ID: 1009697571
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1009700934
Layer: 3
Material:
Open Hole or Material:

Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1009700933
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: 86.0
Depth To: 90.0
Casing Diameter: 5.0
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1009700932
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 90.0
Casing Diameter: 6.25
Casing Diameter UOM: Inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1009701182
Layer: 1
Slot: 20
Screen Top Depth: 90.0
Screen End Depth: 94.0
Screen Material: 8
Screen Depth UOM: ft
Screen Diameter UOM: Inch
Screen Diameter: 5.0

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1009701833
Pump Set At: 93.0
Static Level: 39.41699981689453
Final Level After Pumping: 56.58300018310547
Recommended Pump Depth: 84.0
Pumping Rate: 7.0
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: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1009705418
Test Type: Draw Down
Test Duration: 1
Test Level: 44.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705425
Test Type: Draw Down
Test Duration: 20
Test Level: 55.16699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705429
Test Type: Draw Down
Test Duration: 50
Test Level: 56.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705434
Test Type: Recovery
Test Duration: 4
Test Level: 46.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705422
Test Type: Draw Down
Test Duration: 5
Test Level: 50.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705426
Test Type: Draw Down
Test Duration: 25
Test Level: 55.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705439
Test Type: Recovery
Test Duration: 25
Test Level: 39.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705419
Test Type: Draw Down

Test Duration: 2
Test Level: 46.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705427
Test Type: Draw Down
Test Duration: 30
Test Level: 55.66699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705428
Test Type: Draw Down
Test Duration: 40
Test Level: 56.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705436
Test Type: Recovery
Test Duration: 10
Test Level: 42.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705440
Test Type: Recovery
Test Duration: 30
Test Level: 39.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705443
Test Type: Recovery
Test Duration: 60
Test Level: 39.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705431
Test Type: Recovery
Test Duration: 1
Test Level: 50.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705433
Test Type: Recovery
Test Duration: 3
Test Level: 47.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705441
Test Type: Recovery
Test Duration: 40
Test Level: 39.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705437
Test Type: Recovery
Test Duration: 15
Test Level: 40.08300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705421
Test Type: Draw Down
Test Duration: 4
Test Level: 49.58300018310547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705423
Test Type: Draw Down
Test Duration: 10
Test Level: 53.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705424
Test Type: Draw Down
Test Duration: 15
Test Level: 54.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705438
Test Type: Recovery
Test Duration: 20
Test Level: 39.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705442
Test Type: Recovery
Test Duration: 50
Test Level: 39.41699981689453
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1009705420

Test Type:	Draw Down
Test Duration:	3
Test Level:	48.33300018310547
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1009705430
Test Type:	Draw Down
Test Duration:	60
Test Level:	56.58300018310547
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1009705432
Test Type:	Recovery
Test Duration:	2
Test Level:	48.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1009705435
Test Type:	Recovery
Test Duration:	5
Test Level:	44.75
Test Level UOM:	ft

Water Details

Water ID:	1009701491
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	10.0
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1009700169
Diameter:	11.5
Depth From:	0.0
Depth To:	20.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Hole Diameter

Hole ID:	1009700170
Diameter:	7.5
Depth From:	20.0
Depth To:	95.0
Hole Depth UOM:	ft
Hole Diameter UOM:	Inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
43	1 of 1	S/286.7	175.8 / -20.05	lot 7 con 2 ON	WWIS

Well ID:	4504287	**Flowing (Y/N):**	

Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/17/1976
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2104
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	007
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HAMILTON TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4504287.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/10/1976
Year Completed:	1976
Depth (m):	62.484
Latitude:	44.0216012673201
Longitude:	-78.1422811928779
X:	-78.14228103951069
Y:	44.021601262468536
Path:	450\4504287.pdf

Bore Hole Information

Bore Hole ID:	10283141	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	729035.30
Code OB Desc:		**North83:**	4878243.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	02/10/1976	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931905670
Layer:	4
Color:	2
General Color:	GREY
Material 1:	28
Material 1 Desc:	SAND
Material 2:	77
Material 2 Desc:	LOOSE

Material 3:
Material 3 Desc:
Formation Top Depth: 201.0
Formation End Depth: 205.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931905669
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 201.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931905667
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931905668
Layer: 2
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 12
Material 2 Desc: STONES
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 2.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964504287
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10831711
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930472328
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 203.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933353333
Layer: 1
Slot: 016
Screen Top Depth: 195.0
Screen End Depth: 199.0
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 6.0

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994504287
Pump Set At:
Static Level: 70.0
Final Level After Pumping: 190.0
Recommended Pump Depth: 195.0
Pumping Rate: 6.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 9
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934238476
Test Type: Recovery
Test Duration: 15
Test Level: 96.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934510810
Test Type:	Recovery
Test Duration:	30
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934766537
Test Type:	Recovery
Test Duration:	45
Test Level:	70.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935027580
Test Type:	Recovery
Test Duration:	60
Test Level:	70.0
Test Level UOM:	ft

Water Details

Water ID:	933753423
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	205.0
Water Found Depth UOM:	ft

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44 | ***1 of 1*** | ***WSW/287.3*** | ***153.0 / -42.79*** | ***lot 8 con 3 ON*** | ***WWIS***

Well ID:	4510119	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	10/22/1993
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	134406	***Contractor:***	2553
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	008
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4510119.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/04/1993
Year Completed:	1993
Depth (m):	48.4632
Latitude:	44.0249853247059
Longitude:	-78.1476373111138
X:	-78.14763715703351
Y:	44.024985320960845
Path:	451\4510119.pdf

Bore Hole Information

Bore Hole ID:	10288841	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	728593.00
Code OB Desc:		**North83:**	4878604.00
Open Hole:		**Org CS:**	N83
Cluster Kind:		**UTMRC:**	3
Date Completed:	09/04/1993	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	
Location Method Desc:			
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931928581
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	37.0
Formation End Depth:	102.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928584
Layer:	6
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	157.0
Formation End Depth:	159.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928582
Layer:	4
Color:	2
General Color:	GREY
Material 1:	14
Material 1 Desc:	HARDPAN
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	102.0
Formation End Depth:	131.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928579
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	03
Material 1 Desc:	MUCK
Material 2:	81
Material 2 Desc:	SANDY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928583
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	08
Material 1 Desc:	FINE SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	131.0
Formation End Depth:	157.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931928580
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	

Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964510119
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10837411
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930478610
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994510119
Pump Set At:
Static Level:
Final Level After Pumping: 120.0
Recommended Pump Depth: 100.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 935026698
Test Type: Draw Down
Test Duration: 60
Test Level: 120.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934238209
Test Type: Draw Down
Test Duration: 15
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934519698
Test Type: Draw Down
Test Duration: 30
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934775646
Test Type: Draw Down
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933759496
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 137.0
Water Found Depth UOM: ft

Water Details

Water ID: 933759497
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 157.0
Water Found Depth UOM: ft

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45 | ***1 of 1*** | ***SSE/289.5*** | ***205.7 / 9.82*** | ***0 Community Center Rd. lot 6 con 2 Baltimore ON*** | ***WWIS***

Well ID: 7388683
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: S8KEXF4N
Tag: A315501
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 06/03/2021
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7560
Form Version: 9
Owner:
County: NORTHUMBERLAND
Lot: 006
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Municipality: HAMILTON TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/738\7388683.pdf

Additional Detail(s) (Map)

Well Completed Date: 03/25/2021
Year Completed: 2021
Depth (m): 33.2232
Latitude: 44.022218482283
Longitude: -78.1388864832846
X: -78.13888632955172
Y: 44.02221847754021
Path: 738\7388683.pdf

