Phase I Environmental Site Assessment

788277 Grey Road 13

Clarksburg, ON

April 28, 2023

Prepared for:
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1.0 Executive Summary

Austin and Jocelyn Keitner (the Client) retained Agile Response Consulting Limited (ARC) to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 788277 Grey Road 13 in Clarksburg, Ontario (Site), in accordance with the Canadian Standards Association (CSA) Z768-01 (R2012), to support a property transaction.

The Site is located in the southern portion of Clarksburg, on the west side of Grey Road 13. Currently, the Site has four buildings, operating as a retreat and leadership skills training centre. The property is approximately 5.5 acres. The surrounding area generally consists of mixed residential and agricultural land use with some industrial. The Clendenan Conservation Area is located on the north property boundary of the Site and contains the Beaver River which discharges to Georgian Bay.

The Site was developed for agricultural use in approximately 1874 with the original house and a bank barn. In 1974, the Site became an autistic centre and was developed with a quonset hut and addition to the original house. In 2003, the Site became a retreat and leadership skills training centre. A small cabin was built on Site in 2007. Drinking water at the Site is supplied through a cistern connected to a spring.

Based on the information sourced from the records review, Site visit, and interview, there were four potential sources of contamination identified; however, of the four potential sources of contamination, three are not considered to be a likely source of actual contamination for varying rationale. The other potential source of actual contamination at the Site is limited to several building materials potentially containing lead and asbestos, specifically:

- Potential asbestos-containing materials:
    - Insulation on a historical boiler located in the original basement
    - Insulation on a boiler service line (one branch) in the original basement
    - Insulation in the decommissioned chimney in original basement (cold cellar)
    - Insulation in the active chimney of the addition (main floor)
    - Drywall joint compound in the addition
- Potential lead-based paint: green paint on boiler lines in original basement, various other surfaces in the original basement with exposed historic paint.

The potential designated substances identified in the house and addition are not expected to be significant sources of contamination and can be managed as necessary. As such, it is ARC's professional opinion that potential environmental liabilities asociated with the Site under investigation are low.

ARC recommends a designated substance survey is completed prior to any demolition or renovations, and a designated substance management plan is developed for the Site.

Table of Contents

Tables

Figures (after text)

Appendices

2.0 Introduction

Agile Response Consulting Limited (ARC) was retained by Austin and Jocelyn Keitner (the Client) to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 788277 Grey Road 13 in Clarksburg, Ontario (Site; Figure 1). Currently, the Site is being used as commercial land, for use as a retreat and leadership skills training centre. The approximately Site boundaries are presented in Figure 1.

The purpose of the Phase I ESA was to identify actual and/or potential sources of contamination at the Site and/or at neighbouring properties located within 250 metres (m) of the Site (Study Area). The Phase I ESA was conducted in accordance with Canadian Standards Association (CSA) Z768-01 (R2012) to support a property transaction.

The scope of work for the Phase I ESA included, but was not limited to, the following:

- Reviewing the historical occupancy of the Site and Study Area using available archived and relevant (in ARC's opinion) municipal and business directories, fire insurance plans, historical topographical plans (if applicable), and aerial photographs to identify land uses that may have impacted environmental conditions at the Site;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance for the Study Area, if any, and reviewing such records where available;
- Obtaining an Environmental Risk Information Services Ltd. (ERIS) database report for the Site and Study Area;
- Reviewing available geologic maps and well records for the Study Area;
- Obtaining a search of land title and assessment rolls for the Site;
- Conducting Site reconnaissance on April 25, 2023;
- Conducting interviews with designated representative(s) for current and historical information;
- Preparing a report of findings.

ARC relies on information received from all parties as accurate unless contradicted by field observations or written documentation.

3.0 Site Description

The Site is located on Grey Road 13 in Clarksburg, Ontario. The Site is approximately 22,250 square metres (approximately 5.5 acres) and is occupied by several buildings including:

- Original two-story house constructed in approximately 1874
- A two-story addition on the east side of the original house constructed in 1974
- A steel quonset shed constructed in 1974
- A historical two-story barn constructed in approximately 1874
- A small cabin constructed in 2007

A Site plan showing general features of the Site is provided in Figure 2. The Phase I property information is summarized below.

Municipal Address	788277 Grey Road 13, Clarksburg, Ontario
Legal Description	PT LT 29 CON 11 Collingwood PT 1 16R5053; The Blue Mountains
PIN	371290170
Zoning	Commercial
Area	5.5 acre
Site Owner Information	Clarksburg Retreat
Site Contact	Mike Wright Ledge Leadership

	788277 Grey Road 13 Clarksburg, Ontario N0H 1J0 Phone: (519) 599-2143 Email: mikewright@ledgeleadership.com

4.0 Records Review

4.1 General

Available information sources, including regulatory databases, were assessed in an effort to gain information related to past activities at the Site, and to address potential environmental issues that may be present at, or in the vicinity of the Site.

4.1.1 Phase I Study Area Determination

The Study Area is situated in a rural setting in an area of mixed commercial, residential, industrial, and agricultural land uses. For the purpose of this report, any properties adjacent to the Site property boundaries, or within a 250 m radius of the Site, were included in the Study Area.

4.1.2 First Developed Use Determination

The earliest aerial for the Site indicates the property was developed prior to 1938. Based on discussions with the available Site representative, the Site visit, and review of historical aerials, the Site was likely used as agricultural as the original home and bank barn was constructed in approximately 1874. At this time, the surrounding area was used for apple crops.

4.1.3 Fire Insurance Plans

Fire insurance plans (FIPs) were produced between the late 1880's until the 1970's for urban communities throughout Canada. FIPs provided an illustrated resource that detailed the materials, occupancies, and potential fire hazards of existing buildings. The locations of above and below ground fuel storage tanks (ASTs/USTs) were also depicted on these plans.

Fire insurance plans for the Study Area were requested from Opta through ERIS. Based on a review of the Opta response, there is a FIP for Clarksburg, however it does not cover the Study Area. As such, no FIPs were reviewed.

4.1.4 Chain of Title

A chain of title search was requested from ERIS to document the ownership of the Phase I property from its conversion from Crown to present owner. At the time of writing this report, ARC has not received the chain of title search results. Upon reception of the chain of title search results, ARC will forward any relevant information as an addendum to this report.

Based on the information collected during the records review, Site visit, and interview, it is unlikely the chain of title results will affect the findings presented in this report.

4.1.5 Environmental Reports

No previous environmental reports were available to ARC during the completion of the Phase I ESA.

4.1.6 City Directories

A search of the city directories was done by ERIS for the Site. ERIS findings concluded there is no city directory coverage for the Site or surrounding area. As such, no city directory information was sourced for the Site or Study Area.

4.2 Environmental Source Information

A summary of information obtained from available resource documents and from regulatory agency databases is provided as follows.

Inventory of Coal Gasification Plant Waste Sites in Ontario

A review of the Intera Technologies Ltd. Inventory of Coal Gasification Plant Waste Sites in Ontario, dated 1987, revealed that the Site and the Study Area have not been used for the gasification of coal.

Ontario Inventory of Polychlorinated biphenyls (PCB) Storage Sites

A review of the Ministry of the Environment, Conservation and Parks (MECP) Ontario Inventory of PCB Storage Sites, dated 1991, revealed that there are no PCB containing properties located in the Study Area, including the Site.

The Technical Standards and Safety Authority (TSSA), Fuels Safety Division (FSD)

A Customer Service Advisor at TSSA was contacted to determine if any above ground or underground storage tanks (ASTs or USTs, respectively) were listed in its database for the Site. The TSSA indicated that there are no records for the Site.

A copy of the TSSA correspondence is included in Appendix A.

MECP Freedom of Information Act (FOIA) Request

A FOIA request was submitted under the MECP's environmental property information program which may provide information on any environmental concerns, orders, spills, investigations/prosecutions, Waste Generator Numbers/Classes, and Certificates of Approvals. ARC has received a response regarding this request; no records were found for the Site.

A copy of the MECP correspondence is included in Appendix B.

Waste Disposal Site Inventory

A review of the MECP Waste Disposal Site Inventory, dated 1991, revealed that there are no active or closed landfill sites, coal gasification plant sites, or industrial sites producing and using coal tar and related tars in Ontario, located on the Site or in the Study Area.

ARC notes there is an active landfill (Blue Mountains Solid Waste Disposal & Compost Site) approximately 2 kilometres (km) southeast of the Site, outside the Study Area.

Federal Contaminated Site Inventory (FSCI)

The Site and Study Area were not listed as contaminated Sites under the Government of Canada FSCI (no date).

4.2.1 Environmental Risk Information Services Limited (ERIS)

A request was made to ERIS for a standard database report. The standard report provides historical environmental information for the subject properties and lands surrounding the Site within a 250 m radius. Federal, provincial, and private sector databases are researched to identify potential environmental concerns. The standard report is used to aid in the identification of possible environmental risk factors for commercial, industrial, and residential sites.

The ERIS project number associated to the Site is 23041700384. The complete findings of the ERIS search may be referenced in the ERIS report dated April 20, 2023, in Appendix C. A summary of the findings of the ERIS report are summarized as follows:

There are no reported listings for the Site property. There are 44 reported listings within a 250 m radius from the reference point of the Site property.

- 1 record for "Certificates of Approval"
- 1 record for "Environmental Registry"
- 1 record for "Environmental Compliance Approval"
- 2 records for "ERIS Historical Searches"
- 24 records for "Ontario Regulation 347 Waste Generators Summary"
- 1 record for "Pesticide Register"
- 5 records for "Waste Disposal Sites – MOE CA Inventory"
- 9 reports for "Water Well Information System"

Upon review of the 24 records related to the "Ontario Regulation 347 Waste Generators Summary" and 5 records related to the "Waste Disposal Sites – MOE CA Inventory", they are associated with the Blue Mountains Solid Waste Disposal & Compost Site, which is 2 km southeast of the Site, outside the Study Area. As such, these records were excluded from the review.

Of the 15 listings that were located within the Study Area, ARC reviewed these records as part of the evaluation to determine their likelihood of a potential source of contamination. Any records that were identified as a potential source of contamination were identified and further evaluated in Section 7.0.

4.3 Physical Setting

A physical setting report (PSR) was obtained from ERIS to document the physical characteristics of the Site and Study Area. A copy of the ERIS PSR can be found in Appendix D. The physical setting of the Study Area is further defined in the following subsections.

4.3.1 Aerial Photographs

Aerial photographs of the Study Area were obtained from ERIS for the years 1938, 1954, 1965, 1974, 1987, 1995, and 2019. An aerial photograph for every available decade, subject to aerial availability and scale, was deemed sufficient to characterize changes in the Study Area during its history. The following significant information was inferred from the aerial photographs reviewed and is provided in Table 2 below.

Table 1: Aerial Photographs

Date	Source	Site	Study Area
1938 and 1954	National Air Photo Library (NAPL), Hunting Survey Corporation Limited	Site is developed with two buildings visible (barn and original house). Land use appears to be mixed with possible cattle pasture, and residential	Developed primarily for agricultural use with some nearby residential use. Forested area and river to the north
1965	NAPL	No changes from above	Continues to be used primarily for agriculture with additional residential development
1974	NAPL	Additional buildings present on Site (quonset hut and addition); less tree canopy on Site	Continues to be used primarily for agriculture with additional residential development

1987, 1995, 2019	NAPL	Appears to have some apple trees present on west portion of Site; additional tree canopy on Site	Continues to be used primarily for agriculture with additional residential development

Copies of the aerial photographs are included in Appendix E. Based on a review of the aerial photographs, pesticide use for the apple trees was identified as a potential source of contamination. No other potential sources of contamination were identified by the review of aerial photographs.

4.3.2 Topography, Hydrogeology, Geology

Based on information obtained from the Ontario Ministry of Natural Resources and Forestry (MNRF) Land Information Ontario (LIO), dated 2014, the Site lies at an approximate elevation of 214 meters above mean sea level (m AMSL). The topography across the Site is noted to be gently sloped to the north-northeast. The groundwater flow direction on the Site can only be confirmed through long term groundwater monitoring; however, based on ARC's knowledge of the Site and review of available documentation, the inferred regional groundwater flow direction is north towards the Beaver River and dam. The Beaver River flows north into Georgian Bay. The topographic map showing general topography and nearby waterbodies across the Study Area is shown in the ERIS information included in Appendix F.

Based on information obtained from the Ministry of Energy, Northern Development and Mines (MENDM) Quaternary Geology M2556 Map, dated 1991, the surficial geology of the Site consists of glaciolacustrine depots, described as sand, gravelly sand, and gravel. The permeability of soil at the Site is characterized as high; however, a Site-specific determination would be required to obtain detailed soil profile and permeability information.

Based on information obtained from the MENDM Bedrock Geology of Ontario M2544 Map, dated 1991, the bedrock geology of the Study Area consists of the Georgian Bay Formation, Blue Mountain Formation, Billings Formation, Collingwood Member, and Eastview member; described as shale, limestone, dolostone, and siltstone.

ARC reviewed existing MECP Well Records for the Study Area; there is limited information on depth to bedrock; however, it is anticipated to be deeper than 35 metres below ground surface (m BGS).

No oil and gas wells are present within the Study Area.

4.3.3 Water Bodies, Areas of Natural Significance & Ground Water Information

There is one significant surface water body within a 5 km radius of the Site, Beaver Creek, approximately 300 metres north of the Site. In addition, there are a several other water bodies of note including, Little Beaver Creek (1.2 km northwest), a small pond (800 m east), and Indian Brook (1.7 km east). These water bodies flow north and discharge into Georgian Bay approximately 3.3 km north.

Based on a review of the ERIS PSR and Ontario Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Map, dated 2014, which contains Areas of Natural and Scientific Interest (ANSI), wetlands, woodlands, and natural heritage areas, there are no areas of natural and scientific interest. ARC does note the Study Area has several wetlands north of the Site. The wetland is located in the Clendenan Conservation Area, which includes the Beaver River, a flood control dam, and a fish ladder.

The Phase I property is served by a spring for drinking water, where the neighbouring properties in the Study Area are served by private municipal water wells screened within the overburden. Based on a review of the MECP's Source Protection Information Atlas, the Grey Sauble Source Water Protection Area is located on the northeast boundary of the Study Area.

The localized shallow groundwater flow is inferred to follow the local topography and flows in a north direction toward Beaver Creek. The general groundwater in deeper geological units would flow north-northeast towards Georgian Bay and the Grey Sauble Source Water Protection Area.

4.3.4 Well Records

ERIS sourced well records from federal, provincial, and private databases. There were 12 water well records identified in the Study Area through the Ontario Water Well Information System (WWIS). There were no wells identified on the Site. It appears 10 of 12 water well records are active and are used for human consumption and/or agricultural uses. Of the two inactive well records, both appear to have been plugged and sealed according to the records. The well records for the private water supply wells in the Study Area are included in Appendix F.

All records obtained are included in the ERIS PSR in Appendix D.

Based on a review of these records, the subsurface soils in the Study Area vary; however, the soil primarily consists of silt or clay up to 18 m BGS, and underlain by sand and gravel with some silt or clay to at least 22 m BGS.

4.3.5 Radon Information

Radon is a naturally occurring gas produced by Uranium-238 decay and tends to concentrate in formations of granite, sandstone, coal, phosphate, and uranium deposits. It percolates through soil, where it may accumulate in basements of buildings. As the existence of radon is dependent upon geological factors, it is more of a regional concern than site-specific.

A review of the ERIS PSR report revealed that the Site is located in radon zone 144851 and is ranked as 'Moderate'. The Health Canada Radon Information falls under region 3533 of the Grey Bruce Health Unit in Ontario. There were 99 homes in the completed survey of which the results were 88.9 percent below 200 Bq/m^3 and 11.1 percent above 200 Bq/m^3. Of the 11.1 percent, 10.1 percent falls in between 200 and 600 Bq/m^3, and 1 percent is above 600 Bq/m^3.

4.4 Site Operating Procedures

No Site operating records were available for review.

5.0 Site Visit

Reconnaissance of the Site and surroundings was completed by ARC staff (Roger Schieck, qualified person) for evaluating potential environmental risk factors. A Site visit took place on April 25, 2023 which included all exterior and interior spaces. No portion of the Site was restricted or inaccessible during the Site visit. Photographs were taken throughout the Site and any relevant observations were recorded. Photographs are included in Appendix G.

5.1 General Observations

The Site is currently developed with four buildings, used for lodging, storage, or as a garage. The Site is accessed with an asphalt driveway and includes a parking area near the centre of the Site. Cover at the Site typically consists of grass with treed areas and forest. The Site is used as a retreat and leadership skills training centre. Historically the property was used for agriculture including as an apple farm, and for livestock operations.

The following general observations were made with regard to the Site inspection:

- Retail quantities of fuel, motor oil, cleaners, paint thinners, windshield fluid, and wood treatment were observed in the quonset shed. The containers appeared to be in good condition.
- There were no unidentified substances observed.
- There was one above ground storage tank observed on the second floor of the barn, approximately 5,000 litres, historically used for collection of rain water (no longer in use).
- There were no adverse odours observed while on Site.
- Drinking water for the house and addition is provided by a spring located on the northern portion of the property. A cistern was installed to collect the spring water and is connected to a small pump house with two jet pumps and a pressure tank.

- ARC identified several building materials and features that potentially contain designated substances, specifically:
    - *Asbestos containing materials*:
        - Insulation on a historical boiler located in the basement of the original part of the house.
        - Insulation on a boiler service line (one branch) in the original basement.
        - Decommissioned chimney in original basement (cold cellar). Specifically, the potential for vermiculite insulation in the chimney, although no evidence was observed outside the chimney.
        - Active chimney in addition (main floor). Specifically, the potential for vermiculite insulation in the chimney, although no evidence was observed outside the chimney.
        - Drywall joint compound in addition.
    - *Lead based paint*: green paint on boiler lines in original basement, various other surfaces in the original basement with exposed historic paint.
    - *Polychlorinated biphenyls (PCBs)*: three transformers were observed on an electric service pole, located on the Phase I property, near the southeast corner of the original house and addition.

It is recommended a designated substance survey is completed prior to any demolition or renovations, and a designated substance management plan is developed for the Site, if applicable.

5.2 Interior Observations

The following observations were made with regard to the interior Site inspection:

- The original house is currently heated by hydronic baseboard heaters with a natural gas boiler. There was a historical oil-fired boiler with abandoned oil supply lines in the basement. *As such, it is possible heating oil was used as a fuel historically.* The original house does not have a cooling system with the exception of a single room heat pump unit for the third floor only (heating and cooling in the third floor).
- The addition is heated with a natural gas forced-air furnace, as well as electric baseboard heaters, and a natural gas fireplace on the main floor. The addition does not have a cooling system.
- Water in the original house and addition is heated with natural gas water heaters.
- There was no major staining observed on floors, walls, or ceilings. The original and addition basements were noted to be dry, and no moisture-related odours were observed.
- Both basements contain a sump pump. Based on discussions with the Site representative, the sump pumps rarely turn on.
- A sludge pit in the basement of the addition collects wastewater and pumps it to a septic tank and leaching field located on the southwest corner of the original house.
- No mechanical equipment was identified.

5.3 Exterior Observations

The following observations were made with regard to the exterior Site inspection:

- Adjoining property land use consisted of:
    - North: Conservation area
    - East and south: Residential / agricultural
    - West: Agricultural / concrete plant / gravel pit
- The Phase I property and surrounding area was relatively flat, except at the north and east property boundaries where a wetland and steep ravine are present.
- Four buildings were present on Site:
    - The original two-story house with a basement on the northeast portion of the Site was constructed in approximately 1874. The foundation was constructed with rock and mortar, and the roof was finished with asphalt shingles. In 2003 the original house was mostly gutted for renovations. The attic of the original house is finished as an apartment. The roof was recently replaced.

  - A historical bank-barn was also constructed in approximately 1874 on the northwest portion of the Site. The barn is used for storage and has a rock and mortar foundation. The exterior is wood and the roof is steel. Flooring on the second floor of the barn was also wood but is in poor condition.
  - A two-story addition with a basement was constructed attached to the east side of the original house in 1974. The foundation was constructed with cement blocks, and the roof was finished with asphalt shingles. The roof was recently replaced.
  - A steel quonset shed was also constructed in 1974, near the centre of the Site, and is currently used as a garage and for storage. The quonset shed is constructed on the ground surface.
  - A small cabin constructed in 2007 on the northwest portion of the Site, used for recreation, was built using traditional wood cabin techniques including cedar logs, mortar, and cedar shingles.
- The house and addition is serviced with overhead electrical, cable, and internet, and below ground natural gas. The quonset hut, barn, and cabin are serviced with below ground electrical from the house.
- No water supply or oil and gas wells were identified on the Site
- A septic tank and leaching field is located southwest of the original house, where the leaching field extends to the southern portion of the Site.
- One below ground cistern adjacent to the west entrance of the original house historically used to collect rain water. The cistern was filled with sand and capped with concrete in the early 2000s.
- No stained materials or stressed vegetation were observed on Site.
- There was no evidence of filling or grading that would have imported deleterious fill to the Site.
- There was flowing water at the bottom of the ravine on the east property boundary. In addition, a small spring was observed at the northwest portion of the property, which flows northeast toward the wetland located in the conservation area.

6.0 Interviews

ARC completed an interview with Mike Wright during the Site reconnaissance on April 25, 2023. Mr. Wright is the current property manager of the Phase I property. Information collected from the interview was incorporated in the report. All notable information provided corroborated information obtained from other sources such as the Site visit and records review. A Site checklist is included in Appendix H.