Bore Hole Information

Bore Hole ID: 1008659196
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/25/2021
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 729305.00
North83: 4878321.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1008659346
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 66
Material 3 Desc: DENSE
Formation Top Depth: 0.0
Formation End Depth: 13.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1008659347
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11

Material 2 Desc:	GRAVEL
Material 3:	66
Material 3 Desc:	DENSE
Formation Top Depth:	13.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659348
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	80.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1008659349
Layer:	4
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	105.0
Formation End Depth:	109.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008659490
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1008659464
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1008659491
Layer: 2
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1008659251
Method Construction Code: B
Method Construction: Other Method
Other Method Construction: DR-12W

Pipe Information

Pipe ID: 1008659231
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1008659402
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2.0
Depth To: 105.0
Casing Diameter: 6.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1008659403
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: 105.0
Depth To: 109.0
Casing Diameter: 5.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1008659415
Layer: 1
Slot: 35
Screen Top Depth: 105.0
Screen End Depth: 109.0
Screen Material: 8
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 5.25

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1008659232

Pump Set At:
Static Level: 9.699999809265137
Final Level After Pumping: 92.5
Recommended Pump Depth: 102.0
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:
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1008659639
Test Type: Draw Down
Test Duration: 30
Test Level: 88.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659825
Test Type: Recovery
Test Duration: 1
Test Level: 76.4000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659642
Test Type: Draw Down
Test Duration: 60
Test Level: 92.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659630
Test Type: Draw Down
Test Duration: 1
Test Level: 22.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659828
Test Type: Recovery
Test Duration: 4
Test Level: 51.79999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659829
Test Type: Recovery
Test Duration: 5

Test Level: 46.29999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659831
Test Type: Recovery
Test Duration: 15
Test Level: 12.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659833
Test Type: Recovery
Test Duration: 25
Test Level: 9.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659834
Test Type: Recovery
Test Duration: 30
Test Level: 9.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659635
Test Type: Draw Down
Test Duration: 10
Test Level: 74.4000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659640
Test Type: Draw Down
Test Duration: 40
Test Level: 90.0999984741211
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659632
Test Type: Draw Down
Test Duration: 3
Test Level: 44.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659826
Test Type: Recovery
Test Duration: 2
Test Level: 66.30000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659835
Test Type: Recovery
Test Duration: 40
Test Level: 9.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659641
Test Type: Draw Down
Test Duration: 50
Test Level: 91.4000015258789
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659832
Test Type: Recovery
Test Duration: 20
Test Level: 9.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659836
Test Type: Recovery
Test Duration: 50
Test Level: 9.699999809265137
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659631
Test Type: Draw Down
Test Duration: 2
Test Level: 32.70000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659634
Test Type: Draw Down
Test Duration: 5
Test Level: 57.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659636
Test Type: Draw Down
Test Duration: 15
Test Level: 81.19999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659637
Test Type: Draw Down

Test Duration: 20
Test Level: 84.69999694824219
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659638
Test Type: Draw Down
Test Duration: 25
Test Level: 86.80000305175781
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659827
Test Type: Recovery
Test Duration: 3
Test Level: 58.29999923706055
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659830
Test Type: Recovery
Test Duration: 10
Test Level: 29.299999237060547
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659633
Test Type: Draw Down
Test Duration: 4
Test Level: 51.70000076293945
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1008659837
Test Type: Recovery
Test Duration: 60
Test Level: 9.699999809265137
Test Level UOM: ft

Water Details

Water ID: 1008659282
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 109.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1008659444
Diameter: 11.5
Depth From: 0.0
Depth To: 20.0
Hole Depth UOM: ft

Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1008659445
Diameter: 7.5
Depth From: 20.0
Depth To: 109.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

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46 | **1 of 2** | **NNE/292.7** | **193.3 / -2.55** | **lot 6 con 3 ON** | **WWIS**

Well ID: 4506684
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/26/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1572
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot: 006
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4506684.pdf

Additional Detail(s) (Map)

Well Completed Date: 05/29/1985
Year Completed: 1985
Depth (m): 25.6032
Latitude: 44.0331075427614
Longitude: -78.1394192094019
X: -78.13941905545735
Y: 44.033107538862005
Path: 450\4506684.pdf

Bore Hole Information

Bore Hole ID: 10285415
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/29/1985
Remarks:
Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:

Elevation:
Elevrc:
Zone: 17
East83: 729220.30
North83: 4879529.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

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

Overburden and Bedrock Materials Interval

Formation ID: 931914192
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931914193
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 13
Material 3 Desc: BOULDERS
Formation Top Depth: 3.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931914194
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 05
Material 2 Desc: CLAY
Material 3: 73
Material 3 Desc: HARD
Formation Top Depth: 50.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931914195
Layer: 4
Color: 6

General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	84.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964506684
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10833985
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930474847
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	84.0
Casing Diameter:	7.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933353818
Layer:	1
Slot:	010
Screen Top Depth:	80.0
Screen End Depth:	86.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994506684
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	80.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934509712
Test Type:	
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934773363
Test Type:	
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934236418
Test Type:	
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935025515
Test Type:	
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933755872
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.0
Water Found Depth UOM:	ft

46 | ***2 of 2*** | ***NNE/292.7*** | ***193.3 / -2.55*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	4506869	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	10/26/1987
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	18783	**Contractor:**	2104
Tag:		**Form Version:**	1

Constructn Method:		**Owner:**	
Elevation (m):		**County:**	NORTHUMBERLAND
Elevatn Reliabilty:		**Lot:**	006
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/450\4506869.pdf

Additional Detail(s) (Map)

Well Completed Date:	09/15/1987
Year Completed:	1987
Depth (m):	15.8496
Latitude:	44.0331075427614
Longitude:	-78.1394192094019
X:	-78.13941905545735
Y:	44.033107538862005
Path:	450\4506869.pdf

Bore Hole Information

Bore Hole ID:	10285600	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	729220.30
Code OB Desc:		**North83:**	4879529.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	09/15/1987	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931914935
Layer:	3
Color:	
General Color:	
Material 1:	10
Material 1 Desc:	COARSE SAND
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	
Material 3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931914933
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931914934
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964506869
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10834170
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930475035
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	52.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994506869
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	27.0
Recommended Pump Depth:	47.0
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:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934236991
Test Type:	
Test Duration:	15
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934510285
Test Type:	
Test Duration:	30
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935026507
Test Type:	
Test Duration:	60
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934773936
Test Type:	
Test Duration:	45
Test Level:	27.0
Test Level UOM:	ft

Water Details

Water ID:	933756070
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52.0
Water Found Depth UOM:	ft

47	***1 of 1***	***NNE/292.7***	***193.3 / -2.55***	***lot 6 con 3 ON***	***WWIS***

Well ID:	4511706	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	03/19/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	199675	***Contractor:***	6874
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	NORTHUMBERLAND
Elevatn Reliabilty:		***Lot:***	006
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	HAMILTON TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/451\4511706.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/26/1999
Year Completed:	1999
Depth (m):	5.4864
Latitude:	44.0331075115299
Longitude:	-78.1394179629801
X:	-78.13941780949446
Y:	44.03310750786197
Path:	451\4511706.pdf

Bore Hole Information

Bore Hole ID:	10290423	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	729220.40
Code OB Desc:		***North83:***	4879529.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	02/26/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931935807
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964511706
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10838993
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930480608
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 18.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994511706
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 0.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 2.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934517039
Test Type: Recovery
Test Duration: 30
Test Level: 16.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	935040583
Test Type:	Recovery
Test Duration:	60
Test Level:	14.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934243778
Test Type:	Recovery
Test Duration:	15
Test Level:	17.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934772419
Test Type:	Recovery
Test Duration:	45
Test Level:	15.0
Test Level UOM:	ft