Key information provided by the interview includes:

- Underground and aboveground storage tanks were not known to be historically present on the Site.
- Chemical storage on Site currently exists and consists of retail products for general maintenance around the Site.
- The Site was historically known to have livestock with some apple trees. *As such, it is possible pesticides were used as part of farming operations for the Site, and/or surrounding area.*
- In 1974, the Site was developed with the addition and quonset hut to become an autistic centre before becoming a retreat and leadership skills training centre in 2003.
- No spills/releases or impacts to groundwater, soil, or vegetation are known to have occurred on the Site.
- Salting operations occur at Site during the winter season.
- Public Health Grey Bruce has historically sampled the drinking water and did not have any concerns with quality.
- Mr. Wright was not aware of any potential for contamination on the Site as well as any pending litigation, and did not have any historical environmental reports.

7.0 Finding and Evaluation

Based on the information collected during the records review, Site visit, and interview, the Site is approximately 5.5 acres was developed before 1874 for agricultural use as an apple farm, including livestock operations. The Site became an autistic centre in 1974 before becoming a retreat and leadership skills training centre in 2003.

The Phase I property is served by a spring for drinking water, where the neighbouring properties in the Study Area are served by private municipal water wells screened within the overburden. The cistern collecting water from the spring is located on the northern portion of the property.

Topography at the Site is relatively flat (no significant depressions) with steeper grades at the northern and eastern property boundaries where wetland and a ravine are present, respectively. The wetland flows north to Beaver Creek which discharges into Georgian Bay. The localized shallow groundwater flow is inferred to follow the local topography and flow in a north direction toward Beaver Creek. The general groundwater in deeper geological units likely flows north-northeast towards Georgian Bay and the Grey Sauble Source Water Protection Area.

The surficial geology mapping of the Site consists of sand, gravelly sand, and gravel, which is considered to have high permeability. Well records in the Study Area indicate the surficial geology primarily consists of silt or clay underlain by sand and gravel with some silt or clay. Bedrock is expected to be found at least 35 m BGS is comprised of shale, limestone, dolostone, and siltstone.

Storage of chemicals generally consisted of retail quantities of fuel, motor oil, cleaners, paint thinners, windshield fluid, and wood treatment (containers appeared to be in good condition). No staining or stressed vegetation were observed at the Site, as well there was no historical reports of releases at the Site, environmental reports, or orders.

There are four potential sources of contamination at the Site; however, three are not expected to be an actual source of contamination. The potential sources of contamination were evaluated and summarized as follows:

Table 2: Evaluation of Potential Sources of Contamination

Potential Source	Actual Source of Contamination	Rationale
Possible storage and use of pesticides as part of the apple farming; specifically limited to the west portion of the property.	Not expected	• Actual use of pesticides was not confirmed • ARC does not expect potential historical use of pesticides to have involved large quantities if any
Possible storage and use of oil for the historical boiler to heat the original house.	Not expected	• Use of oil is assumed based on presence of decommissioned oil-heat equipment still in the basement • No adverse odours observed, both during the site visit or historically • No reported releases at the Site
Three transformers that could contain PCBs.	Not expected	• Actual use of PCB content in transformers is not confirmed • No staining or stressed vegetation observed around electric service pole • No reported releases at the Site
Several building materials potentially containing lead or asbestos.	Likely	• Based on ARC's experience with designated substance surveys and construction date of addition

Other records or information reviewed as part of the evaluation were not considered a potential source of contamination for the Site as they were either hydraulically down or side gradient of the Site, or were unlikely to be a source of actual contamination.

8.0 Conclusions

Potential sources of actual contamination are likely limited to building materials that potentially contain lead and asbestos including:

- Potential asbestos-containing materials:
    - Insulation on a historical boiler located in the original basement
    - Insulation on a boiler service line (one branch) in the original basement
    - Insulation in the decommissioned chimney in original basement (cold cellar)
    - Insulation in the active chimney in addition (main floor)
    - Drywall joint compound in the addition
- Potential lead-based paint: green paint on boiler lines in original basement, various other surfaces in the original basement with exposed historic paint.

The potential designated substances identified in the house and addition are not expected to be significant sources of contamination and can be managed as necessary. As such, it is ARC's professional opinion that potential environmental liabilities asociated with the Site under investigation are low.

ARC recommends a designated substance survey is completed prior to any demolition or renovations, and a designated substance management plan is developed for the Site.

9.0 Qualifications of Assessors

The records review was completed by Jason Knight, P.Eng., QP, who is an environmental engineer with Agile Response Consulting Limited. The Site visit, interviews, and senior review was completed by Roger Schieck, P.Eng., QP, who is the founder of Agile Response Consulting. Jason has over 6 years of demonstrated experience, while Roger has over 20 years of environmental due diligence experience. Together Jason and Roger have completed a wide range of environmental due diligence projects for a wide range of clients including insurance, trucking, rail, pipeline, oil & gas, and manufacturing.

10.0 Study Limitations and Signatures

ARC has prepared this report for the exclusive use of Austin and Jocelyn Keitner, and Business Development Bank of Canada in evaluating environmental conditions of the Site at the time of ARC's Site visit. ARC will not be responsible for the use of this report by any third party, or reliance on or any decision to be made based on it without the prior written consent of ARC. ARC accepts no responsibility for damages, if any, by any third party as a result of decisions or actions based on this report.

The report presents an overview of issues of environmental concern, reflecting ARC's best judgement using information reasonably available at the Site at the time of ARC's Site visits. ARC has prepared this report using information understood to be factual and correct and shall not be responsible for conditions arising from information or facts that were concealed or not fully disclosed to ARC at the time of the Site visits.

Performance of a standardized Phase I ESA in accordance with CSA Z768-01 (2012) is intended to reduce, but not eliminate, uncertainty regarding the potential for unrecognized environmental conditions in connection with the property, given reasonable limits of time and cost. This assessment was carried out using historical data and a Site visit. Intrusive testing is not part of the scope of the assessment.

We trust that the above report is complete within our terms or reference. If there are any questions concerning this matter, please do not hesitate to contact our office.

Respectfully submitted,

AGILE RESPONSE CONSULTING LTD.

Roger Schieck, P.Eng., QP

Jason Knight, P.Eng., QP

11.0 References

The following documents, maps, or other publications were used in the preparation of this report.

1. Canadian Standard Association (CSA). (2001). *Phase I Environmental Site Assessment CSA Z768-01* (Version 2012 – Reaffirmed 2022).

2. Environmental Risk Information Services. (2021). *Database Report*. Order No: 23041700384.

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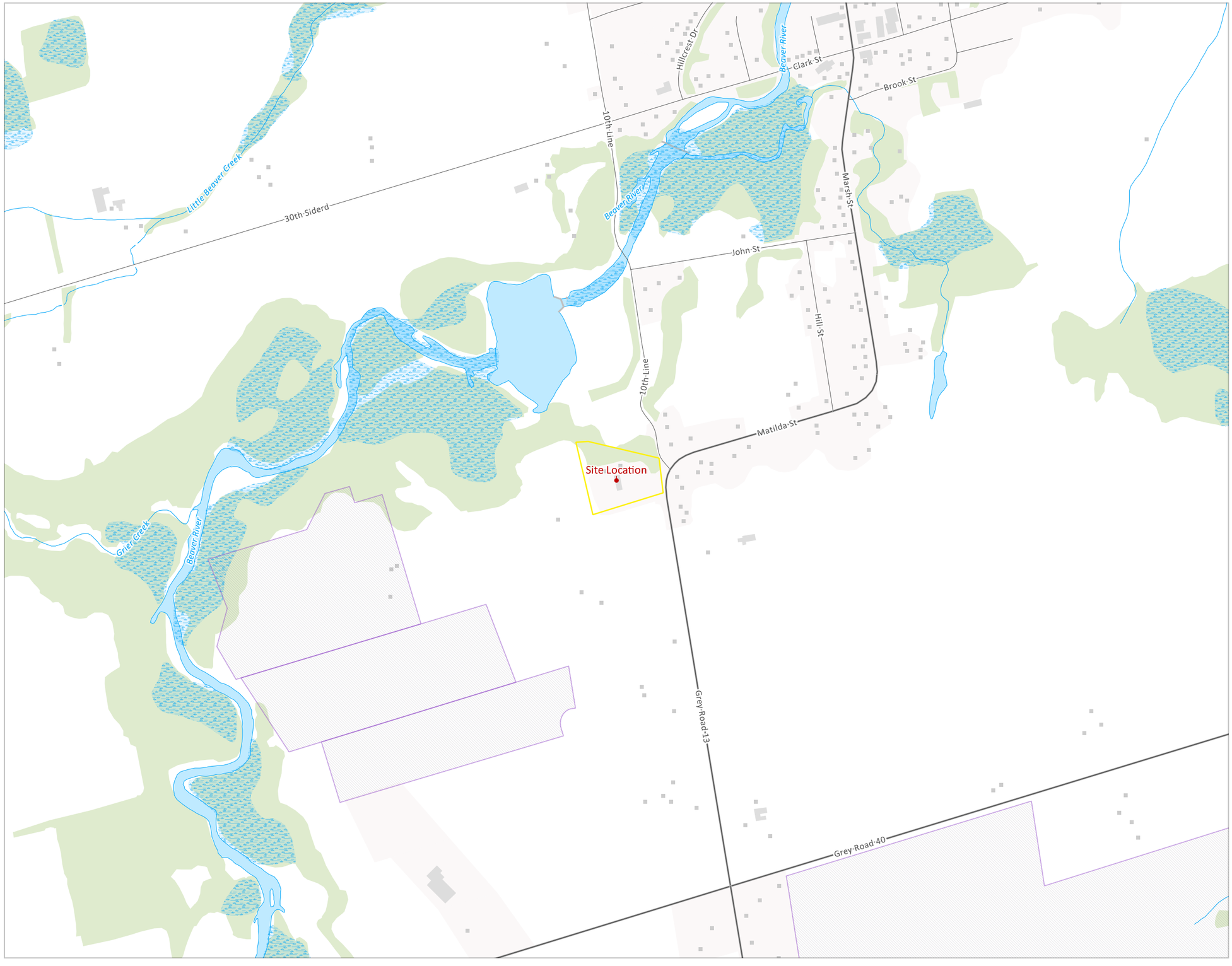
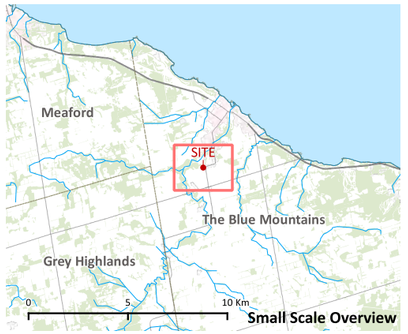
9. Ontario Ministry of Natural Resources and Forestry (MNRF). (2014, May 22). Make a Map: Natural Heritage Areas. Government of Ontario. https://www.ontario.ca/page/make-natural-heritage-area-map

10. MNRF. (2014, May 05). *Land Information Ontario*. Government of Ontario. http://www.ontario.ca/page/land-information-ontario.





Legend

- Site Location
- Approximate Property Boundary
- Wooded Area
- Wetland
- Waterbody
- Built Up Area

Watercourse

- Intermittent
- Permanent
- Virtual Flow

Aggregate Site

- Pit

General Notes

Features on this map represent approximate locations and are intended to act as a visual aid to the information contained in the corresponding documents.

Reference

Topographic base data provided by Land Information Ontario (LIO), via 'geohub.lio.gov.on.ca', 2023. Contains information licensed under the Open Government License - Ontario, Queen's Printer for Ontario, 2023

0 125 250 375 500 m

Scale:1:9000
NAD 1983 UTM Zone 17N
Page Size: 11" X 17"

PROJECT NUMBER: 00152	DATE CREATED: 2023-04-27

SITE LOCATION MAP

Phase I Environmental Site Assessment

788277 Grey Road 13, Clarksburg, ON

Clarksburg Retreat

Agile Response Consulting Limited
85 Bathurst Drive, Unit D, Waterloo, ON
Phone: 1-800-577-4823
Web: www.agileresponse.ca
Environmental & Engineering Services

FIGURE: 1

Legend

- Approximate Site Boundary
- Watercourse

General Notes

Features on this map represent approximate locations and are intended to act as a visual aid to the information contained in the corresponding documents.

Reference

Topographic base data provided by Land Information Ontario (LIO), via 'geohub.lio.gov.on.ca', 2023. Contains information licensed under the Open Government License - Ontario, Queen's Printer for Ontario, 2023

N

0 25 50 m

Scale:1:1000
NAD 1983 UTM Zone 17N
Page Size: 11" X 17"

PROJECT NUMBER: 00152	DATE CREATED: 2023-04-27

SITE PLAN

Phase I Environmental Site Assessment

788277 Grey Road 13, Clarksburg, ON

Clarksburg Retreat

Agile Response Consulting Limited
85 Bathurst Drive, Unit D, Waterloo, ON
Phone: 1-800-577-4823
Web: www.agileresponse.ca
Environmental & Engineering Services

FIGURE: 2

REV.01

Appendix A – TSSA Correspondence

From:	Public Information Services
To:	Jason Knight
Subject:	RE: TSSA Records - 788277 Grey Road 13, Clarksburg, Ontario
Date:	April 17, 2023 3:09:02 PM
Attachments:	image005.png image006.png image007.png image008.png image009.png image010.png image011.png image012.png

---

Hello,

NO RECORD FOUND IN CURRENT DATABASE

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 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 submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.

Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
    a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

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

Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Kimberly Gage | Public Information Agent
Legal
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 2022 5-Star Safety Cultures Award

From: Jason Knight <jknight@agileresponse.ca>
Sent: Monday, April 17, 2023 2:46 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: TSSA Records - 788277 Grey Road 13, Clarksburg, Ontario

Good morning,

I am working on a Phase 1 Environmental Site Assessment for the property located at 788277 Grey Road 13 in Clarksburg, Ontario.

Can you please provide any information on records the TSSA has for this property, including but not limited to above and/or underground storage tanks.

Thank you,

Jason

Jason Knight, P.Eng.

M: +1 905 979 6991 | E: jknight@agileresponse.ca
85 Bathurst Drive, Unit D, Waterloo, ON, N2V 1Z5
www.agileresponse.ca

Appendix B – Freedom of Information Act Request

Ontario

Ministry of the Environment, Conservation and Parks

Corporate Management Division

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

Division de la gestion ministérielle

April 21, 2023

Jason Knight
Agile Response Consulting Limited

Dear Jason Knight
RE: Request #: EPI-2023-2000002321
Requestor provided Client Reference: 00152
Site address: 788277 Grey Road 13 Road, Clarksburg

This letter confirms that, after conducting a thorough search of its source system applications, the ministry was not able to find any records related to your environmental property-related information request.

If you have any questions regarding the matter, please contact the ministry at eproperty@ontario.ca.

Sincerely,

Environmental Property Information (EPI) Program

Disclaimer

This search result is provided for informational purposes only and is not intended to provide specific advice or recommendations. The Ministry of the Environment, Conservation and Parks (MECP) cannot and does not guarantee that the information provided is current, accurate, complete, or free of errors. Any reliance upon this information is solely at the risk of the user.

Ontario

Ministry of the Environment, Conservation and Parks

Corporate Management Division

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

Division de la gestion ministérielle

Le 21 avril 2023

Jason Knight
Agile Response Consulting Limited

Madame,
Monsieur, Jason Knight

Objet : N^{o} de demande : EPI-2023-2000002321
Le demandeur a fourni une référence client: 00152
Adresse du site: 788277 Grey Road 13 Road, Clarksburg

La présente lettre confirme que, après avoir effectué une recherche exhaustive dans ces applications de système source, le ministère n'a pu trouver aucun dossier concernant à votre demande pour des données environnementales relatives aux biens immobiliers.

Si vous avez des questions concernant votre demande, nous vous invitons à communiquer avec le ministère à l'adresse électronique suivante: eproperty@ontario.ca.

Veuillez recevoir mes salutations les plus sincères,

Programme d'Information Environnementale de la propriété

Avertissement

Ce résultat de recherche est fourni uniquement à titre informatif et n'a aucunement pour but de donner des conseils particuliers ou des recommandations. Le ministère de l'Environnement de la Protection de la nature et des Parcs (MEPP) ne peut pas garantir que les renseignements fournis sont à jour, exacts, complets et exempts d'erreurs. L'utilisateur qui se fie à ces renseignements le fait à ses seuls risques.

Appendix C – ERIS Standard Database Report

DATABASE REPORT

Project Property:	*00152 - Std Rpt* *788277 Grey Road 13 Clarksburg* *Clarksburg ON*
Project No:	*00152*
Report Type:	*Standard Report*
Order No:	*23041700384*
Requested by:	*Agile Response Consulting Limited*
Date Completed:	*April 20, 2023*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*00152 - Std Rpt* *788277 Grey Road 13 Clarksburg Clarksburg ON*
Project No:	*00152*

Coordinates:

Latitude:	*44.5366632*
Longitude:	*-80.4688359*
UTM Northing:	*4,931,618.85*
UTM Easting:	*542,199.89*
UTM Zone:	*17T*

Elevation:	*704 FT* *214.44 M*

Order Information:

Order No:	*23041700384*
Date Requested:	*April 17, 2023*
Requested by:	*Agile Response Consulting Limited*
Report Type:	*Standard Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	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	1	1
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	1	1
ECA	*Environmental Compliance Approval*	Y	0	1	1
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	2	2
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	24	24
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	0	0
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
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	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	5	5
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	9	9
	Total:		0	44	44

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	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	20
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E/132.0	4.61	20
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E/132.0	4.61	21
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E/132.0	4.61	22
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E/132.0	4.61	22
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E/132.0	4.61	23
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E/132.0	4.61	24
1	PES	3904415 CANADA INC O/A WILLOWSTONE	788096 GREY RD 13 BLUE MOUNTAINS ON N0H 1J0	E/132.0	4.61	25
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	25
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E/132.0	4.61	25
1	WDS	The Corporation of the Town of The Blue Mountains	788090 Grey Road 13 The Blue Mountains ON N0H 2P0	E/132.0	4.61	26
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E/132.0	4.61	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E/132.0	4.61	28
1	WDS	The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Lot 26, Concession 10 Blue Mountains ON N0H2P0	E/132.0	4.61	29
1	WDS	The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 2P0	E/132.0	4.61	29
1	WDS	The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 2P0	E/132.0	4.61	30
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	31
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	31
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	33
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	33
1	GEN	The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	34
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	35
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	36
1	GEN	The Corporation of Town of The Blue Mountains Waste Disposal Site	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	37
1	WDS	The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 1J0	E/132.0	4.61	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	38
1	GEN	The Corporation of Town of The Blue Mountains Waste Disposal Site	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	39
1	GEN	The Corporation of Town of The Blue Mountains Waste Disposal Site	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E/132.0	4.61	40
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	40
1	GEN	The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E/132.0	4.61	41
2	EHS		78 Matilda St. Clarksburg ON N0H 1J0	E/137.9	4.61	42
3	WWIS		lot 29 con 10 ON ***Well ID:*** 2506907	ENE/154.8	2.30	43
4	EBR	762551 Ontario Inc.	103 Matilda Street The Blue Mountains, County of Grey TOWN OF THE BLUE MOUNTAINS ON	ENE/161.9	3.59	45
4	CA	762551 Ontario Inc.	103 Matilda St Clarksburgh The Blue Mountains ON	ENE/161.9	3.59	46
4	EHS		103 Matilda Street Clarksburg ON	ENE/161.9	3.59	46
4	ECA	762551 Ontario Inc.	103 Matilda St Clarksburgh The Blue Mountains ON N0H 1J0	ENE/161.9	3.59	46
5	WWIS		lot 29 con 10 ON ***Well ID:*** 2507774	E/164.6	4.41	47

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	WWIS		lot 29 con 10 ON ***Well ID:*** 2506998	ESE/170.8	4.50	51
6	WWIS		lot 29 con 10 ON ***Well ID:*** 2507803	ESE/170.8	4.50	54
7	WWIS		COLLINGWOOD ON ***Well ID:*** 2511372	E/209.4	3.59	58
8	WWIS		COLLINGWOOD ON ***Well ID:*** 2511373	E/214.7	3.59	62
9	WWIS		lot 29 con 10 ON ***Well ID:*** 2507773	ESE/219.9	5.59	67
10	WWIS		ON ***Well ID:*** 2511375	E/229.8	2.98	71
11	WWIS		lot 29 con 10 ON ***Well ID:*** 2500565	E/245.7	2.10	74

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
762551 Ontario Inc.	103 Matilda St Clarksburgh The Blue Mountains ON	ENE	161.89	4

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Feb 28, 2023 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
762551 Ontario Inc.	103 Matilda Street The Blue Mountains, County of Grey TOWN OF THE BLUE MOUNTAINS ON	ENE	161.89	4

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Feb 28, 2023 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
762551 Ontario Inc.	103 Matilda St Clarksburgh The Blue Mountains ON N0H 1J0	ENE	161.89	4

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2022 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	78 Matilda St. Clarksburg ON N0H 1J0	E	137.87	2

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	103 Matilda Street Clarksburg ON	ENE	161.89	4

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 24 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1
The Corporation of Town of The Blue Mountains Waste Disposal Site	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON	E	131.98	1
The Corporation of Town of The Blue Mountains	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The Corporation of Town of The Blue Mountains Waste Disposal Site	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of Town of The Blue Mountains Waste Disposal Site	788090 Grey County Road 13 Clarksburg ON N0H 2P0	E	131.98	1
The Corporation of The Town of The Blue Mountains	788090 Grey Road 13 Clarksburg ON N0H 1J0	E	131.98	1

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Feb 28, 2023 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
3904415 CANADA INC O/A WILLOWSTONE	788096 GREY RD 13 BLUE MOUNTAINS ON N0H 1J0	E	131.98	1

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011- Feb 28, 2023 has found that there are 5 WDS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 2P0	E	131.98	1
The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Lot 26, Concession 10 Blue Mountains ON N0H2P0	E	131.98	1
The Corporation of the Town of The Blue Mountains	788090 Grey Road 13 The Blue Mountains ON N0H 2P0	E	131.98	1
The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 1J0	E	131.98	1

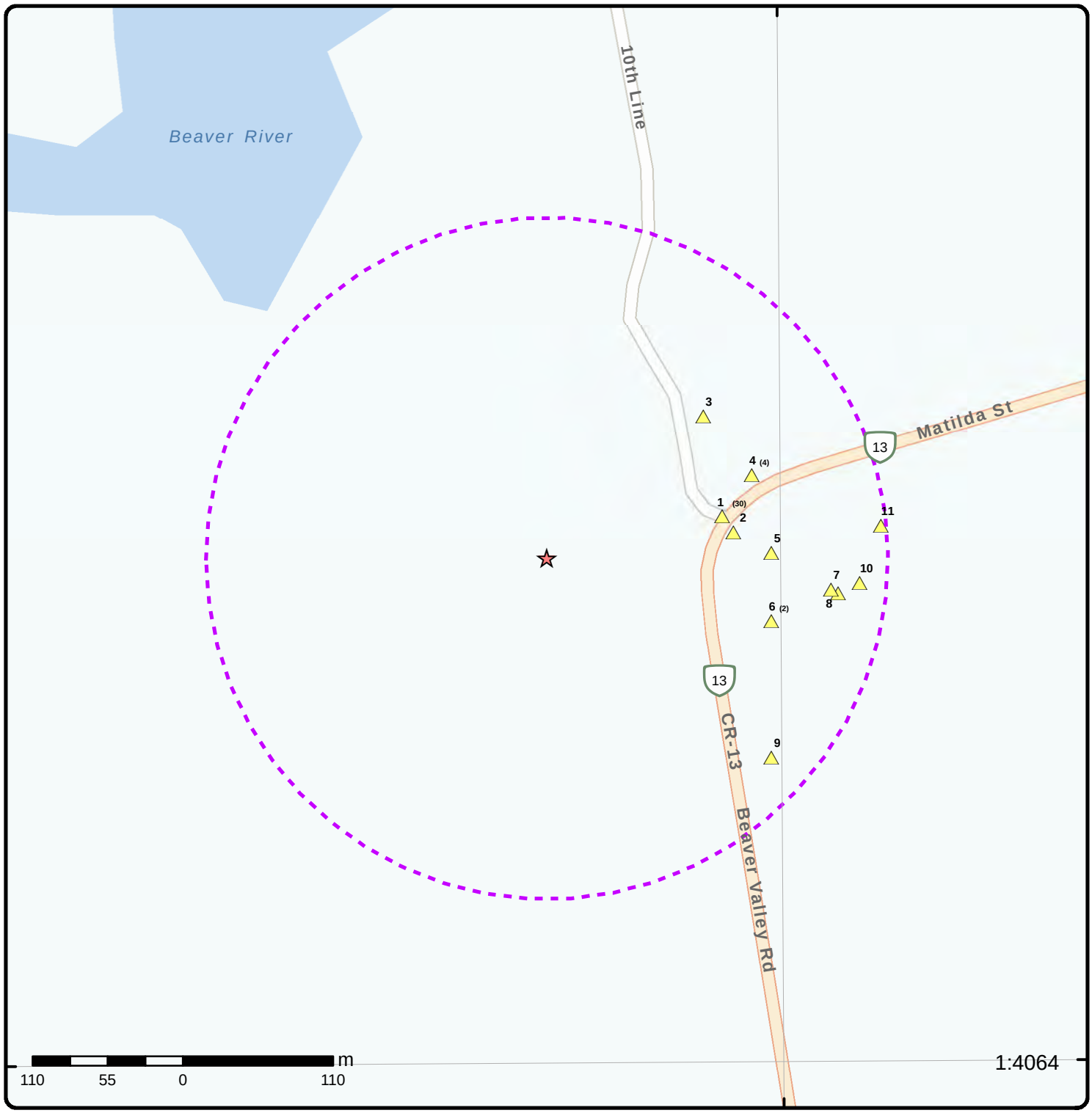
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
The Corporation of the Town of The Blue Mountains	788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 2P0	E	131.98	1

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 9 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 29 con 10 ON ***Well ID:*** 2506907	ENE	154.79	3
	lot 29 con 10 ON ***Well ID:*** 2507774	E	164.56	5
	lot 29 con 10 ON ***Well ID:*** 2507803	ESE	170.78	6
	lot 29 con 10 ON ***Well ID:*** 2506998	ESE	170.78	6
	COLLINGWOOD ON ***Well ID:*** 2511372	E	209.36	7
	COLLINGWOOD ON ***Well ID:*** 2511373	E	214.67	8
	lot 29 con 10 ON ***Well ID:*** 2507773	ESE	219.85	9
	ON ***Well ID:*** 2511375	E	229.80	10
	lot 29 con 10 ON	E	245.70	11

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 2500565			



Map: 0.25 Kilometer Radius

Order Number: 23041700384

Address: 788277 Grey Road 13 Clarksburg, Clarksburg, 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)

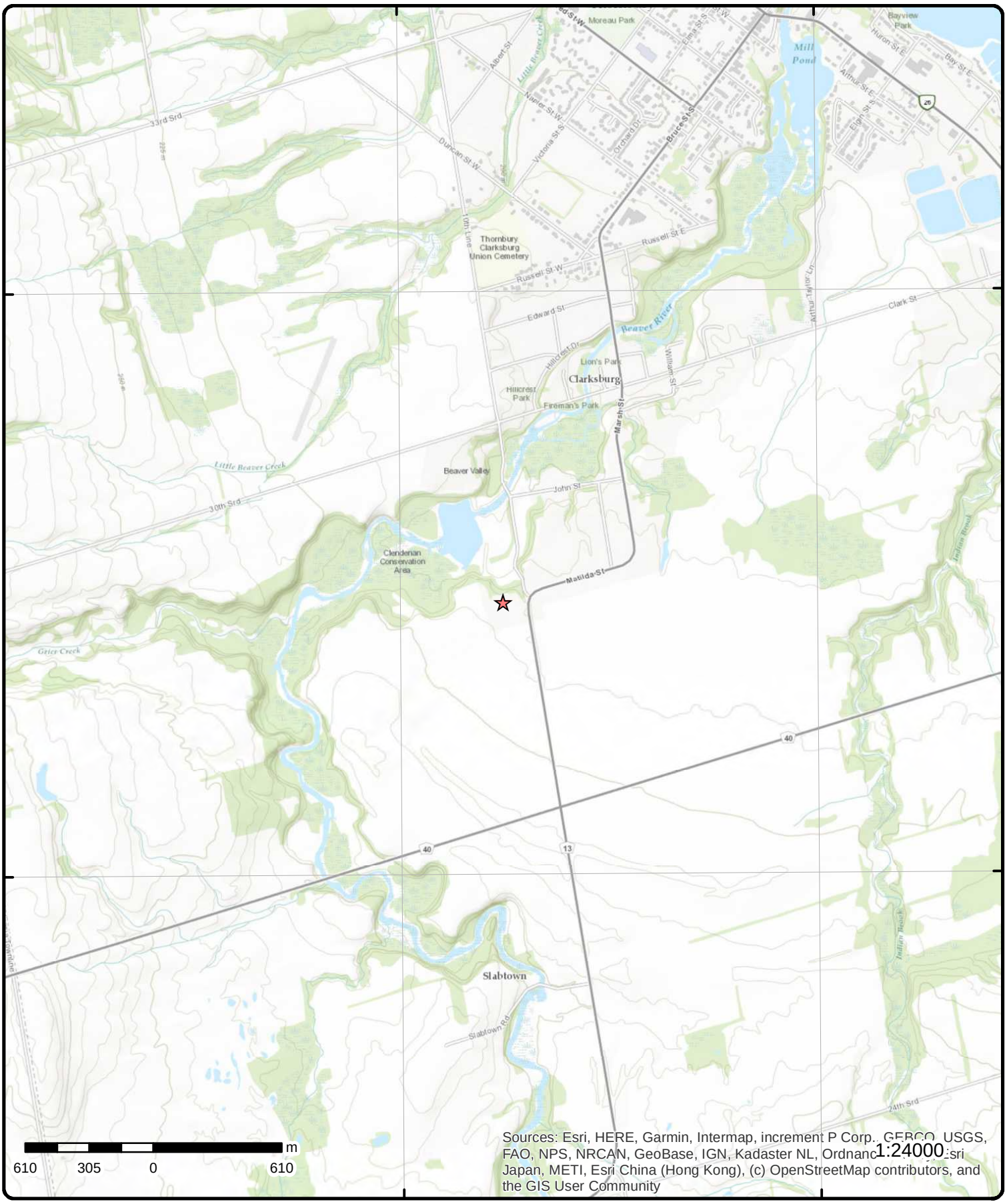
80°28'30"W

Aerial **Year: 2019**

Order Number: 23041700384

Address: 788277 Grey Road 13 Clarksburg, Clarksburg, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 23041700384

Address: 788277 Grey Road 13 Clarksburg, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains 788090 Grey County Road 13 Clarksburg ON N0H 2P0	GEN

Generator No: ON3661244
SIC Code: 562210
SIC Description: Waste Treatment and Disposal
Approval Years: 04,05,06,07,08
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains 788090 Grey County Road 13 Clarksburg ON	GEN

Generator No: ON3661244
SIC Code: 562210
SIC Description: Waste Treatment and Disposal
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 145

Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 30	E/132.0	219.1 / 4.61	***The Corporation of The Town of The Blue Mountains*** ***788090 Grey Road 13*** ***Clarksburg ON***	GEN

Generator No: ON5084007
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration
Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

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

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	4 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains 788090 Grey County Road 13 Clarksburg ON	GEN

Generator No: ON3661244
SIC Code: 562210
SIC Description: Waste Treatment and Disposal
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	5 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13 Clarksburg ON	GEN

Generator No: ON5084007
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration
Approval Years: 2010
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

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

1	***6 of 30***	***E/132.0***	***219.1 / 4.61***	***The Corporation of Town of The Blue Mountains*** ***788090 Grey County Road 13*** ***Clarksburg ON***	***GEN***

Generator No: ON3661244
SIC Code: 562210
SIC Description: Waste Treatment and Disposal
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	7 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13 Clarksburg ON	GEN

Generator No: ON5084007
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	8 of 30	E/132.0	219.1 / 4.61	3904415 CANADA INC O/A WILLOWSTONE 788096 GREY RD 13 BLUE MOUNTAINS ON N0H 1J0	PES

Detail Licence No:	02-01-06267-0	Operator Box:	
Licence No:		Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:		Oper Area Code:	
Licence Type:	OPERATOR	Oper Phone No:	
Licence Type Code:		Operator Ext:	
Licence Class:		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
1	9 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains 788090 Grey County Road 13 Clarksburg ON N0H 2P0	GEN

Generator No:	ON3661244
SIC Code:	562210
SIC Description:	Waste Treatment and Disposal
Approval Years:	2012
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
Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	149
Waste Class Name:	LANDFILL LEACHATES
Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	10 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13	GEN

Clarksburg ON

Generator No: ON5084007
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration
Approval Years: 2012
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

1	11 of 30	E/132.0	219.1 / 4.61	The Corporation of the Town of The Blue Mountains 788090 Grey Road 13 The Blue Mountains ON N0H 2P0	WDS

Approval No: A261401
Mob Unit Cert No:
Total Area (ha):
Landfill Cap (m³):

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

EBR Registry No:		**Transfer Area (ha):**	
Status:	Amended	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2014-02-26	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grey Sauble
Mobile Units:		**MOE District:**	Owen Sound
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	
Prop Postal:		**Longitude:**	
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	788090 Grey Road 13		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/9781-94GK3H-14.pdf		
PDF Site Location:			

1	***12 of 30***	***E/132.0***	***219.1 / 4.61***	***The Corporation of Town of The Blue Mountains*** ***788090 Grey County Road 13*** ***Clarksburg ON***	***GEN***

Generator No:	ON3661244
SIC Code:	562210
SIC Description:	WASTE TREATMENT AND DISPOSAL
Approval Years:	2013
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Detail(s)

Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	149
Waste Class Name:	LANDFILL LEACHATES

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

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	13 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13 Clarksburg ON	GEN

Generator No: ON5084007
SIC Code: 913910
SIC Description:
Approval Years: 2013
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 147
Waste Class Name: CHEMICAL FERTILIZER WASTES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

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

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 212

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

Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

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1 **14 of 30** **E/132.0** **219.1 / 4.61** **The Corporation of the Town of The Blue Mountains**
788090 Grey Road 13, Lot 26, Concession 10
Blue Mountains ON N0H2P0 **WDS**

Approval No: A261401
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type:
Record Type:
Link Source:
Project Type:
Application Status:
Issue Date: 12/30/14
Input Date:
Date Received:
Est Closure Date:
Mobile Capacity:
Mobile Units:
Mobile Description:
Prop City:
Prop Postal:
Prop Phone:
Serial Link:
Approval Type:
Proponent:
Prop Address:
Proponent County/District:
Full Address: The Town of the Blue Mountains Landfill Site 788090 Grey Road 13, Clarksburg Lot 26, Concession 10 The Blue Mountains Town, County of Grey N0H2P0
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

Total Area (ha):
Landfill Cap (m³):
Transfer Area (ha):
Transfer Cap (m³):
Transfer Cert No:
Inciner. Area (ha):
Inciner. Cap (t):
Process Area (m³):
Process Cap (m³/d):
Process Vol (m³):
Process Feed (m³):
Site Concession:
Site Region/County: Blue Mountains
SWP Area Name:
MOE District:
District Office:
Latitude: 43.696111111111080163027509115636348724365234375
Longitude: -81.138888888888899941775889601558446841552734375
Geometry X:
Geometry Y:

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1 **15 of 30** **E/132.0** **219.1 / 4.61** **The Corporation of the Town of The Blue Mountains**
788090 Grey Road 13, Clarksburg **WDS**

The Blue Mountains ON N0H 2P0

Approval No:	A261401	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Approved	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2016-06-15	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grey Sauble
Mobile Units:		**MOE District:**	Owen Sound
Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.6962
Prop Postal:		**Longitude:**	-81.1388
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	

Approval Type: ECA-WASTE DISPOSAL SITES
Proponent:
Prop Address:
Proponent County/District:
Full Address: 788090 Grey Road 13, Clarksburg
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/3285-9N5J4T-14.pdf
PDF Site Location:

1	*16 of 30*	*E/132.0*	*219.1 / 4.61*	***The Corporation of the Town of The Blue Mountains*** ***788090 Grey Road 13, Clarksburg*** ***The Blue Mountains ON N0H 2P0***	*WDS*

Approval No:	A261401	**Total Area (ha):**	
Mob Unit Cert No:		**Landfill Cap (m³):**	
EBR Registry No:		**Transfer Area (ha):**	
Status:	Approved	**Transfer Cap (m³):**	
Facility Type:		**Transfer Cert No:**	
Record Type:	ECA	**Inciner. Area (ha):**	
Link Source:	IDS	**Inciner. Cap (t):**	
Project Type:	WASTE DISPOSAL SITES	**Process Area (m³):**	
Application Status:		**Process Cap (m³/d):**	
Issue Date:	2014-12-30	**Process Vol (m³):**	
Input Date:		**Process Feed (m³):**	
Date Received:		**Site Concession:**	
Est Closure Date:		**Site Region/County:**	
Mobile Capacity:		**SWP Area Name:**	Grey Sauble
Mobile Units:		**MOE District:**	Owen Sound

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

Mobile Description:		**District Office:**	
Prop City:		**Latitude:**	43.6962
Prop Postal:		**Longitude:**	-81.1388
Prop Phone:		**Geometry X:**	
Serial Link:		**Geometry Y:**	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	788090 Grey Road 13, Clarksburg		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/9824-9KBJXQ-14.pdf		
PDF Site Location:			

1	***17 of 30***	***E/132.0***	***219.1 / 4.61***	***The Corporation of Town of The Blue Mountains*** ***788090 Grey County Road 13*** ***Clarksburg ON N0H 2P0***	***GEN***

Generator No:	ON3661244
SIC Code:	562210
SIC Description:	WASTE TREATMENT AND DISPOSAL
Approval Years:	2016
PO Box No:	
Country:	Canada
Status:	
Co Admin:	Keray Wonch
Choice of Contact:	CO_OFFICIAL
Phone No Admin:	(705) 444-4078 Ext.
Contaminated Facility:	No
MHSW Facility:	No

Detail(s)

Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	251
Waste Class Name:	OIL SKIMMINGS & SLUDGES
Waste Class:	149
Waste Class Name:	LANDFILL LEACHATES
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS

1	***18 of 30***	***E/132.0***	***219.1 / 4.61***	***The Corporation of The Town of The Blue Mountains***	***GEN***

788090 Grey Road 13
Clarksburg ON N0H 1J0

Generator No:	ON5084007
SIC Code:	913910
SIC Description:	913910
Approval Years:	2016
PO Box No:	
Country:	Canada
Status:	
Co Admin:	Keray Wonch
Choice of Contact:	CO_OFFICIAL
Phone No Admin:	705-444-4078 Ext.
Contaminated Facility:	No
MHSW Facility:	Yes

Detail(s)

Waste Class:	254
Waste Class Name:	TRANSFER STATION OILS WASTES
Waste Class:	221
Waste Class Name:	LIGHT FUELS
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	261
Waste Class Name:	PHARMACEUTICALS
Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS
Waste Class:	148
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	145
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	122
Waste Class Name:	ALKALINE WASTES - OTHER METALS
Waste Class:	263
Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Waste Class:	242
Waste Class Name:	HALOGENATED PESTICIDES
Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES
Waste Class:	331
Waste Class Name:	WASTE COMPRESSED GASES
Waste Class:	212
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	112
Waste Class Name:	ACID WASTE - HEAVY METALS
Waste Class:	147
Waste Class Name:	CHEMICAL FERTILIZER WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	19 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains 788090 Grey County Road 13 Clarksburg ON N0H 2P0	GEN

Generator No: ON3661244
SIC Code: 562210
SIC Description: WASTE TREATMENT AND DISPOSAL
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Keray Wonch
Choice of Contact: CO_OFFICIAL
Phone No Admin: (705) 444-4078 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	20 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13 Clarksburg ON N0H 1J0	GEN

Generator No: ON5084007
SIC Code: 913910
SIC Description: 913910
Approval Years: 2015
PO Box No:
Country: Canada
Status:
Co Admin: Keray Wonch
Choice of Contact: CO_OFFICIAL
Phone No Admin: 705-444-4078 Ext.
Contaminated Facility: No
MHSW Facility: Yes

Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

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

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 147
Waste Class Name: CHEMICAL FERTILIZER WASTES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

1	21 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains 788090 Grey County Road 13 Clarksburg ON N0H 2P0	GEN

Generator No: ON3661244
SIC Code: 562210
SIC Description: WASTE TREATMENT AND DISPOSAL
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Keray Wonch
Choice of Contact: CO_OFFICIAL
Phone No Admin: (705) 444-4078 Ext.
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 149
Waste Class Name: LANDFILL LEACHATES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	22 of 30	E/132.0	219.1 / 4.61	**The Corporation of The Town of The Blue Mountains** **788090 Grey Road 13** **Clarksburg ON N0H 1J0**	GEN

Generator No: ON5084007
SIC Code: 913910
SIC Description: 913910
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin: Keray Wonch
Choice of Contact: CO_OFFICIAL
Phone No Admin: 705-444-4078 Ext.
Contaminated Facility: No
MHSW Facility: Yes

Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 147
Waste Class Name: CHEMICAL FERTILIZER WASTES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 261
Waste Class Name: PHARMACEUTICALS

Waste Class: 263
Waste Class Name: ORGANIC LABORATORY CHEMICALS

Waste Class: 242
Waste Class Name: HALOGENATED PESTICIDES

Waste Class: 212
Waste Class Name: ALIPHATIC SOLVENTS

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Waste Class: 148
Waste Class Name: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Name: WASTE COMPRESSED GASES

Waste Class: 254
Waste Class Name: TRANSFER STATION OILS WASTES

Waste Class: 145
Waste Class Name: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112
Waste Class Name: ACID WASTE - HEAVY METALS

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

Waste Class: 312
Waste Class Name: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	23 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13 Clarksburg ON N0H 1J0	GEN

Generator No: ON5084007
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: 112 C
Waste Class Name: Acid solutions - containing heavy metals

Waste Class: 121 C
Waste Class Name: Alkaline slutions - containing heavy metals

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

Waste Class: 145 B
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 146 T
Waste Class Name: Other specified inorganic sludges, slurries or solids

Waste Class: 147 C
Waste Class Name: Chemical fertilizer wastes

Waste Class: 147 T
Waste Class Name: Chemical fertilizer wastes

Waste Class: 148 A
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Class: 242 A
Waste Class Name: Halogenated pesticides and herbicides

Waste Class: 252 L

Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 252 T
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 254 T
Waste Class Name: Oily water/waste oil from waste transfer/processing sites

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 263 A
Waste Class Name: Misc. waste organic chemicals

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

1	24 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains Waste Disposal Site 788090 Grey County Road 13 Clarksburg ON N0H 2P0	GEN

Generator No: ON3661244
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: 149 L
Waste Class Name: Landfill leachate

1	25 of 30	E/132.0	219.1 / 4.61	The Corporation of the Town of The Blue Mountains 788090 Grey Road 13, Clarksburg The Blue Mountains ON N0H 1J0	WDS

Approval No: A261401
Mob Unit Cert No:
EBR Registry No:
Status: Approved
Facility Type:
Record Type: ECA
Link Source: IDS
Project Type: WASTE DISPOSAL SITES
Application Status:
Issue Date: 2017-06-01
Input Date:
Date Received:
Est Closure Date:
Mobile Capacity:
Mobile Units:

Total Area (ha):
Landfill Cap (m³):
Transfer Area (ha):
Transfer Cap (m³):
Transfer Cert No:
Inciner. Area (ha):
Inciner. Cap (t):
Process Area (m³):
Process Cap (m³/d):
Process Vol (m³):
Process Feed (m³):
Site Concession:
Site Region/County:
SWP Area Name: Grey Sauble
MOE District: Owen Sound