Water Details

Water ID:	933761386
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	18.0
Water Found Depth UOM:	ft

Unplottable Summary

Total: 22 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 6 Con 8	Hamilton ON	
CA	1036210 Ontario Ltd.	Lot 6 & 8, Plan 427	Hamilton ON	
CA	Blossom Estates	Lot 6 & 8	Hamilton ON	
CA	HAMILTON TOWNSHIP	HWY #45/CONC. 3	HAMILTON TWP. ON	
CA	Blossom Estates	Lot 6 & 8	Hamilton ON	
ECA	Vincent Citino and John Piano	Lot 6 & 8	Hamilton ON	L9C 4P4
ECA	BBL.CON Design Build Solutions Limited	Lot 8, Concession 3	Hamilton ON	B3M 0N5
ECA	Vincent Citino and John Piano	Lot 6 & 8	Hamilton ON	L9C 4P4
GEN	861178 ONT. LTD.	LOT 8, CONC. 3	HAMILTON TOWNSHIP ON	K0K 1C0
GEN	NORTHUMBERLAND & NEWCASTLE BD OF ED	BALTIMORE PUBLIC SCHOOL, BOX 120 BALTIMORE, LOT 7, CONC. 3	HAMILTON TWP. ON	K0K 1C0
GEN	861178 ONTARIO LTD.	LOT 8, CONCESSION 3	HAMILTON TOWNSHIP ON	
PES	755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD	BOX 218	BALTIMORE ON	K0K 1C0
PTTW	Rothsay - A Member of Maple Leaf Foods	Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON	ON	
PTTW	Gerald Finlay Construction Limited	Lot 7 Concession 2 TOWNSHIP OF HAMILTON	ON	
PTTW	Rothsay - A Member of Maple Leaf Foods	Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON	ON	
PTTW	Rothsay - A Member of Maple Leaf Foods	Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON	ON	

PTTW	Rothsay - A Member of Maple Leaf Foods	Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON	ON
REC	NORTHUMBERLAND, CORP. OF THE COUNTY OF	PT LOT 7 & 8, CONC. 2	HAMILTON TWP. ON
SPL	G.S. FROGGETT & SONS	HWY 45 SERVICE STATION	HAMILTON TWP. ON
SPL	ONTARIO HYDRO	LOT 7, CONCESSION III, HARWOOD ROAD MOTOR VEHICLE (OPERATING FLUID)	HAMILTON TWP. ON
WWIS		con 2	ON
WWIS		con 2	ON

Unplottable Report

Site:
Lot 6 Con 8 Hamilton ON

Database: ***AAGR***

Type:	Pit
Region/County:	Northumberland
Township:	Hamilton
Concession:	8
Lot:	6
Size (ha):	0.3
Landuse:	
Comments:	

Site: ***1036210 Ontario Ltd.***
Lot 6 & 8, Plan 427 Hamilton ON

Database: ***CA***

Certificate #:	8080-6EFM24
Application Year:	2005
Issue Date:	7/20/2005
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: ***Blossom Estates***
Lot 6 & 8 Hamilton ON

Database: ***CA***

Certificate #:	2436-4P6KER
Application Year:	00
Issue Date:	9/15/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Vincent Citino And John Piano
Client Address:	59 Bonaventure Drive
Client City:	Hamilton
Client Postal Code:	L9C 4P4
Project Description:	Watermains to be constructed on Fortissimo Drive, Forbes Street, and Street A
Contaminants:	
Emission Control:	

Site: ***HAMILTON TOWNSHIP***
HWY #45/CONC. 3 HAMILTON TWP. ON

Database: ***CA***

Certificate #:	3-0267-96-
Application Year:	96
Issue Date:	4/26/1996
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	

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

Site: ***Blossom Estates***
Lot 6 & 8 Hamilton ON

Database: ***CA***

Certificate #: 5853-4P6KKW
Application Year: 00
Issue Date: 9/15/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Vincent Citino And John Piano
Client Address: 59 Bonaventure Drive
Client City: Hamilton
Client Postal Code: L9C 4P4
Project Description: Storm and Sanitary sewers to be constructed on Fortissimo Drive, Forbes Street and Street A
Contaminants:
Emission Control:

Site: ***Vincent Citino and John Piano***
Lot 6 & 8 Hamilton ON L9C 4P4

Database: ***ECA***

Approval No: 2436-4P6KER
Approval Date: 2000-09-15
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Business Name: Vincent Citino and John Piano
Address: Lot 6 & 8
Full Address:
Full PDF Link:
PDF Site Location:

Site: ***BBL.CON Design Build Solutions Limited***
Lot 8, Concession 3 Hamilton ON B3M 0N5

Database: ***ECA***

Approval No: 2357-BZGNPJ
Approval Date: 2021-03-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X: -8901304.6325
Geometry Y: 5345855.8686000025
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: BBL.CON Design Build Solutions Limited
Address: Lot 8, Concession 3
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2927-BZ7HPR-14.pdf
PDF Site Location:

Site: ***Vincent Citino and John Piano***
Lot 6 & 8 Hamilton ON L9C 4P4

Database: ***ECA***

Approval No:	5853-4P6KKW	***MOE District:***	
Approval Date:	2000-09-15	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Vincent Citino and John Piano
Address: Lot 6 & 8
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3737-4NYQ7S-14.pdf
PDF Site Location:

Site: ***861178 ONT. LTD.***
LOT 8, CONC. 3 HAMILTON TOWNSHIP ON K0K 1C0

Database: ***GEN***

Generator No: ON2047700
SIC Code: 4561
SIC Description: GEN. FREIGHT TRUCK.
Approval Years: 95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: ***NORTHUMBERLAND & NEWCASTLE BD OF ED***
BALTIMORE PUBLIC SCHOOL, BOX 120 BALTIMORE, LOT 7, CONC. 3 HAMILTON TWP. ON K0K 1C0

Database: ***GEN***

Generator No: ON0268846
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.
Approval Years: 93,94,95,96,97
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Site: ***861178 ONTARIO LTD.***
LOT 8, CONCESSION 3 HAMILTON TOWNSHIP ON

Database: ***GEN***

Generator No: ON2047700
SIC Code: 4561

SIC Description: GEN. FREIGHT TRUCK.
Approval Years: 99,00,01
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: ***755088 ONTARIO LIMITED/UNITED PEST CONTROL PLUS LTD***
BOX 218 BALTIMORE ON K0K 1C0

Database: ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Operator
Licence Type Code: 02
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Site: ***Rothsay - A Member of Maple Leaf Foods***
Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON ON

Database: ***PTTW***

EBR Registry No: 010-9319
Ministry Ref No: 4717-832N8W
Notice Type: Instrument Decision
Notice Stage:
Notice Date: November 26, 2014
Proposal Date: March 08, 2010
Year: 2010
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Rothsay - A Member of Maple Leaf Foods
Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O. Box 8270, Dundas Ontario, L9H 5G1
Comment Period:
URL:

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

Site Location Details:

Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON

Site: ***Gerald Finlay Construction Limited***
Lot 7 Concession 2 TOWNSHIP OF HAMILTON ON

Database: ***PTTW***

EBR Registry No: IA7E1771
Ministry Ref No: ER-2515
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 02, 1998
Proposal Date: December 03, 1997
Year: 1997
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Gerald Finlay Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: R. R. #2, Baltimore Ontario, K0K 1C0
Comment Period:
URL:

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

Site Location Details:

Lot 7 Concession 2 TOWNSHIP OF HAMILTON

Site: ***Rothsay - A Member of Maple Leaf Foods***
Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON ON

Database: ***PTTW***

EBR Registry No: 010-9320
Ministry Ref No: 4653-832NFU
Notice Type: Instrument Decision
Notice Stage:
Notice Date: October 19, 2010
Proposal Date: March 08, 2010
Year: 2010
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Rothsay - A Member of Maple Leaf Foods
Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O. Box 8270, Dundas Ontario, L9H 5G1
Comment Period:
URL:

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

Site Location Details:

Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON

Site: ***Rothsay - A Member of Maple Leaf Foods***
Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON ON

Database: ***PTTW***

EBR Registry No: 010-9317
Ministry Ref No: 1215-832M62
Notice Type: Instrument Decision
Notice Stage:
Notice Date: January 23, 2015
Proposal Date: March 08, 2010
Year: 2010
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Rothsay - A Member of Maple Leaf Foods

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

Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O. Box 8270, Dundas Ontario, L9H 5G1
Comment Period:
URL:

Site Location Details:

Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON

Site: ***Rothsay - A Member of Maple Leaf Foods***
Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON ON

Database: ***PTTW***

EBR Registry No: 010-9318
Ministry Ref No: 6047-832N3G
Notice Type: Instrument Decision
Notice Stage:
Notice Date: November 26, 2014
Proposal Date: March 08, 2010
Year: 2010
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Rothsay - A Member of Maple Leaf Foods
Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O. Box 8270, Dundas Ontario, L9H 5G1
Comment Period:
URL:

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

Site Location Details:

Lot 6, Concession 2, City of Hamilton CITY OF HAMILTON

Site: ***NORTHUMBERLAND, CORP. OF THE COUNTY OF***
PT LOT 7 & 8, CONC. 2 HAMILTON TWP. ON

Database: ***REC***

ID:
Company ID:
Receiver No: A311801
Co Admin:
Choice of Contact:
Rec Div:
Rec Op Div:
Rec Op Name:
Site Bldg:
Facility Type: LANDFILL
Approval Yrs: 1986; 1987; 1988; 1989; 1990; 1997; 1998; 2006; 2007; 2008

Province In: ONTARIO
Province Out:
County Out:
Mail Addr:
Site PO Box:

1990 Receiver Manifest Details

Conumber: A311801
Gen Dist: 100
Gen District Office Name: ONTARIO
Gen Region Code: 00
Gen Region Office Name: **UNDEFINED*
Gen Sic: 2713
NAICS Desc: PAPERBOARD INDUSTRY
Waste Code: 270
Waste Class: OTHER SPECIFIED ORGANICS
No Wastes: 2

Quantity:	29210
Old New:	N
Waste Type:	ORGANIC MISCELL.
Date From:	900101
Date To:	901231
Rec Date:	910411

Site: ***G.S. FROGGETT & SONS***
HWY 45 SERVICE STATION HAMILTON TWP. ON

Database: ***SPL***

Ref No:	35233	***Municipality No:***	61609
Year:		***Nature of Damage:***	
Incident Dt:	5/25/1990	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	5/25/1990	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	MCCR
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	HAMILTON TWP.		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	UNDERGROUND TANK LEAK		
Incident Preceding Spill:			
Environment Impact:	NOT ANTICIPATED		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Incident Reason:	OVERSTRESS/OVERPRESSURE		
Incident Summary:	G.S. FROGGETT &SONS: 25L FUEL TO GROUND AT SERVICESTATION VIA TANK VENT		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			

Site: ***ONTARIO HYDRO***
LOT 7, CONCESSION III, HARWOOD ROAD MOTOR VEHICLE (OPERATING FLUID) HAMILTON TWP. ON

Database: ***SPL***

Ref No:	82526	***Municipality No:***	61609
Year:		***Nature of Damage:***	
Incident Dt:	3/8/1993	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	3/8/1993	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:			

MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: HAMILTON TWP.
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: PIPE/HOSE LEAK
Incident Preceding Spill:
Environment Impact: POSSIBLE
Health Env Consequence:
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: OVERSTRESS/OVERPRESSURE
Incident Summary: ONTARIO HYDRO-7L HYDRAUL-IC OIL TO GROUND DUE TO BLOWN HYDRAULIC HOSE.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site:
con 2 ON

Database: ***WWIS***

Well ID: 4506403
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/20/1986
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3129
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot:
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10285136
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/09/1986
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931913156
Layer: 3
Color:
General Color:
Material 1: 28
Material 1 Desc: SAND
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3: 84
Material 3 Desc: SILTY
Formation Top Depth: 10.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913155
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 84
Material 2 Desc: SILTY
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913154
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913157
Layer: 4
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931913158
Layer: 5
Color:
General Color:
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 91
Material 2 Desc: WATER-BEARING
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964506403
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10833706
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930474560
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 38.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 994506403
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 22.0
Recommended Pump Depth: 36.0
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934772709
Test Type:
Test Duration: 45
Test Level: 21.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934244113
Test Type:
Test Duration: 15
Test Level: 17.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934508639
Test Type:
Test Duration: 30
Test Level: 19.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935033630
Test Type:
Test Duration: 60
Test Level: 22.0
Test Level UOM: ft

Water Details

Water ID: 933755560
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 25.0
Water Found Depth UOM: ft

Site: ***Database:*** ***WWIS***
con 2 ON

Well ID: 4509246 ***Flowing (Y/N):***

Construction Date:
Use 1st: Municipal
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 71846
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HAMILTON TOWNSHIP
Site Info:

Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/02/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3129
Form Version: 1
Owner:
County: NORTHUMBERLAND
Lot:
Concession: 02
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10287969
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/18/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931924694
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3: 11
Material 3 Desc: GRAVEL
Formation Top Depth: 40.0
Formation End Depth: 115.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931924693
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 85

Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931924695
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 115.0
Formation End Depth: 116.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931924696
Layer: 4
Color: 8
General Color: BLACK
Material 1: 26
Material 1 Desc: ROCK
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 116.0
Formation End Depth: 116.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933165045
Layer: 1
Plug From: 0.0
Plug To: 10.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964509246
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10836539
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930477621
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	116.0
Casing Diameter:	7.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994509246
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	105.0
Recommended Pump Depth:	100.0
Pumping Rate:	10.0
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:	4
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934508757
Test Type:	Recovery
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934772929
Test Type:	Recovery
Test Duration:	45
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934244243
Test Type:	Recovery
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935033305
Test Type:	Recovery
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

Water Details

Water ID:	933758591
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	116.0
Water Found Depth UOM:	ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Apr 30, 2024

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Mar 2024

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Mar 31, 2024

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Apr 30, 2024

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Mar 31, 2024

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Apr 30, 2024

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Oct 2023

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Mar 2024

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic: Provincial FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory 1993-2020: Federal NPR2

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

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Feb 29, 2024

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Apr 30, 2024

NPRI Reporters - PFAS Substances: Federal PFCH

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

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI: Federal PFHA

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

Government Publication Date: Sep 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Feb 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Apr 30, 2024