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

Mobile Description: ***District Office:***
Prop City: ***Latitude:*** 43.6962
Prop Postal: ***Longitude:*** -81.1388
Prop Phone: ***Geometry X:***
Serial Link: ***Geometry Y:***
Approval Type: ECA-WASTE DISPOSAL SITES
Proponent:
Prop Address:
Proponent County/District:
Full Address: 788090 Grey Road 13, Clarksburg
Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:
PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/0386-ABDN7P-14.pdf
PDF Site Location:

1	*26 of 30*	*E/132.0*	*219.1 / 4.61*	***The Corporation of The Town of The Blue Mountains*** ***788090 Grey Road 13*** ***Clarksburg ON N0H 1J0***	***GEN***

Generator No: ON5084007
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: 221 I
Waste Class Name: Light fuels

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 112 C
Waste Class Name: Acid solutions - containing heavy metals

Waste Class: 121 C
Waste Class Name: Alkaline slutions - containing heavy metals

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

Waste Class: 252 T
Waste Class Name: Waste crankcase oils and lubricants

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

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 148 A
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 254 T
Waste Class Name: Oily water/waste oil from waste transfer/processing sites

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 146 T
Waste Class Name: Other specified inorganic sludges, slurries or solids

Waste Class: 147 T
Waste Class Name: Chemical fertilizer wastes

Waste Class: 147 C
Waste Class Name: Chemical fertilizer wastes

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Class: 145 B
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 242 A
Waste Class Name: Halogenated pesticides and herbicides

Waste Class: 263 A
Waste Class Name: Misc. waste organic chemicals

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	27 of 30	E/132.0	219.1 / 4.61	**The Corporation of Town of The Blue Mountains** **Waste Disposal Site** **788090 Grey County Road 13** **Clarksburg ON N0H 2P0**	GEN

Generator No: ON3661244
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: 149 L
Waste Class Name: Landfill leachate

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	28 of 30	E/132.0	219.1 / 4.61	The Corporation of Town of The Blue Mountains Waste Disposal Site 788090 Grey County Road 13 Clarksburg ON N0H 2P0	GEN

Generator No: ON3661244
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: 149 L
Waste Class Name: Landfill leachate

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	29 of 30	E/132.0	219.1 / 4.61	The Corporation of The Town of The Blue Mountains 788090 Grey Road 13 Clarksburg ON N0H 1J0	GEN

Generator No: ON5084007
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: 121 C
Waste Class Name: Alkaline slutions - containing heavy metals

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

Waste Class: 148 A
Waste Class Name: Misc. wastes and inorganic chemicals

Waste Class: 263 A
Waste Class Name: Misc. waste organic chemicals

Waste Class: 147 C
Waste Class Name: Chemical fertilizer wastes

Waste Class: 242 A
Waste Class Name: Halogenated pesticides and herbicides

Waste Class: 212 L
Waste Class Name: Aliphatic solvents and residues

Waste Class: 243 D
Waste Class Name: PCB

Waste Class: 146 T
Waste Class Name: Other specified inorganic sludges, slurries or solids

Waste Class: 331 I
Waste Class Name: Waste compressed gases including cylinders

Waste Class: 145 B
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 252 T
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 261 A
Waste Class Name: Pharmaceuticals

Waste Class: 312 P
Waste Class Name: Pathological wastes

Waste Class: 112 C
Waste Class Name: Acid solutions - containing heavy metals

Waste Class: 145 L
Waste Class Name: Wastes from the use of pigments, coatings and paints

Waste Class: 252 L
Waste Class Name: Waste crankcase oils and lubricants

Waste Class: 254 T
Waste Class Name: Oily water/waste oil from waste transfer/processing sites

Waste Class: 221 I
Waste Class Name: Light fuels

Waste Class: 147 T
Waste Class Name: Chemical fertilizer wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	30 of 30	E/132.0	219.1 / 4.61	**The Corporation of The Town of The Blue Mountains** **788090 Grey Road 13** **Clarksburg ON N0H 1J0**	GEN

Generator No: ON5084007
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: 221 I
Waste Class Name: LIGHT FUELS

Waste Class: 312 P

Waste Class Name:	PATHOLOGICAL WASTES
Waste Class:	148 A
Waste Class Name:	INORGANIC LABORATORY CHEMICALS
Waste Class:	145 B
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	145 L
Waste Class Name:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	212 L
Waste Class Name:	ALIPHATIC SOLVENTS
Waste Class:	242 A
Waste Class Name:	HALOGENATED PESTICIDES
Waste Class:	121 C
Waste Class Name:	ALKALINE WASTES - HEAVY METALS
Waste Class:	147 T
Waste Class Name:	CHEMICAL FERTILIZER WASTES
Waste Class:	252 L
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	146 T
Waste Class Name:	OTHER SPECIFIED INORGANICS
Waste Class:	261 A
Waste Class Name:	PHARMACEUTICALS
Waste Class:	263 I
Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Waste Class:	331 I
Waste Class Name:	WASTE COMPRESSED GASES
Waste Class:	254 T
Waste Class Name:	TRANSFER STATION OILS WASTES
Waste Class:	112 C
Waste Class Name:	ACID WASTE - HEAVY METALS
Waste Class:	252 T
Waste Class Name:	WASTE OILS & LUBRICANTS
Waste Class:	263 A
Waste Class Name:	ORGANIC LABORATORY CHEMICALS
Waste Class:	243 D
Waste Class Name:	PCBS
Waste Class:	122 C
Waste Class Name:	ALKALINE WASTES - OTHER METALS

2	***1 of 1***	***E/137.9***	***219.1 / 4.61***	***78 Matilda St. Clarksburg ON N0H 1J0***	***EHS***

Order No:	20040531008	***Nearest Intersection:***	Matilda St. & N-S Rd. Btw. Con. 10 & 11
Status:	C	***Municipality:***	
Report Type:	Site Report	***Client Prov/State:***	ON
Report Date:	6/1/04	***Search Radius (km):***	0.25
Date Received:	5/31/04	***X:***	-80.467118
Previous Site Name:		***Y:***	44.537141

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

3	1 of 1	ENE/154.8	216.7 / 2.30	lot 29 con 10 ON	WWIS

Well ID:	2506907	**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:**	16-Aug-1979 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4716
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	GREY
Elevatn Reliabilty:		**Lot:**	029
Depth to Bedrock:		**Concession:**	10
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2506907.pdf

Additional Detail(s) (Map)

Well Completed Date:	1979/07/18
Year Completed:	1979
Depth (m):	20.7264
Latitude:	44.5375941077868
Longitude:	-80.4673861042294
Path:	250\2506907.pdf

Bore Hole Information

Bore Hole ID:	10132080	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542314.40
Code OB Desc:		**North83:**	4931723.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	18-Jul-1979 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931369025

Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931369026
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931369027
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962506907
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10680650
Casing No:	1
Comment:	
Alt Name:	

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

Construction Record - Casing

Casing ID:	930222713
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	992506907
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	65.0
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:	20
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934443050
Test Type:	Recovery
Test Duration:	30
Test Level:	16.0
Test Level UOM:	ft

Water Details

Water ID:	933583198
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10132080	***Tag No:***	
Depth M:	20.7264	***Contractor:***	4716
Year Completed:	1979	***Path:***	250\2506907.pdf
Well Completed Dt:	1979/07/18	***Latitude:***	44.5375941077868
Audit No:		***Longitude:***	-80.4673861042294

4	***1 of 4***	***ENE/161.9***	***218.0 / 3.59***	***762551 Ontario Inc.*** ***103 Matilda Street The Blue Mountains, County of Grey TOWN OF THE BLUE MOUNTAINS*** ***ON***	***EBR***

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

EBR Registry No: 010-6791
Ministry Ref No: 1175-7S9M84
Notice Type: Instrument Decision
Notice Stage:
Notice Date: July 08, 2009
Proposal Date: May 28, 2009
Year: 2009
Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)
Off Instrument Name:
Posted By:
Company Name: 762551 Ontario Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 103 Matilda Street, Clarksburgh Ontario, Canada N0H 1J0
Comment Period:
URL:

Site Location Details:

103 Matilda Street The Blue Mountains, County of Grey TOWN OF THE BLUE MOUNTAINS

4	2 of 4	ENE/161.9	218.0 / 3.59	762551 Ontario Inc. 103 Matilda St Clarksburgh The Blue Mountains ON	CA

Certificate #: 5560-7TLQ4F
Application Year: 2009
Issue Date: 7/3/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

4	3 of 4	ENE/161.9	218.0 / 3.59	103 Matilda Street Clarksburg ON	EHS

Order No: 20101129003
Status: C
Report Type: Standard Select Report
Report Date: 12/7/2010
Date Received: 11/29/2010 10:00:21 AM
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Aerial Photos

Nearest Intersection:
Municipality: Town of Blue Mountains
Client Prov/State: ON
Search Radius (km): 0.25
X: -80.46729
Y: 44.537957

4	4 of 4	ENE/161.9	218.0 / 3.59	762551 Ontario Inc. 103 Matilda St Clarksburgh The Blue Mountains ON N0H 1J0	ECA

Approval No: 5560-7TLQ4F
Approval Date: 2009-07-03
Status: Approved

MOE District: Owen Sound
City:
Longitude: -80.46722

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

Record Type:	ECA	**Latitude:**	44.53867
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Grey Sauble	**Geometry Y:**	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Business Name:	762551 Ontario Inc.		
Address:	103 Matilda St Clarksburgh		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1175-7S9M84-14.pdf		
PDF Site Location:			

5	1 of 1	E/164.6	218.9 / 4.41	lot 29 con 10 ON	WWIS

Well ID:	2507774	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08-Nov-1982 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4716
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	GREY
Elevatn Reliabilty:		**Lot:**	029
Depth to Bedrock:		**Concession:**	10
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2507774.pdf

Additional Detail(s) (Map)

Well Completed Date:	1982/09/24
Year Completed:	1982
Depth (m):	21.336
Latitude:	44.5366909443484
Longitude:	-80.4667649943848
Path:	250\2507774.pdf

Bore Hole Information

Bore Hole ID:	10132939	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542364.40
Code OB Desc:		**North83:**	4931623.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	24-Sep-1982 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931372633
Layer: 2
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372634
Layer: 3
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372638
Layer: 7
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 66.0
Formation End Depth: 69.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372639
Layer: 8
Color:
General Color:
Mat1: 11

Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	69.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372637
Layer:	6
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	66.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372635
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	25.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372636
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931372632
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962507774
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10681509
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930224246
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 70.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 992507774
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 7.0
Recommended Pump Depth: 30.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 19
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID:	934160619
Test Type:	Recovery
Test Duration:	15
Test Level:	6.0
Test Level UOM:	ft

Water Details

Water ID:	933584325
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10132939	***Tag No:***	
Depth M:	21.336	***Contractor:***	4716
Year Completed:	1982	***Path:***	250\2507774.pdf
Well Completed Dt:	1982/09/24	***Latitude:***	44.5366909443484
Audit No:		***Longitude:***	-80.4667649943848

6 ***1 of 2*** ***ESE/170.8*** ***218.9 / 4.50*** ***lot 29 con 10 ON*** ***WWIS***

Well ID:	2506998	***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-Nov-1979 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	4716
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	GREY
Elevatn Reliabilty:		***Lot:***	029
Depth to Bedrock:		***Concession:***	10
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2506998.pdf

Additional Detail(s) (Map)

Well Completed Date:	1979/09/18
Year Completed:	1979
Depth (m):	21.336
Latitude:	44.5362408308337
Longitude:	-80.4667691022581
Path:	250\2506998.pdf

Bore Hole Information

Bore Hole ID:	10132170	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542364.40
Code OB Desc:		**North83:**	4931573.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	18-Sep-1979 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931369465
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931369470
Layer: 6
Color: 6
General Color: BROWN
Mat1: 31
Most Common Material: COARSE GRAVEL
Mat2: 10
Mat2 Desc: COARSE SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931369466
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:

Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931369467
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931369468
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931369469
Layer: 5
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962506998
Method Construction Code: 1
Method Construction: Cable Tool

Other Method Construction:

Pipe Information

Pipe ID:	10680740
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930222868
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	992506998
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	14.0
Recommended Pump Depth:	30.0
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:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933583306
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10132170	***Tag No:***	
Depth M:	21.336	***Contractor:***	4716
Year Completed:	1979	***Path:***	250\2506998.pdf
Well Completed Dt:	1979/09/18	***Latitude:***	44.5362408308337
Audit No:		***Longitude:***	-80.4667691022581

6	***2 of 2***	***ESE/170.8***	***218.9 / 4.50***	***lot 29 con 10 ON***	***WWIS***

Well ID:	2507803	**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-Jan-1983 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4716
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	GREY
Elevatn Reliabilty:		**Lot:**	029
Depth to Bedrock:		**Concession:**	10
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2507803.pdf

Additional Detail(s) (Map)

Well Completed Date:	1982/12/02
Year Completed:	1982
Depth (m):	21.9456
Latitude:	44.5362408308337
Longitude:	-80.4667691022581
Path:	250\2507803.pdf

Bore Hole Information

Bore Hole ID:	10132967	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542364.40
Code OB Desc:		**North83:**	4931573.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	02-Dec-1982 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931372777
Layer:	7
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 71.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372771
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372775
Layer: 5
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3:
Mat3 Desc:
Formation Top Depth: 58.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372774
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 25.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372776
Layer: 6
Color: 8

General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372772
Layer:	2
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372773
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962507803
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10681537
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930224292
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	72.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992507803
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	65.0
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

Draw Down & Recovery

Pump Test Detail ID:	934706136
Test Type:	Recovery
Test Duration:	45
Test Level:	6.0
Test Level UOM:	ft

Water Details

Water ID:	933584362
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10132967	***Tag No:***	
Depth M:	21.9456	***Contractor:***	4716
Year Completed:	1982	***Path:***	250\2507803.pdf
Well Completed Dt:	1982/12/02	***Latitude:***	44.5362408308337
Audit No:		***Longitude:***	-80.4667691022581

7 ***1 of 1*** ***E/209.4*** ***218.0 / 3.59*** ***COLLINGWOOD ON*** ***WWIS***

Well ID:	2511372	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	

Final Well Status:	Water Supply	**Date Received:**	08-Jul-1991 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	81965	**Contractor:**	1804
Tag:		**Form Version:**	2
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511372.pdf

Additional Detail(s) (Map)

Well Completed Date:	1991/06/03
Year Completed:	1991
Depth (m):	19.812
Latitude:	44.5364453196837
Longitude:	-80.4662184512968
Path:	251\2511372.pdf

Bore Hole Information

Bore Hole ID:	11761133	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542408.00
Code OB Desc:		**North83:**	4931596.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	03-Jun-1991 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932992063
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932992065
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	14.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	933064419
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932992064
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932993612
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 23.0
Formation End Depth: 38.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932993613
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 38.0
Formation End Depth: 55.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962511372
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11768823
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930852351
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From: 56.0
Depth To: 65.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930846698
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 50.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID:	933409700
Layer:	1
Slot:	
Screen Top Depth:	61.0
Screen End Depth:	65.0
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:	11776174
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	50.0
Flowing Rate:	30.0
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	2
Pumping Duration MIN:	40
Flowing:	Yes

Water Details

Water ID:	934075526
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Water Details

Water ID:	934057886
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	11761133	***Tag No:***	
Depth M:	19.812	***Contractor:***	1804
Year Completed:	1991	***Path:***	251\2511372.pdf
Well Completed Dt:	1991/06/03	***Latitude:***	44.5364453196837
Audit No:	81965	***Longitude:***	-80.4662184512968

8	***1 of 1***	***E/214.7***	***218.0 / 3.59***	***COLLINGWOOD ON***	***WWIS***

Well ID:	2511373	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	08-Jul-1991 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	81963	**Contractor:**	1804
Tag:		**Form Version:**	2
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511373.pdf

Additional Detail(s) (Map)

Well Completed Date:	1991/05/30
Year Completed:	1991
Depth (m):	19.812
Latitude:	44.5364180187422
Longitude:	-80.4661557667085
Path:	251\2511373.pdf

Bore Hole Information

Bore Hole ID:	11761132	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542413.00
Code OB Desc:		**North83:**	4931593.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	30-May-1991 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933064424
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	

Mat3:
Mat3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 933064421
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 933064423
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 933064420
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 933064422
Layer: 3

Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	933064425
Layer:	6
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962511373
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	11768822
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930852723
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	54.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930852768
Layer:	2
Material:	1
Open Hole or Material:	STEEL

Depth From: 54.0
Depth To: 65.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933411012
Layer: 1
Slot:
Screen Top Depth: 61.0
Screen End Depth: 65.0
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: 11776173
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate: 110.0
Flowing Rate: 50.0
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR: 2
Pumping Duration MIN: 20
Flowing: Yes

Water Details

Water ID: 934082358
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Water Details

Water ID: 934082359
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 11761132
Depth M: 19.812
Year Completed: 1991
Well Completed Dt: 1991/05/30
Tag No:
Contractor: 1804
Path: 251\2511373.pdf
Latitude: 44.5364180187422

Audit No:	81963			**Longitude:**	-80.4661557667085

9	1 of 1	ESE/219.9	220.0 / 5.59	lot 29 con 10 ON	WWIS

Well ID:	2507773	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	08-Nov-1982 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4716
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	GREY
Elevatn Reliabilty:		**Lot:**	029
Depth to Bedrock:		**Concession:**	10
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: COLLINGWOOD TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2507773.pdf

Additional Detail(s) (Map)

Well Completed Date: 1982/10/01
Year Completed: 1982
Depth (m): 21.6408
Latitude: 44.5353406036968
Longitude: -80.4667773177165
Path: 250\2507773.pdf

Bore Hole Information

Bore Hole ID:	10132938	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542364.40
Code OB Desc:		**North83:**	4931473.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	01-Oct-1982 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931372631
Layer: 8
Color:

General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 71.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372625
Layer: 2
Color: 5
General Color: YELLOW
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372630
Layer: 7
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931372624
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931372626
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372629
Layer:	6
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372628
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931372627
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	

Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962507773
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10681508
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930224245
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 71.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 992507773
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 10.0
Recommended Pump Depth: 30.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 7
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933584324
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 71.0
Water Found Depth UOM: ft

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

Links

Bore Hole ID:	10132938	***Tag No:***	
Depth M:	21.6408	***Contractor:***	4716
Year Completed:	1982	***Path:***	250\2507773.pdf
Well Completed Dt:	1982/10/01	***Latitude:***	44.5353406036968
Audit No:		***Longitude:***	-80.4667773177165

10 ***1 of 1*** ***E/229.8*** ***217.4 / 2.98*** ***ON*** ***WWIS***

Well ID:	2511375	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	08-Jul-1991 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	81962	***Contractor:***	1804
Tag:		***Form Version:***	2
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511375.pdf

Additional Detail(s) (Map)

Well Completed Date:	1991/05/23
Year Completed:	1991
Depth (m):	20.7264
Latitude:	44.5364890954371
Longitude:	-80.465953728249
Path:	251\2511375.pdf

Bore Hole Information

Bore Hole ID:	11761131	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	542429.00
Code OB Desc:		***North83:***	4931601.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	23-May-1991 00:00:00	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	933084287
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	39.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	933084289
Layer:	5
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	933084286
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	933084288
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 39.0
Formation End Depth: 58.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 933084285
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962511375
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 11768821
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930852769
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 64.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933411013
Layer: 1
Slot: 40
Screen Top Depth:
Screen End Depth:
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:	992511375
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

Water Details

Water ID:	934082361
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

Water Details

Water ID:	934082360
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	11761131	***Tag No:***	
Depth M:	20.7264	***Contractor:***	1804
Year Completed:	1991	***Path:***	251\2511375.pdf
Well Completed Dt:	1991/05/23	***Latitude:***	44.5364890954371
Audit No:	81962	***Longitude:***	-80.465953728249

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 1	E/245.7	216.5 / 2.10	lot 29 con 10 ON	WWIS

Well ID:	2500565	***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:***	05-Mar-1965 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3408
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	GREY
Elevatn Reliabilty:		***Lot:***	029
Depth to Bedrock:		***Concession:***	10

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2500565.pdf

Additional Detail(s) (Map)

Well Completed Date:	1964/10/15
Year Completed:	1964
Depth (m):	21.9456
Latitude:	44.5368662842223
Longitude:	-80.4657564424114
Path:	250\2500565.pdf

Bore Hole Information

Bore Hole ID:	10125918	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	542444.40
Code OB Desc:		**North83:**	4931643.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	15-Oct-1964 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931344856
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931344858
Layer:	3
Color:	
General Color:	

Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 52.0
Formation End Depth: 72.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931344857
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 05
Mat2 Desc: CLAY
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962500565
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10674488
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930211448
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 72.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930211447
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 2.0

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

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 992500565
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth: 25.0
Pumping Rate:
Flowing Rate: 5.0
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: Yes

Water Details

Water ID: 933575911
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10125918
Depth M: 21.9456
Year Completed: 1964
Well Completed Dt: 1964/10/15
Audit No:
Tag No:
Contractor: 3408
Path: 250\2500565.pdf
Latitude: 44.5368662842223
Longitude: -80.4657564424114

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
GEN	COLLINGWOOD, CORP. OF THE TOWN OF	10 TH LINE, LANDFILL SITE C/O P.O. BOX 157	COLLINGWOOD ON	L9Y 3Z5

Unplottable Report

Site: ***COLLINGWOOD, CORP. OF THE TOWN OF***
10 TH LINE, LANDFILL SITE C/O P.O. BOX 157 COLLINGWOOD ON L9Y 3Z5

Database: ***GEN***

Generator No:	ON0741702
SIC Code:	0000
SIC Description:	*** NOT DEFINED ***
Approval Years:	90
PO Box No:	
Country:	
Status:	
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility:	
MHSW Facility:	

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry (ONDMNRF) maintains this database of pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Oct 2022

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-May 31, 2022

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 2021

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

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-May 31, 2022

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 -Sep 2022

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-Feb 2023

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Feb 28, 2023

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 - Oct 2022

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: Feb 28, 2022

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011- Feb 28, 2023

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Feb 28, 2023

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Feb 28, 2023

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Dec 31, 2022

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, 2021

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

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-Dec 2022

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

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 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

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 21, 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 2023

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, 2021

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-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: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Nov 30, 2022

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 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Feb 28, 2023

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Feb 28, 2023

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Feb 28, 2023

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, 1992-2020

Record of Site Condition: Provincial RSC

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Feb 2023

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-May 31, 2022

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Mar 2021; May 2021-Oct 2021

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Apr 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Feb 28, 2023

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: Jun 30 2022

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix D – ERIS Physical Setting Report

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23041700361p
Date Completed:		April 21, 2023
Project Number:		jknight@agileresponse.ca
Project Property:		00152 788277 Grey Road 13 Clarksburg ON
Coordinates:		
	Latitude:	44.53667507
	Longitude:	-80.46887765
	UTM Northing:	4931620.14271 Metres
	UTM Easting:	542196.565331 Metres
	UTM Zone:	UTM Zone 17T
	Elevation:	214.44 m
	Slope Direction:	NNE

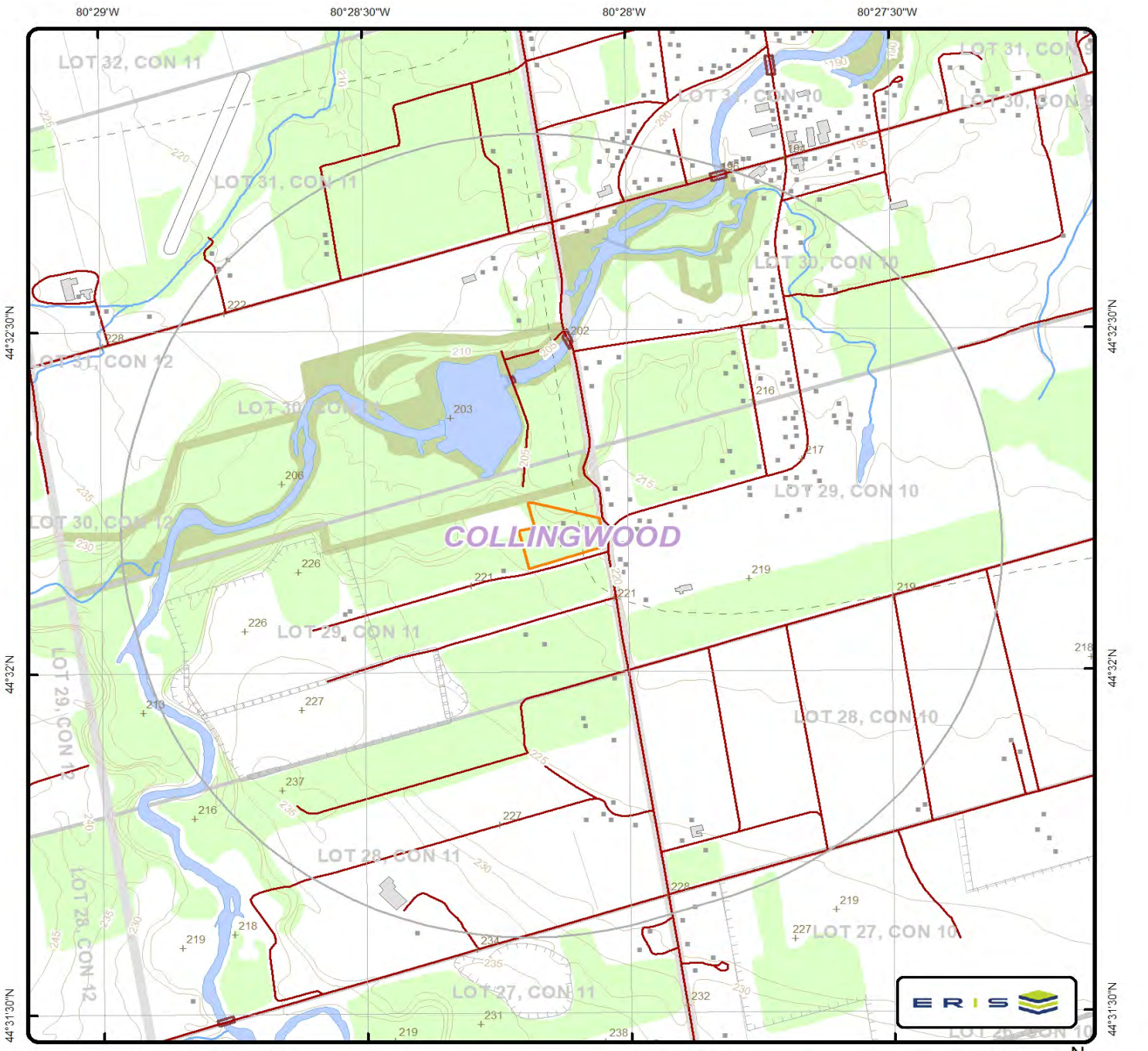
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography as well as hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Topographic Map

Address: 788277 Grey Road 13,Clarksburg,ON

0 0.225 0.45 0.9 KM

N

Spot Height (metre)	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	

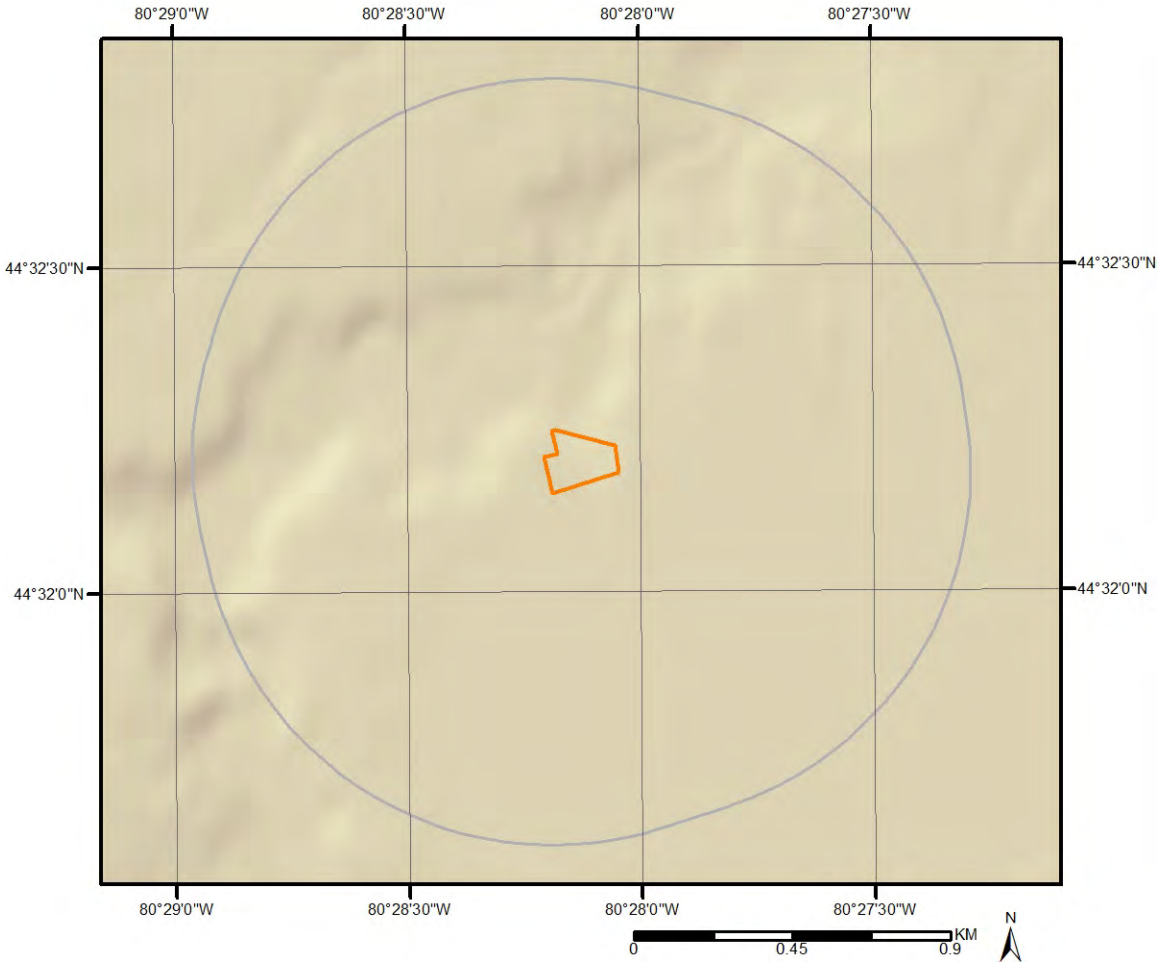
Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

Topographic Information

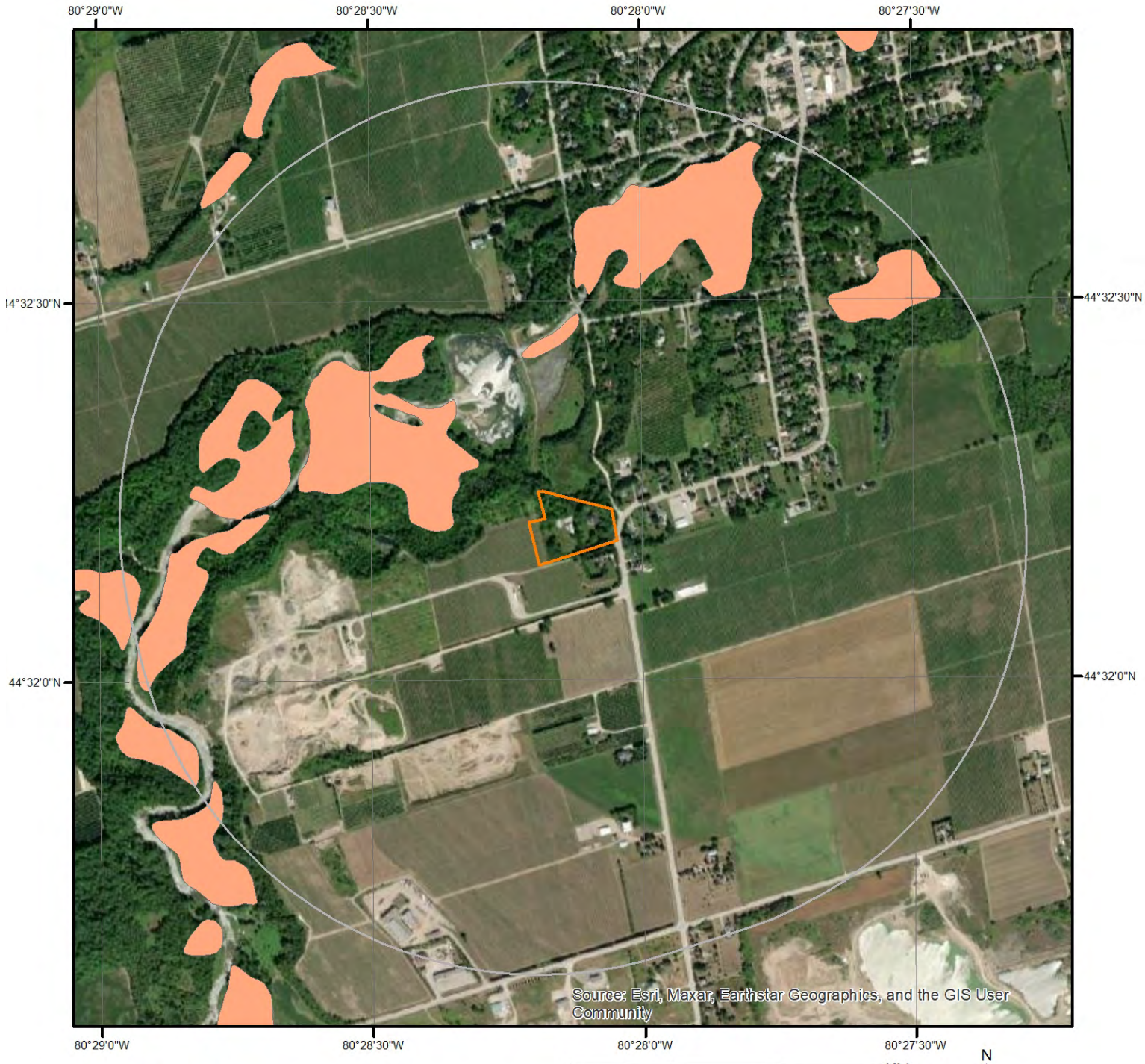
The previous topographic map(s) show general topographic information in the surrounding area of the project property, using Toporama data or a provincial source when available. Below are shaded relief map(s), derived from Digital Elevation data to depict terrain in further detail.

Topographic information at project property:

Elevation:	214.44 m
Slope Direction:	NNE



Hydrologic Information



Wetland

This map shows wetland existence. Data coverage is shown to the right.
Gray indicates no data available in the area.

0 0.125 0.25 0.5 0.75 KM

N

Swamp

ERIS

Geologic Information

Bedrock Geology

0 0.2 0.4 KM

N

This map shows bedrock geologic units in the area. Please refer to the report for detailed descriptions. Data coverage is shown to the right. Gray indicates no data available in the area.

ERIS

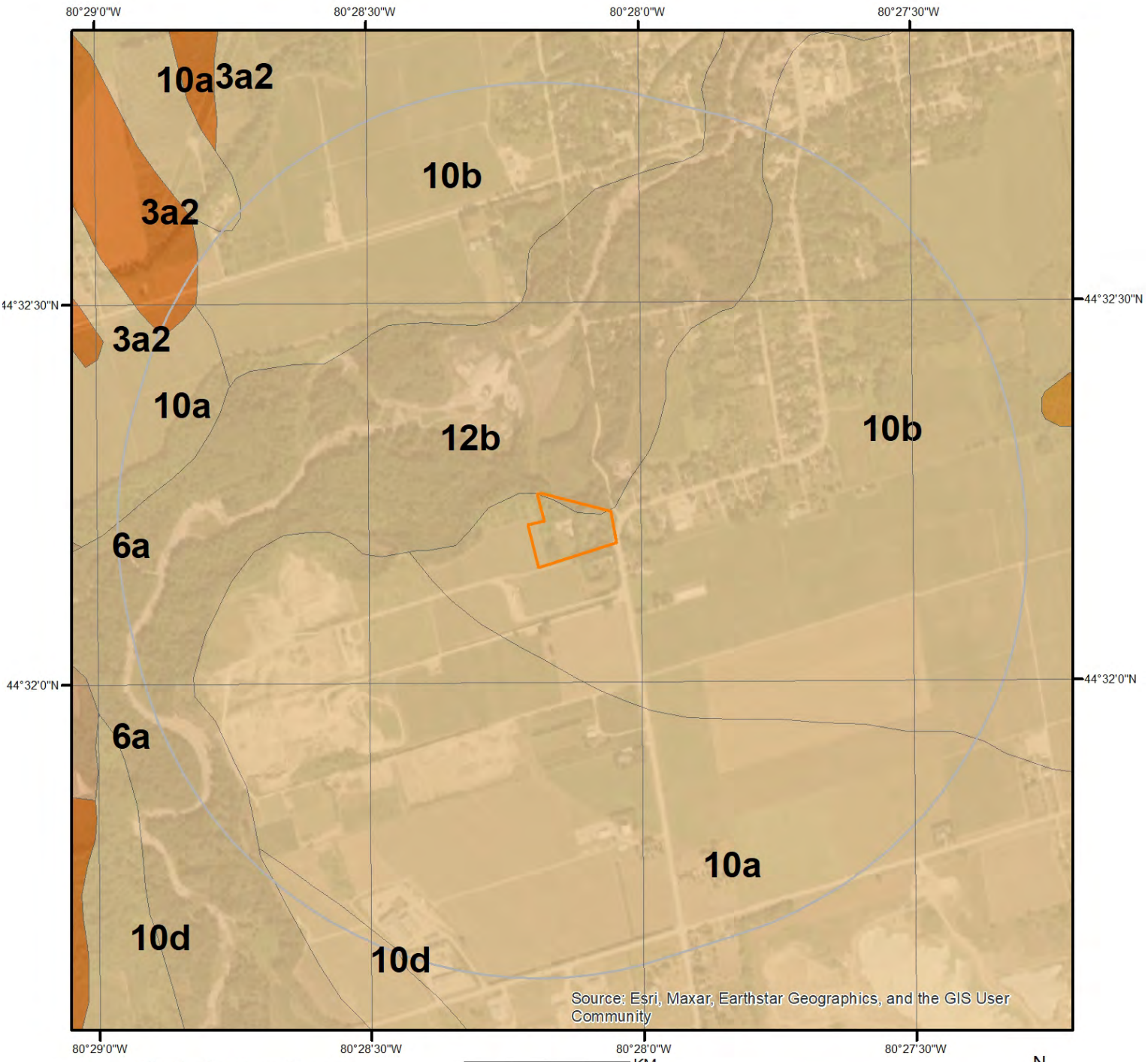
Geologic Information

Detailed bedrock geology information about each unit within the search radius is provided below.

Unit ID 20475

Unit Name:	
Rock Type:	Shale, limestone, dolostone, siltstone
Strata:	Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member
Super Eon:	
Eon:	PHANEROZOIC (Present to 542.0 Ma)
Era:	PALEOZOIC (251.0 Ma to 542.0 Ma)
Period:	ORDOVICIAN (443.7 Ma to 488.3 Ma)
Epoch:	UPPER ORDOVICIAN
Province:	
Tectonic Zone:	

Geologic Information



Surficial Geology

This map shows surficial geologic labels in the area. Please refer to the report for detailed descriptions. Data coverage is shown to the right. Gray indicates no data available in the area.

Geologic Information

Detailed surficial geology information about each unit within the search radius is provided below.

Unit ID 10b

Geological Deposit:	Glaciolacustrine or localized pond deposits
Deposit Age:	Late Wisconsinan
Primary Material:	sand
Secondary Material:	gravel
Primary General:	glaciolacustrine
Primary General Modifier:	foreshore/basinal
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	High
Material Description:	Sand, minor fine gravel

Unit ID 12b

Geological Deposit:	Modern alluvium
Deposit Age:	Recent
Primary Material:	silt, sand
Secondary Material:	
Primary General:	fluvial
Primary General Modifier:	modern floodplain
Veneer:	
Episode:	Hudson
Sub Episode:	
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	Variable
Material Description:	Sand and silt present on floodplains, local exposures of eroded till

---

Unit ID 10a

Geological Deposit:	Glaciolacustrine or localized pond deposits
Deposit Age:	Late Wisconsinan
Primary Material:	gravel
Secondary Material:	
Primary General:	glaciolacustrine

Geologic Information

Primary General Modifier:	littoral/foreshore
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	High
Material Description:	Sandy gravel

Unit ID 3a2

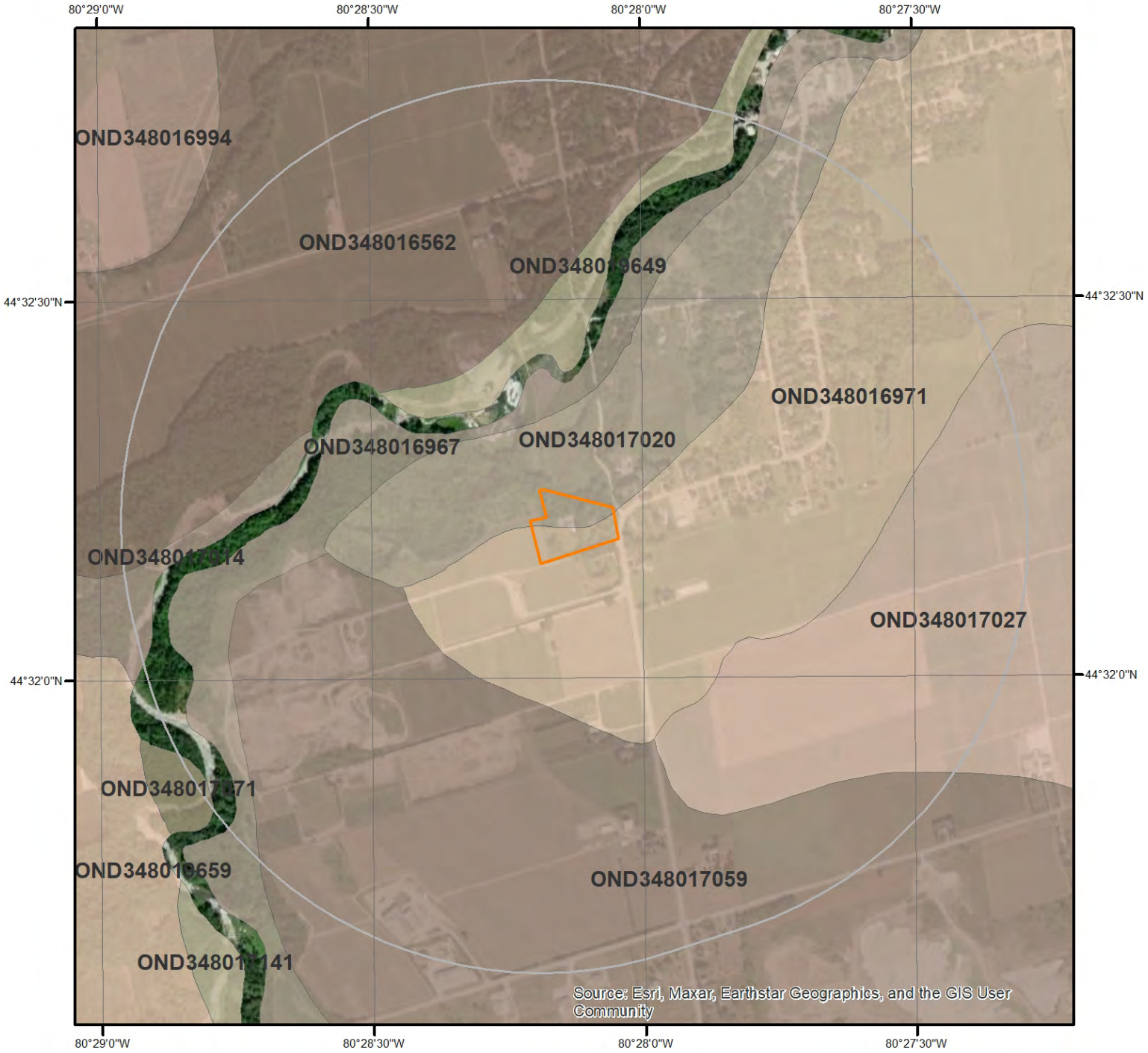
Geological Deposit:	Sandy silt till
Deposit Age:	Late Wisconsinan
Primary Material:	diamicton
Secondary Material:	
Primary General:	glacial
Primary General Modifier:	
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	Georgian Bay
Carbon Content:	
Formation:	Elma Till
Permeability:	Low-Medium
Material Description:	Sandy silt till; low relief, undulating, subdued by lakewater or meltwater erosion

---

Unit ID 10d

Geological Deposit:	Glaciolacustrine or localized pond deposits
Deposit Age:	Late Wisconsinan
Primary Material:	silt
Secondary Material:	
Primary General:	glaciolacustrine
Primary General Modifier:	foreshore/basinal
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	Low
Material Description:	Silt, clayey to sandy

Soil Information



Soil Map

0 0.2 0.4 0.8 KM

N

This map shows soil units around the target property. Please refer to the report for detailed soil descriptions.