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

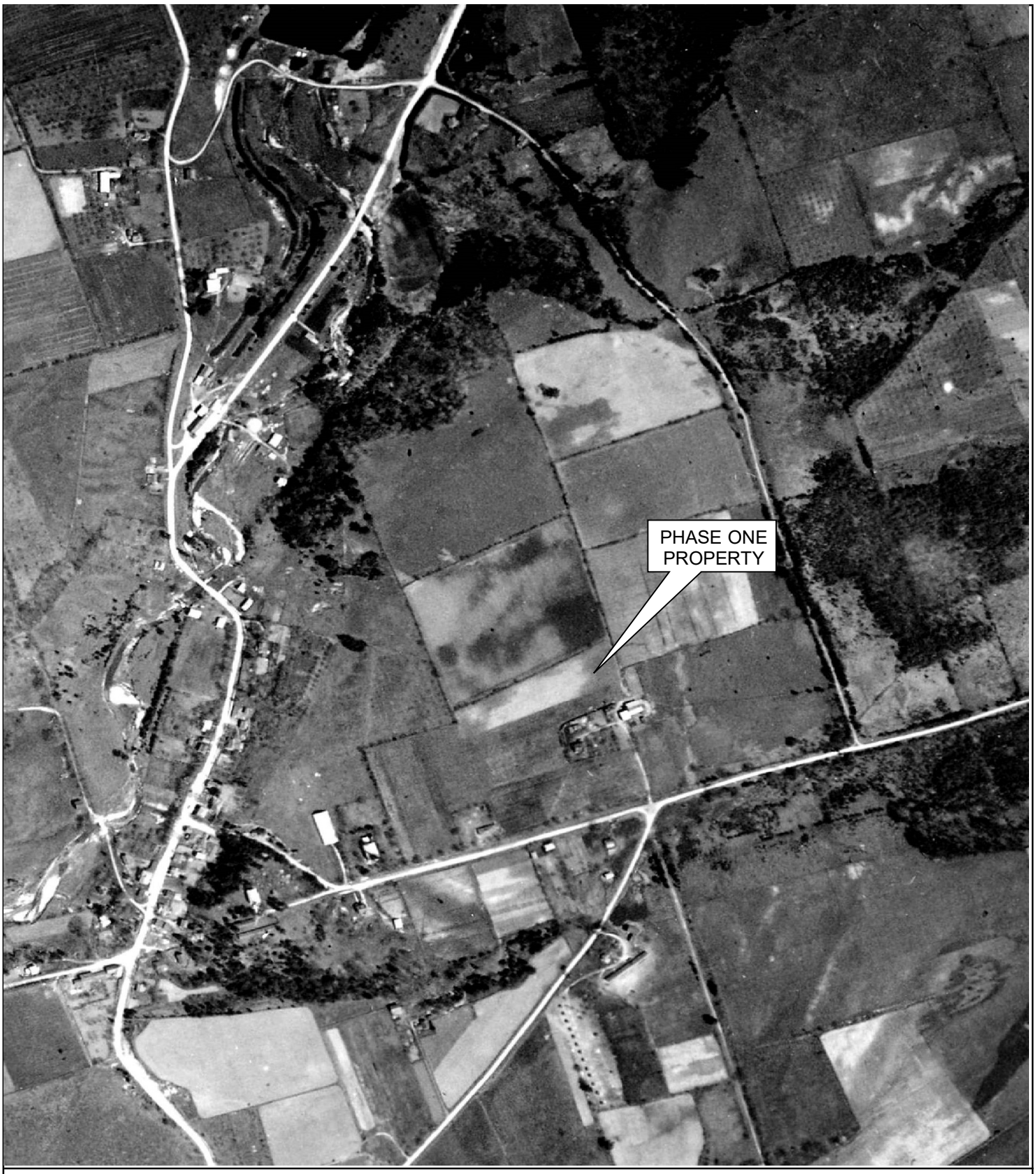
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number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

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

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

Appendix B

Aerial Photographs



AERIAL PHOTOGRAPHY - 1929

Proposed Residential Development

9380 Burwash Road

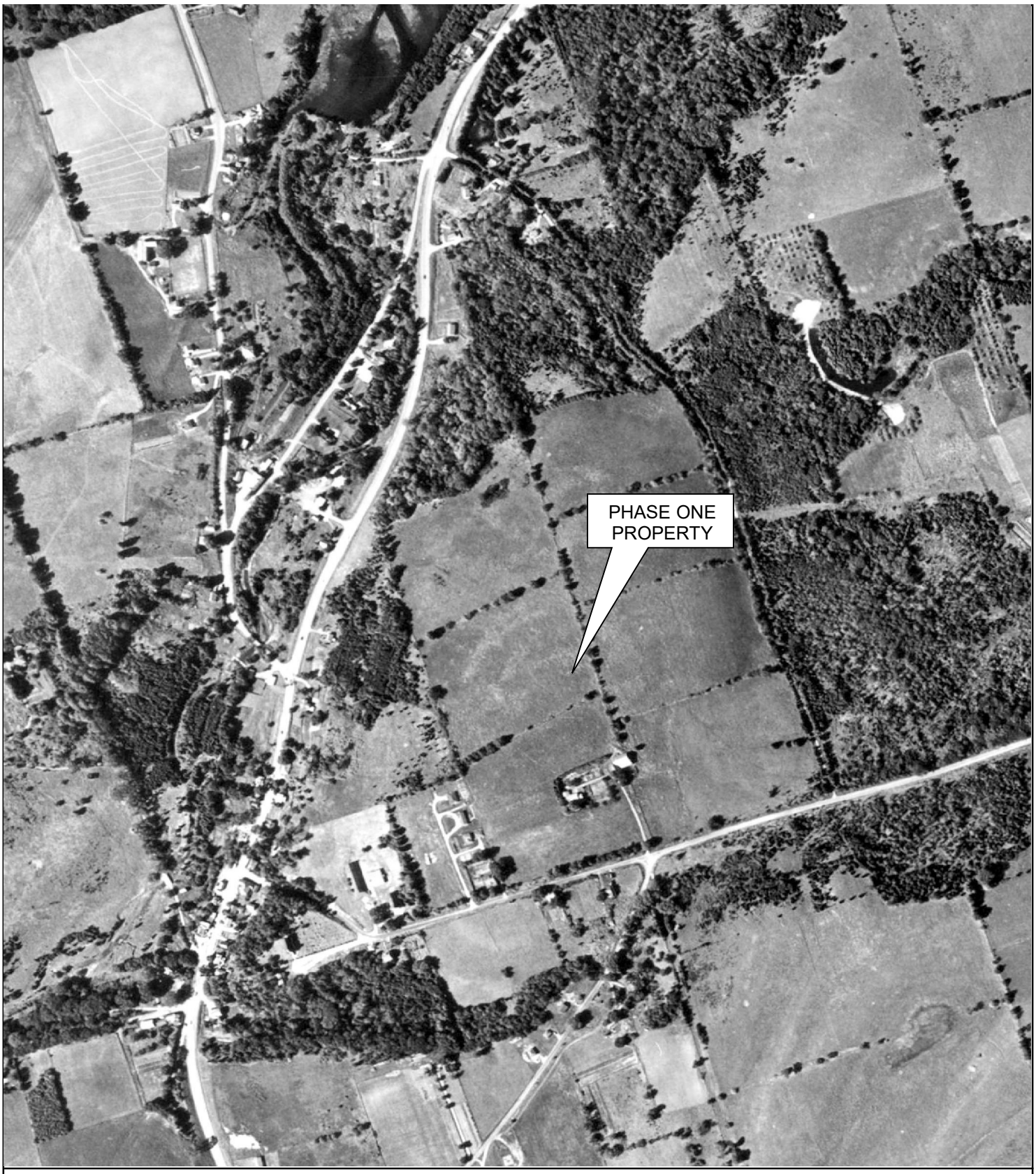
Baltimore, Ontario

Scale: Not Available

Source: National Airphoto Library, dated 1929

12639057-01

July 2024



AERIAL PHOTOGRAPHY - 1960

Proposed Residential Development

9380 Burwash Road

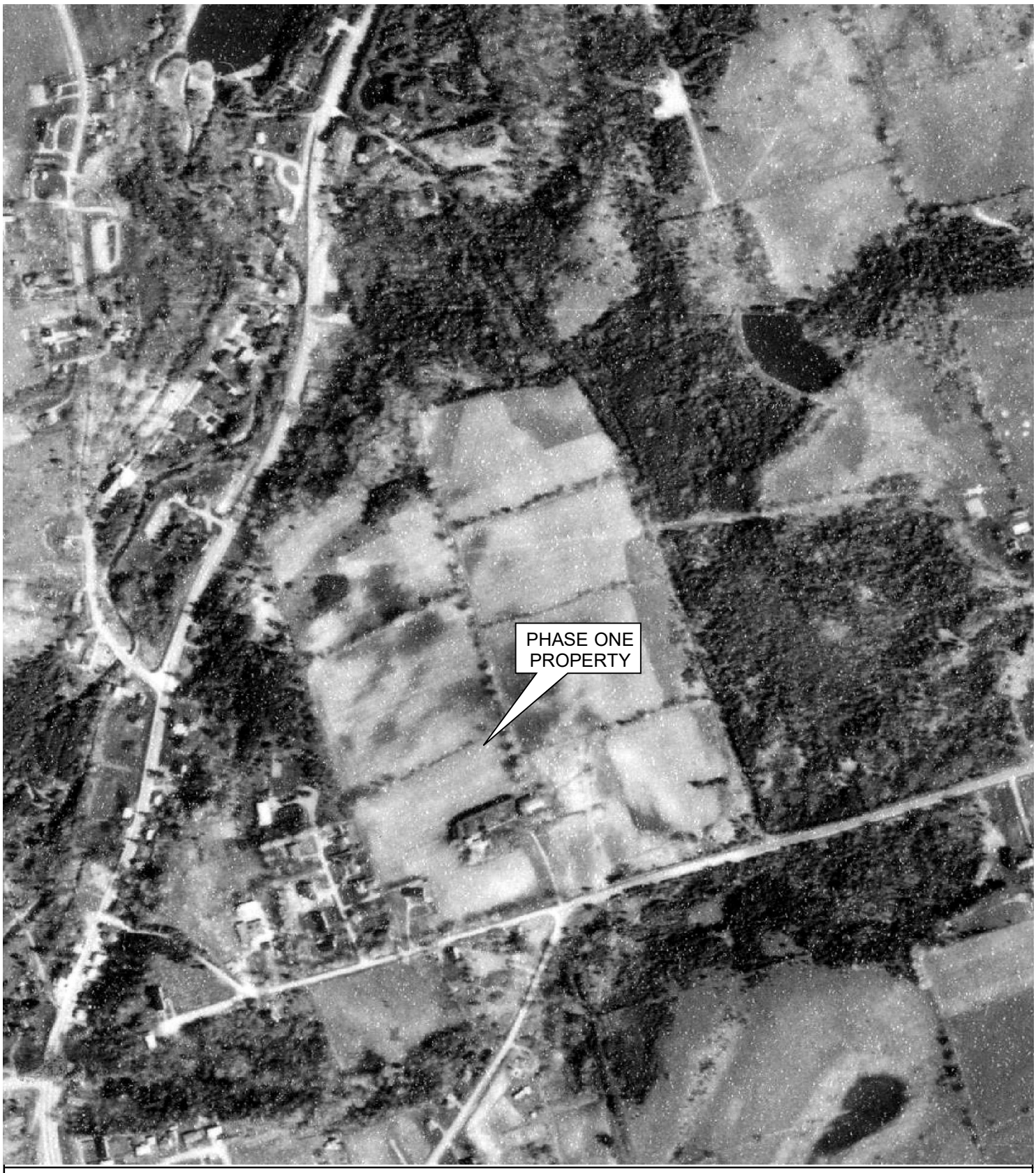
Baltimore, Ontario

Scale: Not Available

Source: National Airphoto Library, dated 1960

12639057-01

July 2024



AERIAL PHOTOGRAPHY - 1981

Proposed Residential Development

9380 Burwash Road

Baltimore, Ontario

Scale: Not Available

Source: National Airphoto Library, dated 1981

12639057-01

July 2024



AERIAL PHOTOGRAPHY - 2009

Proposed Residential Development

9380 Burwash Road

Baltimore, Ontario

Scale: Refer to Scale Bar

GHD

12639057-01

July 2024

Source: Google Earth. Image dated 2009. © 2024 Google.



AERIAL PHOTOGRAPHY - 2012

Proposed Residential Development

9380 Burwash Road

Baltimore, Ontario

Scale: Refer to Scale Bar

GHD

12639057-01

July 2024

Source: Google Earth. Image dated 2012. © 2024 Google.