Soil Information

Detailed soil information about each unit within the search radius is provided below.

Ontario Detailed Soil Survey (DSS3)

Polygon ID: OND348017014

Component

Component ID:	OND34801701401	**Components(%):**	100
Soil Name ID:	ONZUN~~~~~N	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	Very severe limitations preclude annual cultivation; improvements feasible.
First CLI Limitation Subclass:	Subject to occasional flooding (Inundation) from adjacent streams or waterbodies
Second CLI Limitation Subclass:	
Drainage:	Not Applicable
Soil Texture of A Horizon:	
Hydrological Soil Groups:	

Soil Name

Soil Name:	UNCLASSIFIED
Kind of Surface Material:	Unclassified
Soil Drainage Class:	Not applicable
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Not Applicable; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Not Applicable; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

Polygon ID: OND348017027

Component

Soil Information

Component ID:	OND34801702701	**Components(%):**	100
Soil Name ID:	ONTUH~~~~~A	**Slope Steepness(%):**	1.2
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	moderate limitations on use for crops
First CLI Limitation Subclass:	Low inherent soil Fertility
Second CLI Limitation Subclass:	
Drainage:	Imperfectly
Soil Texture of A Horizon:	moderately coarse sandy loam
Hydrological Soil Groups:	Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures.

Soil Name

Soil Name:	TECUMSETH
Kind of Surface Material:	Mineral
Soil Drainage Class:	Imperfectly drained
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Very Coarse; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Fluvial; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

Soil Layer

Layer No:	1	**Very Fine Sand(%):**	18
Horizon:	Ap	**Total Sand(%):**	85
Depth(cm):	0-20	**Total Silt(%):**	9
pH in Calc Chloride:	6.8	**Total Clay(%):**	6
Saturated Hydraulic Conductivity(cm/h):	5.723	**Organic Carbon(%):**	1.7
Electrical Conductivity (dS/m):	0		

Layer No:	2	**Very Fine Sand(%):**	21
Horizon:	Bt	**Total Sand(%):**	85
Depth(cm):	20-40	**Total Silt(%):**	6

Soil Information

pH in Calc Chloride:	7.1	**Total Clay(%):**	9
Saturated Hydraulic Conductivity(cm/h):	3.147	**Organic Carbon(%):**	0.4
Electrical Conductivity (dS/m):	0		
Layer No:	3	**Very Fine Sand(%):**	11
Horizon:	Ck	**Total Sand(%):**	88
Depth(cm):	40-61	**Total Silt(%):**	7
pH in Calc Chloride:	7.5	**Total Clay(%):**	5
Saturated Hydraulic Conductivity(cm/h):	4.774	**Organic Carbon(%):**	0.2
Electrical Conductivity (dS/m):	0		
Layer No:	4	**Very Fine Sand(%):**	10
Horizon:	Ck	**Total Sand(%):**	91
Depth(cm):	61-100	**Total Silt(%):**	4
pH in Calc Chloride:	7.6	**Total Clay(%):**	5
Saturated Hydraulic Conductivity(cm/h):	4.87	**Organic Carbon(%):**	0.1
Electrical Conductivity (dS/m):	0		

Polygon ID: ONDT348017020

Component

Component ID:	ONDT34801702001	**Components(%):**	50
Soil Name ID:	ONVCT~~~~~A	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Slightly stony		

Component Rating

Field Crops Capability:	No significant limitations in use for Crops
First CLI Limitation Subclass:	
Second CLI Limitation Subclass:	
Drainage:	Well
Soil Texture of A Horizon:	
Hydrological Soil Groups:	Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture.

Soil Name

Soil Information

Soil Name:	VINCENT
Kind of Surface Material:	Mineral
Soil Drainage Class:	Well drained
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Fine; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Till (Morainal); Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

Soil Layer

Layer No:	1	**Very Fine Sand(%):**	5
Horizon:	Ap	**Total Sand(%):**	25
Depth(cm):	0-19	**Total Silt(%):**	50
pH in Calc Chloride:	7	**Total Clay(%):**	25
Saturated Hydraulic Conductivity(cm/h):	0.422	**Organic Carbon(%):**	2
Electrical Conductivity (dS/m):	0		

Layer No:	2	**Very Fine Sand(%):**	5
Horizon:	Bm	**Total Sand(%):**	42
Depth(cm):	19-47	**Total Silt(%):**	38
pH in Calc Chloride:	6.8	**Total Clay(%):**	20
Saturated Hydraulic Conductivity(cm/h):	0.607	**Organic Carbon(%):**	1.5
Electrical Conductivity (dS/m):	0		

Layer No:	3	**Very Fine Sand(%):**	4
Horizon:	Bt	**Total Sand(%):**	17
Depth(cm):	47-67	**Total Silt(%):**	47
pH in Calc Chloride:	6.7	**Total Clay(%):**	36
Saturated Hydraulic Conductivity(cm/h):	0.219	**Organic Carbon(%):**	0.6
Electrical Conductivity (dS/m):	0		

Layer No:	4	**Very Fine Sand(%):**	5
Horizon:	Ck	**Total Sand(%):**	16
Depth(cm):	67-100	**Total Silt(%):**	48
pH in Calc Chloride:	7.2	**Total Clay(%):**	36
Saturated Hydraulic Conductivity(cm/h):	0.146	**Organic Carbon(%):**	0.1
Electrical Conductivity (dS/m):	0		

Soil Information

Component

Component ID:	OND34801702002	**Components(%):**	50
Soil Name ID:	ONVCT~~~~~A	**Slope Steepness(%):**	7
Component No:	2	**Slope Length(m):**	-9
Surface Stoniness Class:	Slightly stony		

Component Rating

Field Crops Capability:	moderately severe limitations on use for crops.
First CLI Limitation Subclass:	Presence of adverse Topography
Second CLI Limitation Subclass:	
Drainage:	Well
Soil Texture of A Horizon:	
Hydrological Soil Groups:	Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture.

Soil Name

Soil Name:	VINCENT
Kind of Surface Material:	Mineral
Soil Drainage Class:	Well drained
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Fine; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Till (Morainal); Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

Soil Layer

Layer No:	1	**Very Fine Sand(%):**	5
Horizon:	Ap	**Total Sand(%):**	25
Depth(cm):	0-19	**Total Silt(%):**	50
pH in Calc Chloride:	7	**Total Clay(%):**	25
Saturated Hydraulic Conductivity(cm/h):	0.422	**Organic Carbon(%):**	2
Electrical Conductivity (dS/m):	0		

Soil Information

Layer No:	2	**Very Fine Sand(%):**	5
Horizon:	Bm	**Total Sand(%):**	42
Depth(cm):	19-47	**Total Silt(%):**	38
pH in Calc Chloride:	6.8	**Total Clay(%):**	20
Saturated Hydraulic Conductivity(cm/h):	0.607	**Organic Carbon(%):**	1.5
Electrical Conductivity (dS/m):	0		

Layer No:	3	**Very Fine Sand(%):**	4
Horizon:	Bt	**Total Sand(%):**	17
Depth(cm):	47-67	**Total Silt(%):**	47
pH in Calc Chloride:	6.7	**Total Clay(%):**	36
Saturated Hydraulic Conductivity(cm/h):	0.219	**Organic Carbon(%):**	0.6
Electrical Conductivity (dS/m):	0		

Layer No:	4	**Very Fine Sand(%):**	5
Horizon:	Ck	**Total Sand(%):**	16
Depth(cm):	67-100	**Total Silt(%):**	48
pH in Calc Chloride:	7.2	**Total Clay(%):**	36
Saturated Hydraulic Conductivity(cm/h):	0.146	**Organic Carbon(%):**	0.1
Electrical Conductivity (dS/m):	0		

Polygon ID: ONDS348017071

Component

Component ID:	ONDS34801707101	**Components(%):**	100
Soil Name ID:	ONZUN~~~~~N	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	Very severe limitations preclude annual cultivation; improvements feasible.
First CLI Limitation Subclass:	Subject to occasional flooding (Inundation) from adjacent streams or waterbodies
Second CLI Limitation Subclass:	
Drainage:	Not Applicable
Soil Texture of A Horizon:	
Hydrological Soil Groups:	

Soil Information

Soil Name

Soil Name:	UNCLASSIFIED
Kind of Surface Material:	Unclassified
Soil Drainage Class:	Not applicable
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Not Applicable; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Not Applicable; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

Polygon ID: ONDS348016967

Component

Component ID:	ONDS34801696701	**Components(%):**	100
Soil Name ID:	ONZUN~~~~~N	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	Very severe limitations preclude annual cultivation; improvements feasible.
First CLI Limitation Subclass:	Subject to occasional flooding (Inundation) from adjacent streams or waterbodies
Second CLI Limitation Subclass:	
Drainage:	Not Applicable
Soil Texture of A Horizon:	
Hydrological Soil Groups:	

Soil Name

Soil Name:	UNCLASSIFIED
Kind of Surface Material:	Unclassified
Soil Drainage Class:	Not applicable
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer

Soil Information

Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Not Applicable; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Not Applicable; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

Polygon ID: OND348016971

Component

Component ID:	OND34801697101	**Components(%):**	100
Soil Name ID:	ONBGH~~~~~A	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	moderately severe limitations on use for crops.
First CLI Limitation Subclass:	Low inherent soil Fertility
Second CLI Limitation Subclass:	Low inherent Moisture holding capacity
Drainage:	Well
Soil Texture of A Horizon:	coarse sand and loamy sand
Hydrological Soil Groups:	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

Soil Name

Soil Name:	BRIGHTON
Kind of Surface Material:	Mineral
Soil Drainage Class:	Well drained
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Moderately Coarse; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Fluvial; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Extremely Calcareous; Not Applicable; Not Applicable

Soil Layer

Soil Information

Layer No:	1	**Very Fine Sand(%):**	2
Horizon:	Ap	**Total Sand(%):**	87
Depth(cm):	0-20	**Total Silt(%):**	9
pH in Calc Chloride:	7.1	**Total Clay(%):**	4
Saturated Hydraulic Conductivity(cm/h):	6.851	**Organic Carbon(%):**	1.3
Electrical Conductivity (dS/m):	0		

Layer No:	2	**Very Fine Sand(%):**	2
Horizon:	Bm	**Total Sand(%):**	90
Depth(cm):	20-37	**Total Silt(%):**	6
pH in Calc Chloride:	6.9	**Total Clay(%):**	4
Saturated Hydraulic Conductivity(cm/h):	6.499	**Organic Carbon(%):**	0.2
Electrical Conductivity (dS/m):	0		

Layer No:	3	**Very Fine Sand(%):**	1
Horizon:	Bt	**Total Sand(%):**	84
Depth(cm):	37-48	**Total Silt(%):**	6
pH in Calc Chloride:	7.4	**Total Clay(%):**	10
Saturated Hydraulic Conductivity(cm/h):	2.838	**Organic Carbon(%):**	0.2
Electrical Conductivity (dS/m):	0		

Layer No:	4	**Very Fine Sand(%):**	1
Horizon:	Ck	**Total Sand(%):**	98
Depth(cm):	48-100	**Total Silt(%):**	1
pH in Calc Chloride:	7.7	**Total Clay(%):**	1
Saturated Hydraulic Conductivity(cm/h):	7.855	**Organic Carbon(%):**	0.1
Electrical Conductivity (dS/m):	0		

Polygon ID: OND348017059

Component

Component ID:	ONDD34801705901	**Components(%):**	100
Soil Name ID:	ONZUN~~~~~N	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability: moderately severe limitations on use for crops.

Soil Information

First CLI Limitation Subclass:	Low inherent soil Fertility
Second CLI Limitation Subclass:	Low inherent Moisture holding capacity
Drainage:	Well
Soil Texture of A Horizon:	coarse sand and loamy sand
Hydrological Soil Groups:	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

Soil Name

Soil Name:	UNCLASSIFIED
Kind of Surface Material:	Unclassified
Soil Drainage Class:	Not applicable
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Not Applicable; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Not Applicable; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

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Polygon ID: OND348016562

Component

Component ID:	OND34801656201	**Components(%):**	100
Soil Name ID:	ONBGH~~~~~A	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	moderately severe limitations on use for crops.
First CLI Limitation Subclass:	Low inherent soil Fertility
Second CLI Limitation Subclass:	Low inherent Moisture holding capacity
Drainage:	Well
Soil Texture of A Horizon:	coarse sand and loamy sand
Hydrological Soil Groups:	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

Soil Information

Soil Name

Soil Name:	BRIGHTON
Kind of Surface Material:	Mineral
Soil Drainage Class:	Well drained
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Moderately Coarse; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Fluvial; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Extremely Calcareous; Not Applicable; Not Applicable

Soil Layer

Layer No:	1	**Very Fine Sand(%):**	2
Horizon:	Ap	**Total Sand(%):**	87
Depth(cm):	0-20	**Total Silt(%):**	9
pH in Calc Chloride:	7.1	**Total Clay(%):**	4
Saturated Hydraulic Conductivity(cm/h):	6.851	**Organic Carbon(%):**	1.3
Electrical Conductivity (dS/m):	0		

Layer No:	2	**Very Fine Sand(%):**	2
Horizon:	Bm	**Total Sand(%):**	90
Depth(cm):	20-37	**Total Silt(%):**	6
pH in Calc Chloride:	6.9	**Total Clay(%):**	4
Saturated Hydraulic Conductivity(cm/h):	6.499	**Organic Carbon(%):**	0.2
Electrical Conductivity (dS/m):	0		

Layer No:	3	**Very Fine Sand(%):**	1
Horizon:	Bt	**Total Sand(%):**	84
Depth(cm):	37-48	**Total Silt(%):**	6
pH in Calc Chloride:	7.4	**Total Clay(%):**	10
Saturated Hydraulic Conductivity(cm/h):	2.838	**Organic Carbon(%):**	0.2
Electrical Conductivity (dS/m):	0		

Layer No:	4	**Very Fine Sand(%):**	1
Horizon:	Ck	**Total Sand(%):**	98
Depth(cm):	48-100	**Total Silt(%):**	1
pH in Calc Chloride:	7.7	**Total Clay(%):**	1
Saturated Hydraulic Conductivity(cm/h):	7.855	**Organic Carbon(%):**	0.1

Soil Information

Electrical Conductivity (dS/m):	0

Polygon ID: ONDS348019649

Component

Component ID:	OND34801964901	**Components(%):**	100
Soil Name ID:	ONZUN~~~~~N	**Slope Steepness(%):**	3.5
Component No:	1	**Slope Length(m):**	-9
Surface Stoniness Class:	Nonstony		

Component Rating

Field Crops Capability:	Very severe limitations preclude annual cultivation; improvements feasible.
First CLI Limitation Subclass:	Subject to occasional flooding (Inundation) from adjacent streams or waterbodies
Second CLI Limitation Subclass:	
Drainage:	Not Applicable
Soil Texture of A Horizon:	
Hydrological Soil Groups:	

Soil Name

Soil Name:	UNCLASSIFIED
Kind of Surface Material:	Unclassified
Soil Drainage Class:	Not applicable
Water Table Charateristics:	Unspecified period
Layer that Restricts Root Growth:	No root restricting layer
Type of Root Restricting Layer:	n/a
Parent Material 1, 2, 3:	Not Applicable; Not Applicable; Not Applicable
Mode of Deposition 1,2,3:	Not Applicable; Not Applicable; Not Applicable
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

Wells and Additional Sources

Wells & Additional Sources

- Project Property
- Buffer
- Buffer
- Buffer
- Buffer
- Buffer
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- World Imagery

0 0.075 0.15 0.3 KM

N

ERIS

Wells and Additional Sources Summary

Federal Sources

National Energy Board Wells

Map Key	ID	Distance (m)	Direction
	No records found		

Provincial Sources

Ontario Oil and Gas Wells

Map Key	ID	Distance (m)	Direction
	No records found		

Provincial Groundwater Monitoring Network

Map Key	ID	Distance (m)	Direction
	No records found		

Water Well Information System

Map Key	Well ID	Distance (m)	Direction
1	2506998	56.67	ESE
1	2507803	56.67	ESE
2	2507774	58.95	E
3	2506907	59.46	NE
4	2511372	97.97	E
5	2511373	102.82	E
6	2511375	119.31	E
7	2507773	128.61	SE
8	2500565	141.16	E
9	2500576	210.8	ENE
10	2500567	215.36	ENE
11	2511374	222.38	ENE
12	2500563	246.45	ENE

Private Sources

Oil and Gas Wells

Map Key	ID	Distance (m)	Direction
	No records found		

Wells and Additional Sources Detail Report

Water Well Information System

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
1	ESE	0.06	56.67	218.95	WWIS

Well ID:	2506998	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-Nov-1979 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4716
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2506998.pdf

Well Completed Date:	1979/09/18
Year Completed:	1979
Depth (m):	21.336
Latitude:	44.5362408308337
Longitude:	-80.4667691022581
Path:	250\2506998.pdf

Bore Hole ID:	10132170	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542364.40
Code OB Desc:		North83:	4931573.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	18-Sep-1979 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5

Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Formation ID:	931369465
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Formation ID:	931369470
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	31
Most Common Material:	COARSE GRAVEL
Mat2:	10
Mat2 Desc:	COARSE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	68.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Formation ID:	931369466
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY

Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Formation ID:	931369467
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	17.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Formation ID:	931369468
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	48.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Formation ID:	931369469
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11

Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Method Construction ID:	962506998
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10680740
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930222868
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	BAILER
Pump Test ID:	992506998
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	14.0
Recommended Pump Depth:	30.0
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:	4
Pumping Duration MIN:	0
Flowing:	No

Water ID:	933583306
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

Bore Hole ID:	10132170	Tag No:	
Depth M:	21.336	Contractor:	4716
Year Completed:	1979	Path:	250\2506998.pdf
Well Completed Dt:	1979/09/18	Latitude:	44.5362408308337
Audit No:		Longitude:	-80.4667691022581

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
1	ESE	0.06	56.67	218.95	WWIS

Well ID:	2507803	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-Jan-1983 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4716
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2507803.pdf

Wells and Additional Sources Detail Report

Well Completed Date:	1982/12/02
Year Completed:	1982
Depth (m):	21.9456
Latitude:	44.5362408308337
Longitude:	-80.4667691022581
Path:	250\2507803.pdf

Bore Hole ID:	10132967	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542364.40
Code OB Desc:		North83:	4931573.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	02-Dec-1982 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931372777
Layer:	7
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	71.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Formation ID:	931372771
Layer:	1
Color:	8
General Color:	BLACK

Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Formation ID:	931372775
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Formation ID:	931372774
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	25.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Formation ID:	931372776
Layer:	6
Color:	8
General Color:	BLACK
Mat1:	28

Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Formation ID:	931372772
Layer:	2
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Formation ID:	931372773
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Method Construction ID:	962507803
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Wells and Additional Sources Detail Report

Pipe ID:	10681537
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930224292
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	72.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	PUMP
Pump Test ID:	992507803
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	55.0
Recommended Pump Depth:	65.0
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

Pump Test Detail ID:	934706136
Test Type:	Recovery
Test Duration:	45
Test Level:	6.0
Test Level UOM:	ft

Water ID:	933584362
Layer:	1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.0
Water Found Depth UOM:	ft

Bore Hole ID:	10132967	Tag No:	
Depth M:	21.9456	Contractor:	4716
Year Completed:	1982	Path:	250\2507803.pdf
Well Completed Dt:	1982/12/02	Latitude:	44.5362408308337
Audit No:		Longitude:	-80.4667691022581

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
2	E	0.06	58.95	218.86	WWIS

Well ID:	2507774	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	08-Nov-1982 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4716
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2507774.pdf

Well Completed Date:	1982/09/24
Year Completed:	1982
Depth (m):	21.336
Latitude:	44.5366909443484
Longitude:	-80.4667649943848
Path:	250\2507774.pdf

Wells and Additional Sources Detail Report

Bore Hole ID:	10132939	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542364.40
Code OB Desc:		North83:	4931623.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	24-Sep-1982 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931372633
Layer:	2
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Formation ID:	931372634
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	25.0

Formation End Depth UOM:	ft

Formation ID:	931372638
Layer:	7
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	66.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