AERIAL PHOTOGRAPHY - 2017

Proposed Residential Development

9380 Burwash Road

Baltimore, Ontario

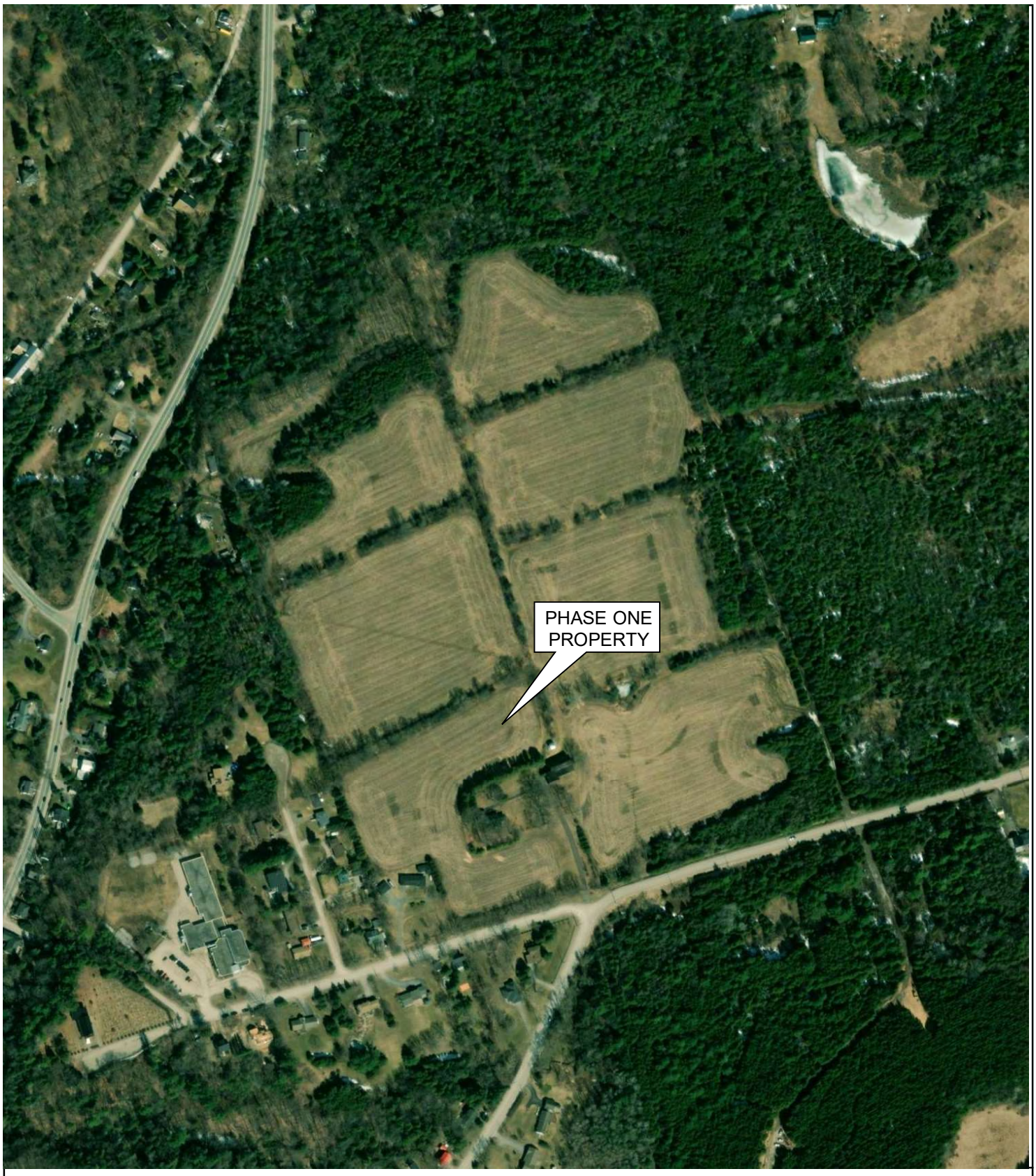
Scale: Refer to Scale Bar

GHD

12639057-01

July 2024

Source: Google Earth. Image dated 2017. © 2024 Google.



AERIAL PHOTOGRAPHY - 1923

Proposed Residential Development

9380 Burwash Road

Baltimore, Ontario

Scale: Not Available

Source: Maxar Technologies, dated 2023

12639057-01

July 2024

Appendix C

Property Photographs



Photo 1 - View of the Property from entrance to agricultural fields.



Photo 2 - Looking westerly at the private residence on the south end of the Property.

Site Photographs



Photo 3 - Water well located north of the residence.



Photo 4 - Vent and fill pipes located off southeast end of residence for a heating oil AST in the basement.

Site Photographs



Photo 5 - Looking northeasterly at the barn building.



Photo 6 - Looking westerly in the east side of the barn building. One empty drum.

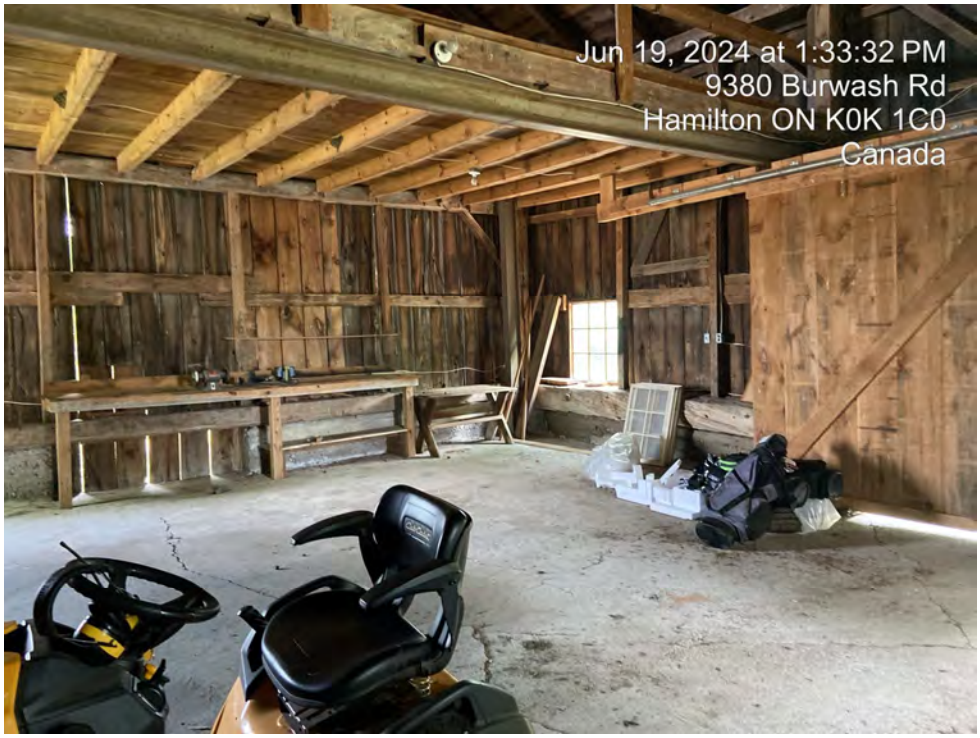


Photo 7 - Looking southerly at the east end of the barn.

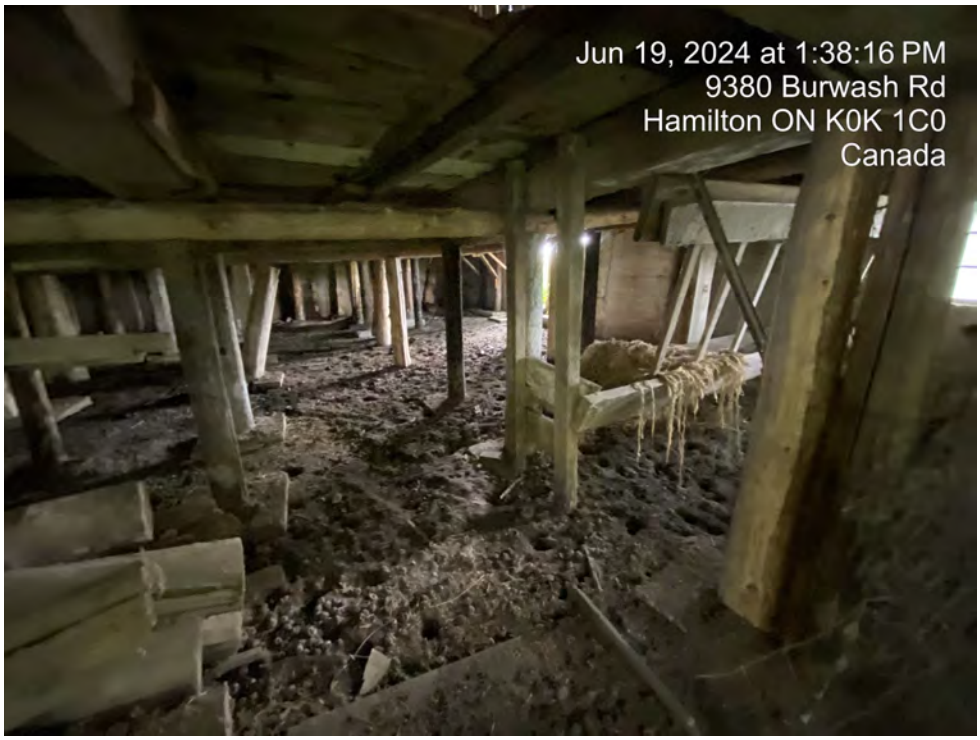


Photo 8 - Looking northerly along the first floor of the barn interior east end.



Photo 9 - Looking northerly at northwest end of the barn interior.



Photo 10 - Looking southeasterly at the small silo building.



Photo 11 - Looking easterly at agricultural fields in northeast end.



Photo 12 - Looing northerly at the agricultural fields.



Photo 13 - Small engine repair to the north of the Property, on Lime Kiln Trail.



Photo 14 - Baltimore Public School located west of the Property.

Appendix D

Qualifications of Site Assessors

Robert Neck, P.Geo. (Limited)

Senior Geoscientist

Qualified (Education): M.Eng.(Civil Engineering), 2005; B.Sc. (Environmental Science), 1997.