Formation ID:	931372639
Layer:	8
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	69.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Formation ID:	931372637
Layer:	6
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	66.0
Formation End Depth UOM:	ft

Formation ID:	931372635
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	25.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Formation ID:	931372636
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

Formation ID:	931372632
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method Construction ID:	962507774
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10681509
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930224246
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	70.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	PUMP
Pump Test ID:	992507774
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	7.0
Recommended Pump Depth:	30.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	19
Pumping Duration MIN:	0
Flowing:	No

Pump Test Detail ID:	934160619
Test Type:	Recovery

Test Duration:	15
Test Level:	6.0
Test Level UOM:	ft

Water ID:	933584325
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Bore Hole ID:	10132939	Tag No:	
Depth M:	21.336	Contractor:	4716
Year Completed:	1982	Path:	250\2507774.pdf
Well Completed Dt:	1982/09/24	Latitude:	44.5366909443484
Audit No:		Longitude:	-80.4667649943848

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
3	NE	0.06	59.46	216.74	WWIS

Well ID:	2506907	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:	16-Aug-1979 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4716
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2506907.pdf

Wells and Additional Sources Detail Report

Well Completed Date:	1979/07/18
Year Completed:	1979
Depth (m):	20.7264
Latitude:	44.5375941077868
Longitude:	-80.4673861042294
Path:	250\2506907.pdf

Bore Hole ID:	10132080	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542314.40
Code OB Desc:		North83:	4931723.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	18-Jul-1979 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931369025
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Formation ID:	931369026
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05

Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Formation ID:	931369027
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	65.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Method Construction ID:	962506907
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10680650
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930222713
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	BAILER
Pump Test ID:	992506907
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	65.0
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:	20
Pumping Duration MIN:	0
Flowing:	No

Pump Test Detail ID:	934443050
Test Type:	Recovery
Test Duration:	30
Test Level:	16.0
Test Level UOM:	ft

Water ID:	933583198
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Bore Hole ID:	10132080	Tag No:	
Depth M:	20.7264	Contractor:	4716
Year Completed:	1979	Path:	250\2506907.pdf
Well Completed Dt:	1979/07/18	Latitude:	44.5375941077868
Audit No:		Longitude:	-80.4673861042294

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
4	E	0.10	97.97	218.03	WWIS

Wells and Additional Sources Detail Report

Well ID:	2511372	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	08-Jul-1991 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	81965	Contractor:	1804
Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511372.pdf

Well Completed Date:	1991/06/03
Year Completed:	1991
Depth (m):	19.812
Latitude:	44.5364453196837
Longitude:	-80.4662184512968
Path:	251\2511372.pdf

Bore Hole ID:	11761133	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542408.00
Code OB Desc:		North83:	4931596.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	03-Jun-1991 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Formation ID:	932992063
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Formation ID:	932992065
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	14.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

Formation ID:	933064419
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	65.0

Formation End Depth UOM:	ft

Formation ID:	932992064
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Formation ID:	932993612
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	38.0
Formation End Depth UOM:	ft

Formation ID:	932993613
Layer:	5
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	38.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Wells and Additional Sources Detail Report

Method Construction ID:	962511372
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe ID:	11768823
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930852351
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	56.0
Depth To:	65.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930846698
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	50.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Screen ID:	933409700
Layer:	1
Slot:	
Screen Top Depth:	61.0
Screen End Depth:	65.0
Screen Material:	1
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Pumping Test Method Desc:	
Pump Test ID:	11776174
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	50.0
Flowing Rate:	30.0
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	2
Pumping Duration MIN:	40
Flowing:	Yes

Water ID:	934075526
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Water ID:	934057886
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55.0
Water Found Depth UOM:	ft

Bore Hole ID:	11761133	Tag No:	
Depth M:	19.812	Contractor:	1804
Year Completed:	1991	Path:	251\2511372.pdf
Well Completed Dt:	1991/06/03	Latitude:	44.5364453196837
Audit No:	81965	Longitude:	-80.4662184512968

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
5	E	0.10	102.82	218.03	WWIS

Wells and Additional Sources Detail Report

Well ID:	2511373	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	08-Jul-1991 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	81963	Contractor:	1804
Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511373.pdf

Well Completed Date:	1991/05/30
Year Completed:	1991
Depth (m):	19.812
Latitude:	44.5364180187422
Longitude:	-80.4661557667085
Path:	251\2511373.pdf

Bore Hole ID:	11761132	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542413.00
Code OB Desc:		North83:	4931593.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	30-May-1991 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Wells and Additional Sources Detail Report

Source Revision Comment:
Supplier Comment:

Formation ID:	933064424
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	48.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Formation ID:	933064421
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Formation ID:	933064423
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	48.0

Formation End Depth UOM:	ft

Formation ID:	933064420
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Formation ID:	933064422
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Formation ID:	933064425
Layer:	6
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Wells and Additional Sources Detail Report

Method Construction ID:	962511373
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe ID:	11768822
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930852723
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	54.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930852768
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	54.0
Depth To:	65.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Screen ID:	933411012
Layer:	1
Slot:	
Screen Top Depth:	61.0
Screen End Depth:	65.0
Screen Material:	1
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Pumping Test Method Desc:	
Pump Test ID:	11776173
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	110.0
Flowing Rate:	50.0
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	2
Pumping Duration MIN:	20
Flowing:	Yes

Water ID:	934082358
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60.0
Water Found Depth UOM:	ft

Water ID:	934082359
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

Bore Hole ID:	11761132	Tag No:	
Depth M:	19.812	Contractor:	1804
Year Completed:	1991	Path:	251\2511373.pdf
Well Completed Dt:	1991/05/30	Latitude:	44.5364180187422
Audit No:	81963	Longitude:	-80.4661557667085

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
6	E	0.12	119.31	217.42	WWIS

Wells and Additional Sources Detail Report

Well ID:	2511375	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	08-Jul-1991 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	81962	Contractor:	1804
Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511375.pdf

Well Completed Date:	1991/05/23
Year Completed:	1991
Depth (m):	20.7264
Latitude:	44.5364890954371
Longitude:	-80.465953728249
Path:	251\2511375.pdf

Bore Hole ID:	11761131	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542429.00
Code OB Desc:		North83:	4931601.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	23-May-1991 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Formation ID:	933084287
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	39.0
Formation End Depth UOM:	ft

Formation ID:	933084289
Layer:	5
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Formation ID:	933084286
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	15.0

Formation End Depth UOM:	ft

Formation ID:	933084288
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	39.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

Formation ID:	933084285
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Method Construction ID:	962511375
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe ID:	11768821
Casing No:	1
Comment:	
Alt Name:	

Wells and Additional Sources Detail Report

Casing ID:	930852769
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	64.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Screen ID:	933411013
Layer:	1
Slot:	40
Screen Top Depth:	
Screen End Depth:	
Screen Material:	1
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	5.0

Pumping Test Method Desc:	
Pump Test ID:	992511375
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

Water ID:	934082361
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0

Water Found Depth UOM: ft

Water ID: 934082360
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58.0
Water Found Depth UOM: ft

Bore Hole ID:	11761131	Tag No:	
Depth M:	20.7264	Contractor:	1804
Year Completed:	1991	Path:	251\2511375.pdf
Well Completed Dt:	1991/05/23	Latitude:	44.5364890954371
Audit No:	81962	Longitude:	-80.465953728249

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
7	SE	0.13	128.61	220.03	WWIS

Well ID:	2507773	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	08-Nov-1982 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4716
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2507773.pdf

Well Completed Date: 1982/10/01
Year Completed: 1982

Depth (m):	21.6408
Latitude:	44.5353406036968
Longitude:	-80.4667773177165
Path:	250\2507773.pdf

Bore Hole ID:	10132938	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542364.40
Code OB Desc:		North83:	4931473.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	01-Oct-1982 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931372631
Layer:	8
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	68.0
Formation End Depth:	71.0
Formation End Depth UOM:	ft

Formation ID:	931372625
Layer:	2
Color:	5
General Color:	YELLOW
Mat1:	05
Most Common Material:	CLAY
Mat2:	28

Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Formation ID:	931372630
Layer:	7
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Formation ID:	931372624
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Formation ID:	931372626
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY

Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Formation ID:	931372629
Layer:	6
Color:	8
General Color:	BLACK
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Formation ID:	931372628
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

Formation ID:	931372627
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	

Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	40.0
Formation End Depth UOM:	ft
Method Construction ID:	962507773
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
Pipe ID:	10681508
Casing No:	1
Comment:	
Alt Name:	
Casing ID:	930224245
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	71.0
Casing Diameter:	5.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
Pumping Test Method Desc:	PUMP
Pump Test ID:	992507773
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	10.0
Recommended Pump Depth:	30.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	7

Pumping Duration MIN:	0
Flowing:	No
Water ID:	933584324
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	71.0
Water Found Depth UOM:	ft

Bore Hole ID:	10132938	Tag No:	
Depth M:	21.6408	Contractor:	4716
Year Completed:	1982	Path:	250\2507773.pdf
Well Completed Dt:	1982/10/01	Latitude:	44.5353406036968
Audit No:		Longitude:	-80.4667773177165

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
8	E	0.14	141.16	216.55	WWIS

Well ID:	2500565	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:	05-Mar-1965 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3408
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2500565.pdf

Well Completed Date: 1964/10/15

Wells and Additional Sources Detail Report

Year Completed:	1964
Depth (m):	21.9456
Latitude:	44.5368662842223
Longitude:	-80.4657564424114
Path:	250\2500565.pdf

Bore Hole ID:	10125918	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542444.40
Code OB Desc:		North83:	4931643.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	15-Oct-1964 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931344856
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Formation ID:	931344858
Layer:	3
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND

Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	52.0
Formation End Depth:	72.0
Formation End Depth UOM:	ft

Formation ID:	931344857
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

Method Construction ID:	962500565
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10674488
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930211448
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	72.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930211447
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	2.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	
Pump Test ID:	992500565
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	25.0
Pumping Rate:	
Flowing Rate:	5.0
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

Water ID:	933575911
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	72.0
Water Found Depth UOM:	ft

Bore Hole ID:	10125918	Tag No:	
Depth M:	21.9456	Contractor:	3408
Year Completed:	1964	Path:	250\2500565.pdf
Well Completed Dt:	1964/10/15	Latitude:	44.5368662842223
Audit No:		Longitude:	-80.4657564424114

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB

9	ENE	0.21	210.80	215.00	WWIS

Well ID:	2500576	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:	17-Feb-1967 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3805
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2500576.pdf

Well Completed Date:	1966/10/23
Year Completed:	1966
Depth (m):	19.812
Latitude:	44.5378538827869
Longitude:	-80.4651809919147
Path:	250\2500576.pdf

Bore Hole ID:	10125929	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542489.40
Code OB Desc:		North83:	4931753.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	23-Oct-1966 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			

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

Formation ID:	931344901
Layer:	4
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Formation ID:	931344899
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Formation ID:	931344898
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	

Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

Formation ID:	931344900
Layer:	3
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	45.0
Formation End Depth UOM:	ft

Method Construction ID:	962500576
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10674499
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930211460
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	PUMP

Pump Test ID:	992500576
Pump Set At:	
Static Level:	4.0
Final Level After Pumping:	5.0
Recommended Pump Depth:	25.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water ID:	933575922
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	64.0
Water Found Depth UOM:	ft

Bore Hole ID:	10125929	Tag No:	
Depth M:	19.812	Contractor:	3805
Year Completed:	1966	Path:	250\2500576.pdf
Well Completed Dt:	1966/10/23	Latitude:	44.5378538827869
Audit No:		Longitude:	-80.4651809919147

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
10	ENE	0.22	215.36	215.00	WWIS

Well ID:	2500567	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-Jul-1967 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3408
Tag:		Form Version:	1
Constructn Method:		Owner:	

Wells and Additional Sources Detail Report

Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2500567.pdf

Well Completed Date:	1967/06/27
Year Completed:	1967
Depth (m):	24.0792
Latitude:	44.5378535880749
Longitude:	-80.4651180590652
Path:	250\2500567.pdf

Bore Hole ID:	10125920	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542494.40
Code OB Desc:		North83:	4931753.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	27-Jun-1967 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931344864
Layer:	1
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN

Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	76.0
Formation End Depth UOM:	ft

Formation ID:	931344865
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	76.0
Formation End Depth:	79.0
Formation End Depth UOM:	ft

Method Construction ID:	962500567
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10674490
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930211450
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	79.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	PUMP
Pump Test ID:	992500567
Pump Set At:	
Static Level:	-2.0
Final Level After Pumping:	10.0
Recommended Pump Depth:	15.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	24
Pumping Duration MIN:	0
Flowing:	Yes

Water ID:	933575913
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76.0
Water Found Depth UOM:	ft

Bore Hole ID:	10125920	Tag No:	
Depth M:	24.0792	Contractor:	3408
Year Completed:	1967	Path:	250\2500567.pdf
Well Completed Dt:	1967/06/27	Latitude:	44.5378535880749
Audit No:		Longitude:	-80.4651180590652

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
11	ENE	0.22	222.38	215.00	WWIS

Well ID:	2511374	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:		Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	08-Jul-1991 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	81956	Contractor:	1804

Wells and Additional Sources Detail Report

Tag:		Form Version:	2
Constructn Method:		Owner:	
Elevation (m):		County:	GREY
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:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/251\2511374.pdf

Well Completed Date:	1991/05/22
Year Completed:	1991
Depth (m):	39.0144
Latitude:	44.5379885866905
Longitude:	-80.4651092708689
Path:	251\2511374.pdf

Bore Hole ID:	11761130	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542495.00
Code OB Desc:		North83:	4931768.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	22-May-1991 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	933084283
Layer:	5
Color:	6
General Color:	BROWN

Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	90.0
Formation End Depth:	118.0
Formation End Depth UOM:	ft

Formation ID:	933084281
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Formation ID:	933064426
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Formation ID:	933084284
Layer:	6
Color:	
General Color:	
Mat1:	

Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	118.0
Formation End Depth:	128.0
Formation End Depth UOM:	ft

Formation ID:	933084282
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	70.0
Formation End Depth:	90.0
Formation End Depth UOM:	ft

Formation ID:	933084280
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Plug ID:	933256777
Layer:	3
Plug From:	80.0
Plug To:	120.0
Plug Depth UOM:	ft

Plug ID:	933256734
Layer:	1
Plug From:	0.0
Plug To:	60.0
Plug Depth UOM:	ft

Plug ID:	933256776
Layer:	2
Plug From:	60.0
Plug To:	80.0
Plug Depth UOM:	ft

Method Construction ID:	962511374
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe ID:	11768820
Casing No:	1
Comment:	
Alt Name:	

Bore Hole ID:	11761130	Tag No:	
Depth M:	39.0144	Contractor:	1804
Year Completed:	1991	Path:	251\2511374.pdf
Well Completed Dt:	1991/05/22	Latitude:	44.5379885866905
Audit No:	81956	Longitude:	-80.4651092708689

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
12	ENE	0.25	246.45	215.00	WWIS

Well ID:	2500563	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:	31-Aug-1964 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3408
Tag:		Form Version:	1
Constructn Method:		Owner:	

Wells and Additional Sources Detail Report

Elevation (m):		County:	GREY
Elevatn Reliabilty:		Lot:	029
Depth to Bedrock:		Concession:	10
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	COLLINGWOOD TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/250\2500563.pdf

Well Completed Date:	1964/08/27
Year Completed:	1964
Depth (m):	20.7264
Latitude:	44.5380321592961
Longitude:	-80.4648017455448
Path:	250\2500563.pdf

Bore Hole ID:	10125916	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	542519.40
Code OB Desc:		North83:	4931773.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	27-Aug-1964 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	931344853
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	68.0
Formation End Depth UOM:	ft

Method Construction ID:	962500563
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe ID:	10674486
Casing No:	1
Comment:	
Alt Name:	

Casing ID:	930211445
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	68.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Casing ID:	930211444
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	64.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Pumping Test Method Desc:	
Pump Test ID:	992500563
Pump Set At:	

Wells and Additional Sources Detail Report

Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	40.0
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

Water ID:	933575909
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68.0
Water Found Depth UOM:	ft

Bore Hole ID:	10125916	Tag No:	
Depth M:	20.7264	Contractor:	3408
Year Completed:	1964	Path:	250\2500563.pdf
Well Completed Dt:	1964/08/27	Latitude:	44.5380321592961
Audit No:		Longitude:	-80.4648017455448

Radon Information

Detailed radon information for the project property is provided below.

Radon Zone Information

ID:	144851	**Radon Rank:**	MOD

Health Canada Radon Information

Health Region:	3533
Health Region Name:	Grey Bruce Health Unit
Province or Territory:	ON
Number Homes in Survey:	99
% Below 200 Bq/m3:	88.9
% Above 200 Bq/m3:	11.1
200 to 600 Bq/m3:	10.1
% Above 600 Bq/m3:	1

Area of Natural and Scientific Interest Information

There is no ANSI unit available in this area.

Area of Natural and Scientific Interest Information

Detailed ANSI information is provided below.

No records found for the project property or surrounding properties.

Appendix

Federal Sources

Bedrock Geology of Canada — **BEDROCK GEOLOGY**

The Geological Map of Canada is scaled at 1:5,000,000. This map is created by Geological Survey of Canada and published by Natural Resources Canada.

Health Canada Radon Information — **RADON**

This source is the results from the Cross-Canada Survey of Radon Concentrations in Homes, a two-year study conducted by Health Canada's National Radon Program. The aims of this study were to obtain an estimate of the proportion of the Canadian population living in homes with radon gas levels above the guideline of 200 Bq/m3, to identify previously unknown areas where radon gas exposure may constitute a health risk, and to build, over time, a map of indoor radon gas exposure levels across Canada.

National Energy Board Wells — **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.

Soil Landscapes of Canada (SLC) — **SLC**

Major characteristics of soil and land such as surface form, slope, water table depth, permafrost and lakes.

Surficial Geology of Canada — **SURFICIAL GEOLOGY**

This map contains information on surficial materials and associated landforms left by the retreat of the last glaciers and non glacial environments. It is based on compilation of existing maps. This data was authored by the Geological Survey of Canada and published by Natural Resources Canada.

Toporama — **TOPORAMA**

Toporama covers the entire area of Canada's landmass and provides topographic, geo-referenced, and symbolic information in a raster format at 1:50,000 scale. This is a digital topographic reference product made available by Natural Resources Canada (NRCan).

Provincial Sources

Area of Natural and Scientific Interest — **ANSI**

Areas of Natural and Scientific Interest (ANSIs) are lands and waters with features that are important for natural heritage protection, appreciation, scientific study or education. This dataset is made available by Ontario Ministry of Natural Resources.

Bedrock Geology of Ontario — **BEDROCK GEOLOGY**

The Bedrock Geology layer shows the distribution of bedrock units underlying Ontario at a 1:250,000 scale. The geology of the province consists of Precambrian rocks of the Canadian Shield and Phanerozoic sedimentary rocks that overlie the Canadian Shield. This layer was compiled by the Precambrian Geoscience Section of Ontario Geological Survey.

Ontario Detailed Soil Survey (DSS3) — **SOIL SURVEY**

Soil surveys have been published for most of the agricultural areas, and many surrounding areas, across Canada. Data from these surveys comprise the most detailed soil inventory information in the National Soil DataBase. Data is made available by Agriculture and Agri-Food Canada

Ontario Oil and Gas Wells — **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.

Provincial Groundwater Monitoring Network — **GROUNDWATER**

Appendix

Groundwater level and chemistry data from monitoring wells that are part of the Provincial Groundwater Monitoring Network (PGMN) Program. Precipitation data (rain) is also available for some sites. This data is provided by Ontario Ministry of Environment and Climate Change.

Surficial Geology of Ontario **SURFICIAL GEOLOGY**

The Surficial Geology dataset contains a layer depicting the distribution and characteristics of surficial deposits across southern Ontario. This data set is authored by the Ontario Geological Survey.

Topographic Map of Ontario **TOPOGRAPHIC MAP**

The Ontario Basic Mapping program provides a relationship between topographic information and the provincial geographical referencing grid, thereby forming the foundation for a comprehensive provincial geographical referencing system. This data is made available by the Ontario Ministry of Natural Resources and Forestry. This is ERIS self-designed topographic map template at 1:10,000.

Water Well Information System **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.

Wetlands of Ontario **WETLAND**

The Ministry of Natural Resources and Forestry has made available a database of wetlands in Ontario. Certain attributes identify wetlands that have been evaluated with the Ontario Wetland Evaluation System (OWES), and of those which ones have been designated as Provincially Significant Wetlands (PSW).

Private Sources

Oil and Gas Wells **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.

Radon Zone Information **RADON**

The Radon Potential Map is developed by Radon Environmental Management Corporation. Its objective was to illustrate the relative variation of radon risk across the country, and in 2011 it published its first geologic Radon Potential Map of Canada.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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

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Appendix E – Aerial Photographs

HISTORICAL AERIALS

Project Property: 00152
788277 Grey Road 13
Clarksburg ON

Project No: jknight@agileresponse.ca

Requested By: Agile Response Consulting Limited

Order No: 23041700361

Date Completed: April 19,2023

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

Date	Source	Scale	Comments
2019	MAXAR TECHNOLOGIES	10,000	
1995	National Air Photo Library	10,000	
1987	National Air Photo Library	10,000	
1974	National Air Photo Library	10,000	
1965	National Air Photo Library	10,000	Adjacent Frame Unavailable
1954	Hunting Survey Corporation Limited	10,000	Best Copy Available
1940	Missing Coverage		
1938	National Air Photo Library	10,000	Adjacent Frame Unavailable
1920	Missing Coverage		

Year: 2019
Source: MAXAR
Scale: 10,000
Comment:

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Year: 1995
Source: NAPL
Scale: 10,000
Comment:

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Year: 1987
Source: NAPL
Scale: 10,000
Comment:

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Year: 1974
Source: NAPL
Scale: 10,000
Comment:

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Year: 1965
Source: NAPL
Scale: 10,000
Comment: Adjacent Frame Unavailable

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Year: 1954
Source: HSC
Scale: 10,000
Comment: Best Copy Available

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Year: 1938
Source: NAPL
Scale: 10,000
Comment: Adjacent Frame Unavailable

Address: 788277 Grey Road 13, Clarksburg, ON
Approx Center: -80.46887765,44.53667507

Order No: 23041700361

ERIS

Appendix F – Well Records

Ministry of the Environment
Ontario

2nd [illegible]

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

2511375

MUNICIP 25003

CON.