Connected (professional affiliations): Registered Professional Geoscientist (Limited), Association of Professional Geoscientists of Ontario

Professional Summary: Robert undertakes and manages Environmental Site Assessments and Hydrogeological projects including geotechnical assessments, remediation and environmental consultation to facilitate improved outcomes for clients on their projects. Robert utilizes effective and competent communication mechanisms to inform clients regarding project progress, outcomes and manage change management regarding scope and cost. Robert's outputs on projects are invariably well received.

Environmental Site Assessment projects

Project Manager | Various Environmental Site Assessment locations throughout Ontario | 2008 – present

Robert has conducted and managed over 100 ESAs of various properties for due diligence and Record of Site Condition purposes throughout Ontario. His involvement in the projects includes Phase One and Two ESAs conducting site reconnaissance, interviews, records reviews, sampling and analysis planning, coordination of drilling and report preparation.

Robert facilitated liaison with the clients throughout the duration of the projects as well as with various banks, real estate agents, developers and private clients. Also includes interaction with the Ministry of the Environment and Climate Change for Records of Site Condition in the successful completion of these projects.

Hydrogeological and Geotechnical projects

Project Manager| Various locations throughout Ontario | 2008 – present

Robert has been integral in managing hydrogeological and geotechnical projects to assess Permits To Take Water related to construction dewatering, and hydrogeological and geotechnical assessments related to subdivision development (private and municipally serviced) and master environmental servicing plans (MESPs) within the Durham Region.

Robert's involvement includes coordination of team members, and communication of information to City and Conservation Authority staff. He has also coordinated liaison with peer reviewers and other regulatory agencies in the successful completion of these projects.

Remediation projects

Project Manager | Various locations throughout Ontario | 1999 – present

Robert has managed remedial projects that have varied from heating oil spills and gas and service station to large scale industrial site remedial activities. Remediation of contaminants includes metals, petroleum hydrocarbons, chlorinated solvents, and polychlorinated biphenyls including soil, groundwater and sediment media.

Robert's project management duties involve coordination and liaison with numerous regulatory agencies including TSSA, MOECC, MNR, DFO, and Conservation Authorities. Robert has successfully coordinated and managed the clean-up of a number of contaminated sites including those to meet the applicable MOECC Standards for submission of a Record of Site Condition.

Robert's been successful at managing and coordinating numerous teams on projects to meet milestones and goals including the successful management of 40 sub-contractors and over 20,000 hours without a reportable incident to complete the project.

Environmental projects

Project Manager and Staff Scientist | Various locations throughout Ontario | 1998 – 2008

Robert was involved in numerous Phase One and Two ESAs and environmental investigations across Ontario including Moosonee, Sarnia, and Deloro and other provinces and states including Newfoundland and Maine. Has supervised and conducted drilling and test pitting; sampled soil, groundwater, sediment and surface water and was an integral part of consulting teams designed to produce results for various clients.

Robert Neck
Senior Project Manager

Designated Substances Surveys

Project Manager | Various locations throughout Ontario | 2008 – present

Robert has been the project manager of numerous DSS projects in southcentral Ontario. These projects include the inspection and characterization of materials such as asbestos, lead, mercury and PCBs for private and public clients during renovation and demolition projects. Have also completed DSS in response to MOL orders to enable clients to continue meeting their construction schedules.

Nuclear projects

Supervisor and Staff Scientist | Bruce Nuclear, Chalk River and Pickering Nuclear Generating Station | 1999 – 2002

Robert was involved in the supervision of the removal of 22 low level radioactive tile holes at Bruce Nuclear including health and safety inspections on ths $4M project. Collected sediment and soil samples from various lakes and streams at Chalk River Nuclear. Sediment and water samples were collected from the Ottawa River. At Pickering Nuclear provided oversight of a tritium investigation. Groundwater was also collected from approximately 150 wells, 10 sumps and 20 till drains, and rainwater from 12 gauges onsite and from areas with potentially elevated radioactivity. Supervised concrete coring, drilling and installation of monitoring wells inside the Pickering plant.

Work history

2014 – present	Project Manager, GHD, Peterborough, ON
2008 – 2014	Senior Project Manager, Geo-Logic, Peterborough, ON
1998 – 2008	Project Manager and Scientist, CH2M HILL, Kitchener-Waterloo, ON

Other related areas of interest

Recognized (Certifications/Trainings)

- OSHA 40-hour Hazardous Waste Worker, 1998 – Annual Refreshers 1999 – Present
- Standard First Aid with CPR Level A and AED, 2014
- WSIB Joint Health and Safety Management Chair and Committee Certified Member, Office Safety Captain
- Training courses through employee training programs (Construction, Hazardous Waste, Subcontractor Management, WHMIS, fall protection, negotiation training, confined space training etc.)

Lisa Gardiner H.B.Sc., A.Sc.T., PMP

Project Manager



Location

Peterborough, Ontario, Canada

Experience

23 years

Qualifications/Accreditations

– Project Management Professional (PMP), Project Management Institute, 2022
– Applied Science Technician (A.Sc.T). OACETT, 2004
– Honors Bachelor of Science (H.B.Sc.), Environmental Science/Physical Geography, Nipissing University, 1999
– Terrain and Water Technician, Sir Sandford Fleming College, Lindsay, 2000
– Standard First Aid with CPR Level A and AED, 2018
– WSIB Joint Health and Safety Management Chair and Committee Certified Member

Key technical skills

– Environmental Site Assessments
– Hydrogeological Assessments
– Waste Disposal Monitoring Programs
– Designated Substance Surveys

Relevant experience summary

Lisa has over 20 years of experience in the hydrogeologic and environmental fields on a wide range of sites throughout Ontario. Project Management for environmental projects including design of project scopes and estimates, preparation of technical reports, proposals, and budgets. Studies include annual landfill monitoring Reports, Phase I and Phase II Environmental Site Assessments (ESAs), Designated Substance Surveys and Hydrogeologic Assessments to support rural development and dewatering Permit to Take Water projects.

Environmental

– Experienced with Phase One and Two Environmental Site Assessments (ESA) using protocol documented by the MECP and Canadian Standards Association (CSA).
  - The Phase One and Two ESAs have been completed for banks, private individuals, and large corporations and have knowledge of filing these documents on the Environmental Registry as Record of Site Condition submissions.
– Directed and supervising environmental investigations and field exploration programs, including supervision of drilling (overburden and bedrock) and excavating activities and remedial programs.
– Completed vapour probe drilling and air monitoring.
– Completed UST removals in accordance with Technical Standards and Safety Authority (TSSA) guidelines.
– Building inspection and sampling collection for DSS. Assisted with air monitoring for asbestos abatement.
– Preparations of reports including Phase One and Two ESAs, and Designated Substance Surveys.

Hydrogeology

Hydrogeological Investigations

– Field experience in conducting hydrogeologic investigations including well surveys, water well sampling, aquifer performance testing and establishing programs for groundwater/surface.
– Conducted extensive work in groundwater, surface water and residential (drinking) water sampling in a variety of projects.
– Practical experience conducting studies and writing reports to assess hydrogeological conditions for proposed developments within privately serviced groundwater regions including evaluation of pump tests.
– Preparation of Hydrogeological Assessment reports in support of rural developments and Permits to Take Water.

Landfill Monitoring

– Directed and supervised landfill monitoring programs, including completion of proposals, managing budget, coordination of field work, and reporting.

Career history

2023 - present	GHD, Project Manager
2014 - 2023	WSP Canada Inc., Environmental Scientist
2009 - 2014	Genivar Inc., Environmental Scientist
2001 - 2009	Jagger Hims Limited, Environmental Scientist
2000 - 2001	Hydro-Geo Inc., Environmental Scientist