COUNTY OR DISTRICT: GREY

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: COLLINGWOOD

CON., BLOCK, TRACT, SURVEY, ETC.: -

LOT: -

[redacted] CLARKSBURG

DATE COMPLETED: DAY 23 MO 5 YR 91

21

UTM ZONE: 17 EASTING: 524429 NORTHING: 4931601 RC: ELEVATION: 715 RC: BASIN CODE:

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
		TOPSOIL		0	2
BROWN	SILT & GRAVEL			2	15
GREY	CLAY & SILT			15	39
GREY	CLAY			39	58
		GRAVEL		58	68

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
58	1 ☑ FRESH 2 ☐ SALTY
TO	1 ☐ FRESH 2 ☐ SALTY
68	1 ☑ FRESH 2 ☐ SALTY
	1 ☐ FRESH 2 ☐ SALTY
	1 ☐ FRESH 2 ☐ SALTY

3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
5	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	188	0	64
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
40	5 INCHES	4 FEET

MATERIAL AND TYPE: STEEL

DEPTH TO TOP OF SCREEN: 60 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0	64	Gravel Cement
		Bensea l. Baroid.

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER

PUMPING RATE: GPM

DURATION OF PUMPING: HOURS MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
FLOW FEET	FEET		FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE: GPM

PUMP INTAKE SET AT: FEET

WATER AT END OF TEST: 1 ☐ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE: ☐ SHALLOW ☐ DEEP

RECOMMENDED PUMP SETTING: PLUGED FEET

RECOMMENDED PUMPING RATE: GPM

FINAL STATUS OF WELL

1 ☐ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED ☐ DEWATERING

WATER USE

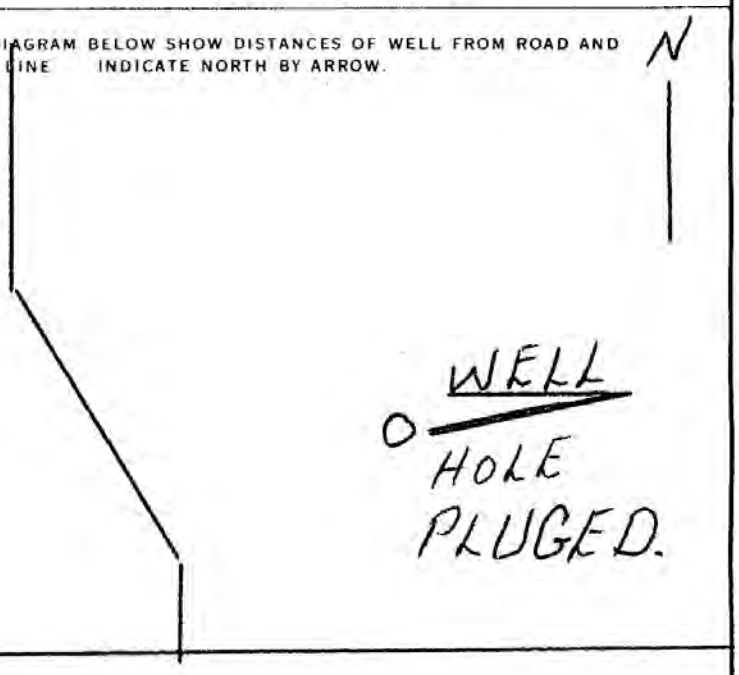
1 ☐ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF CONSTRUCTION

1 ☐ CABLE TOOL 2 ☑ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING ☐ DIGGING ☐ OTHER

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS: 1325 81962

CONTRACTOR

NAME OF WELL CONTRACTOR: Durham Drilling Ent Ltd — WELL CONTRACTOR'S LICENCE NUMBER: 1804

ADDRESS: RR2 Durham NOG 1R0

NAME OF WELL TECHNICIAN: Ranjit & Jessie — WELL TECHNICIAN'S LICENCE NUMBER: T-0206

SIGNATURE OF TECHNICIAN/CONTRACTOR: P E Johnston — SUBMISSION DATE: DAY 31 MO 5 YR 91

OFFICE USE ONLY

DATA SOURCE | CONTRACTOR: 1804 | DATE RECEIVED: JUL 08 1991

DATE OF INSPECTION | INSPECTOR

REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

CO

UTM 17 544314.0 E
Co 15 R 4931420 N
Elev. T 15 R 8 17215

41A/9 W d

WATER RESOURCES DIVISION
25 No. 565
ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 22 GREY
County or District

Township, ~~Village,~~ ~~Town~~ or ~~City~~ COLLINGWOOD

Con. 10 Lot PT. N. 1/2 29 Date completed 15 (day) 10 (month) 64 (year)

[redacted] dress CLARKSBURG ONT.

Casing and Screen Record

Inside diameter of casing 4"
Total length of casing 72 FT.
Type of screen
Length of screen none used.
Depth to top of screen
Diameter of finished hole 4"

Pumping Test

Static level FLOWS @ 5 G.P.M.
Test-pumping rate G.P.M.
Pumping level
Duration of test pumping
Water clear or cloudy at end of test CLEAR.
Recommended pumping rate 7 G.P.M.
with pump setting of 25' feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
DUG WELL	0	10		
HARD PAN CLAY	10	52		
SAND & GRAVEL	52	72	72	FRESH

For what purpose(s) is the water to be used? HOME

Is well on upland, in valley, or on hillside? UPLAND

Drilling or Boring Firm ALLAN LOUCKS

Address CHATSWORTH

Licence Number 1325

Name of Driller or Borer Emerson Schultz

Address Chatsworth

Date 15 - 10 - 64

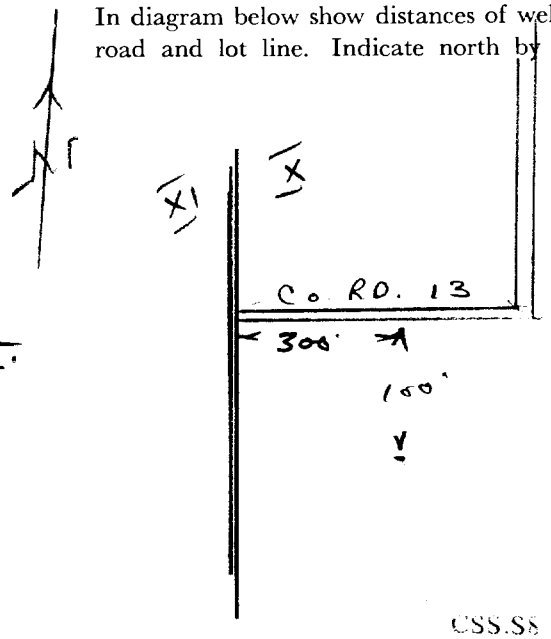
Allan Loucks
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS.S8

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

41A/90

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 2506907 MUNICIP. 25003 CON. CON 10

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC	LOT
GREY	COLLINGWOOD	CONE 10	029

CLARKSBURG

DATE COMPLETED: DAY 18 MO 07 YR 79

UTM 931500 RC 5 ELEVATION 0705 RC 5 BASIN CODE 22

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BROWN	CLAY	SAND		0	18
GREY	CLAY	GRAVEL		18	65
GREY	GRAVEL	SAND		65	68½

31 00186528 00652051 11 00682128

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0065 ~~68½~~	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
05	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	~~68~~ 0068
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)

71 PUMPING TEST

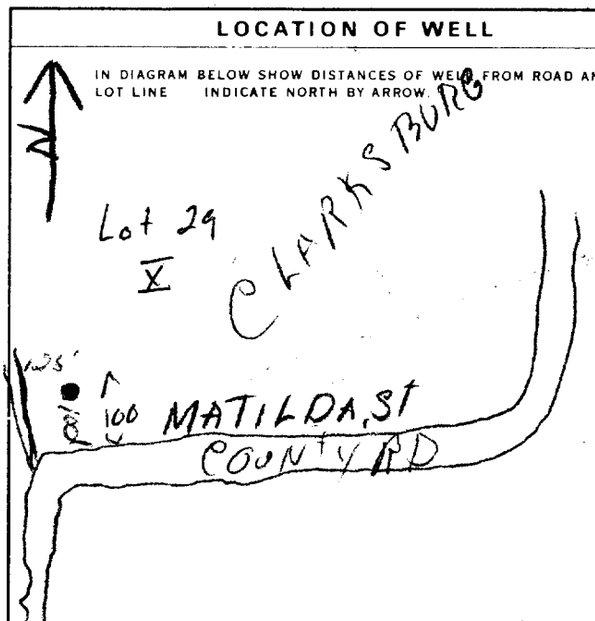
PUMPING TEST METHOD: 1 PUMP 2 ☒ BAILER
PUMPING RATE: 0005 GPM
DURATION OF PUMPING: 20 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
003 FEET	060 FEET	016 ~~75~~ FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE: GPM
PUMP INTAKE SET AT: FEET
WATER AT END OF TEST: 1 ☒ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☒ DEEP
RECOMMENDED PUMP SETTING: 065 FEET
RECOMMENDED PUMPING RATE: 0005 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS:

FINAL STATUS OF WELL 1	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
WATER USE 01	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF DRILLING 1	1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: DAWSON M SEWELL — LICENCE NUMBER: 4716
ADDRESS: RR1 DUNTROON
NAME OF DRILLER OR BORER — LICENCE NUMBER
SIGNATURE OF CONTRACTOR: Dawson M Sewell — SUBMISSION DATE: DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE 1 — CONTRACTOR 4716 — DATE RECEIVED 160879
DATE OF INSPECTION 30/7/80 — INSPECTOR
REMARKS:

CSS S8 P H Wi H

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77

N031

41A/9W

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 2506998 MUNICIP 25003 CON. CON 10

COUNTY OR DISTRICT: GREY
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: EUPHRASIA (CLARKSBURG)
CON., BLOCK, TRACT, SURVEY, ETC: 10
LOT: 029 29 P
ADDRESS OF WELL LOCATION: RR 1 CLARKSBURG
DATE COMPLETED: DAY 18 MO 09 YR 79
UTM/OTHER: 731350 RC 5 ELEVATION 0710 RC 5 BASIN CODE 22

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BLACK	TOP SOIL			0	1
BROWN	SAND	CLAY		1	17
GREY	CLAY			17	48
GREY	CLAY	GRAVEL		48	64
BROWN	SAND	GRAVEL		64	68
BROWN	GRAVEL	SAND	COURSE	68	70

31 0001802 0017605528 0048295 0064205 NI 0068628 NI 0070631 NO

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0068 70	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
05	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0	0070
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

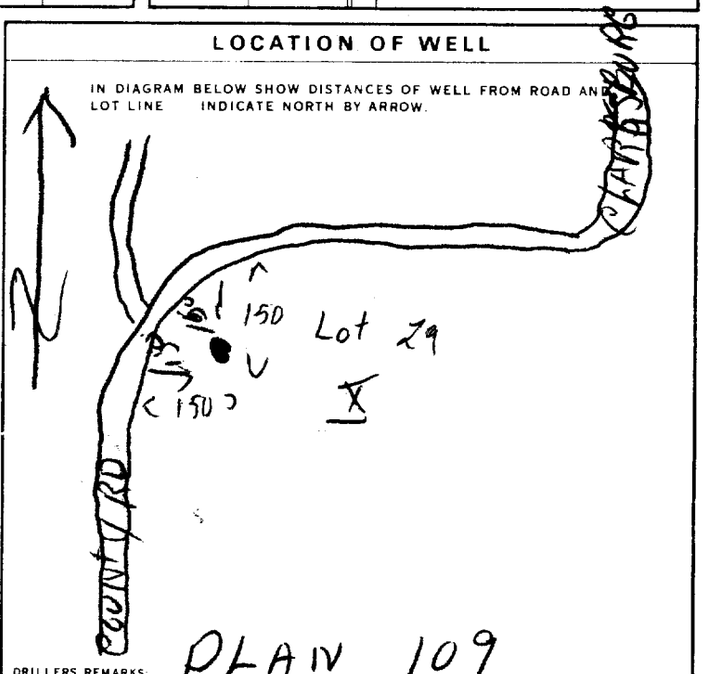
DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☐ PUMP 2 ☑ BAILER
PUMPING RATE: 0010 GPM
DURATION OF PUMPING: 04 HOURS 00 MINS
STATIC LEVEL: 005 FEET
WATER LEVEL END OF PUMPING: 014 FEET
WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY
15 MINUTES FEET | 30 MINUTES FEET | 45 MINUTES FEET | 60 MINUTES FEET
IF FLOWING, GIVE RATE GPM
PUMP INTAKE SET AT: 60 FEET
WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☑ SHALLOW ☐ DEEP
RECOMMENDED PUMP SETTING: 030 FEET
RECOMMENDED PUMPING RATE: 0010 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS: PLAIN 109

FINAL STATUS OF WELL 54: 1 ☑ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED

WATER USE 55-56: 01 — 1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING ☐ OTHER 9 ☐ NOT USED

METHOD OF DRILLING 57: 1 — 1 ☑ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: DAWSON M SEWELL — LICENCE NUMBER: 4716
ADDRESS: RR1 DUNTROON
NAME OF DRILLER OR BORER — LICENCE NUMBER
SIGNATURE OF CONTRACTOR: Dawson M Sewell — SUBMISSION DATE: DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE 58: 1 — CONTRACTOR 59-62: 4716 — DATE RECEIVED 63-68: 021179 — 80
DATE OF INSPECTION: 30/7/80 — INSPECTOR
REMARKS: CSS S8 — P H — Wi H

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506-77

Ministry of the Environment
Ontario

The Ontario Water Resources Act
WATER WELL RECORD

Ministry # 26

4/A/9W

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

(11) 2507773 MUNICIP 25003 CON CON 10

COUNTY OR DISTRICT: GREY
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: [redacted]LINGWOOD TWP.
CON., BLOCK, TRACT, SURVEY, ETC: 10
LOT: 029
[redacted] OF 195 CLARKSBURG
DATE COMPLETED: DAY 01 MO 10 YR 82
UTM ZONE 17 NORTHING 731250 RC 5 ELEVATION 0700 RC 5 BASIN CODE 22

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BLACK	TOP SOIL			0	1
YELLOW	CLAY	SAND		1	2
BROWN	SANDY	CLAY		2	25
GREY	SAND	CLAY		25	40
BROWN	SAND			40	55
BLACK	SAND			55	60
GREY	SAND	CLAY		60	68
	GRAVEL			68	71

(31) 0091802 0002505 28 0025 0581 0040 228 05 0055 628 0060 828 1
(32) 0068 228 05 0071 11

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0071	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
05	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	+ 18"	0071
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.) | DIAMETER INCHES | LENGTH FEET
MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

(61) PLUGGING & SEALING RECORD

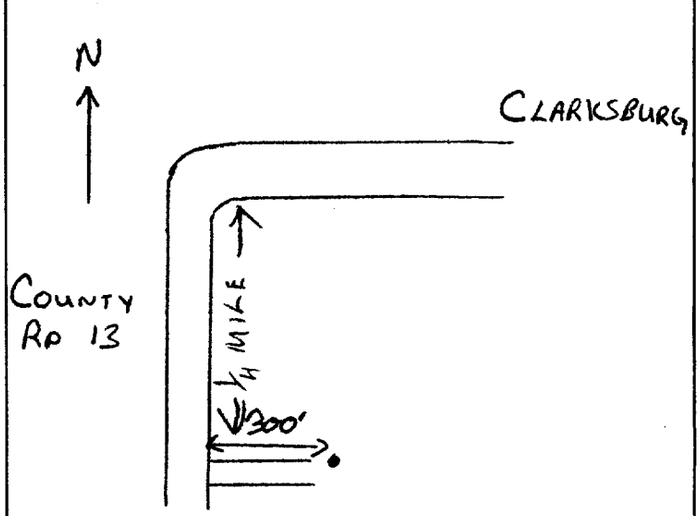
DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)

(71) PUMPING TEST

PUMPING TEST METHOD: 1 ☑ PUMP 2 ☐ BAILER
PUMPING RATE: 0005 GPM
DURATION OF PUMPING: 07 HOURS 00 MINS
STATIC LEVEL: ~~5'9"~~ ~~9'10"~~ 006 FEET
WATER LEVEL END OF PUMPING: 010 9'10" FEET
WATER LEVELS DURING: 1 ☐ PUMPING 2 ☐ RECOVERY
15 MINUTES: FEET | 30 MINUTES: FEET | 45 MINUTES: FEET | 60 MINUTES: FEET
IF FLOWING GIVE RATE: GPM
PUMP INTAKE SET AT: 50 FEET
WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY
RECOMMENDED PUMP TYPE: ☑ SHALLOW ☐ DEEP
RECOMMENDED PUMP SETTING: 030 FEET
RECOMMENDED PUMPING RATE: ? GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

FINAL STATUS OF WELL 1 — 1 ☑ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED INSUFFICIENT SUPPLY; 6 ☐ ABANDONED POOR QUALITY; 7 ☐ UNFINISHED

WATER USE 01 — 1 ☑ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING 1 — 1 ☑ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: DAWSON M SEWELL — LICENCE NUMBER: 4716
ADDRESS: RR#1 PUNTROON
NAME OF DRILLER OR BORER: Charlie Lowe — LICENCE NUMBER:
SIGNATURE OF CONTRACTOR: Dawson M Sewell — SUBMISSION DATE: DAY MO YR

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 4716 | DATE RECEIVED 08 11 82
DATE OF INSPECTION | INSPECTOR
REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506--4--77 FORM 7

Ministry of the Environment
Ontario

25

The Ontario Water Resources Act

WATER WELL RECORD

41 A 14 KI

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

(11) 2507774 MUNICIP 25003 CON C6N 10

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON	BLOCK, TRACT, SURVEY, ETC	LOT
GREY	COLLINGWOOD TWP.	10		029

[redacted] RR 1 CLARKSBURG

DATE COMPLETED: DAY 24 MO 09 YR 82

UTM ZONE 17 | EASTING 531400 RC 5 | NORTHING 0700 RC 5 | BASIN CODE 22

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BLACK	TOP SOIL			0	1
YELLOW	CLAY			1	2
BROWN	CLAY			2	25
GREY	CLAY	SAND & GRAVEL		25	58
BROWN	SAND	SILT		58	64
BLACK	SAND			64	66
GREY	CLAY	SAND		66	69
	GRAVEL			69	70

(31) 0001802 0002505 0025605 0058205281 0064628106 0066828 1

(32) 0069205 28 0070 11

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0070	1 ☑ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
05	1 ☑ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	188	+1	0070
	1 ☐ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			
	1 ☐ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17	
18-21	22-25	
26-29	30-33	

(71) PUMPING TEST

PUMPING TEST METHOD: 1 ☑ PUMP 2 ☐ BAILER

PUMPING RATE: 0005 GPM

DURATION OF PUMPING: 19 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (1 ☐ PUMPING 2 ☑ RECOVERY)	30 MINUTES	45 MINUTES	60 MINUTES
005 5'4" FEET	007 6'8" FEET	006 5'8" FEET	FEET	FEET	FEET

IF FLOWING, GIVE RATE: GPM

PUMP INTAKE SET AT: 68 FEET

WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY

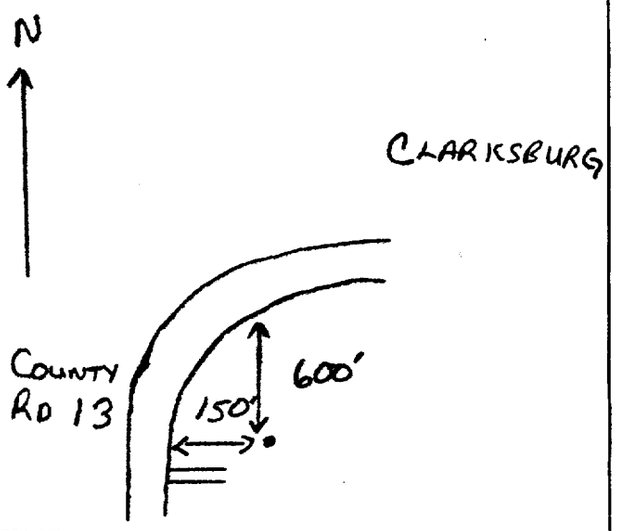
RECOMMENDED PUMP TYPE: ☑ SHALLOW ☐ DEEP

RECOMMENDED PUMP SETTING: 030 FEET

RECOMMENDED PUMPING RATE: 0005 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

FINAL STATUS OF WELL 1
1 ☑ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE 01
1 ☑ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING 1
1 ☑ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: DAWSON M SEWELL — LICENCE NUMBER: 4716

ADDRESS: RR # 2 ALLISTON

NAME OF DRILLER OR BORER: Charlie Lowe — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Dawson M Sewell — SUBMISSION DATE: DAY ____ MO ____ YR ____

OFFICE USE ONLY

DATA SOURCE 1 | CONTRACTOR 4716 | RECEIVED 08 11 82

DATE OF INSPECTION 27/7/83 | INSPECTOR

REMARKS: CSS SR

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FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

36

The Ontario Water Resources Act 41A/9W

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

(11) 2507803 MUNICIP 25003 CON. CON 10

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC	LOT
GREY	COLLINGWOOD TWP.	10	PAR 029

[redacted] R # 1 CLARKSBURG

DATE COMPLETED DAY 02 MO 12 YR 82

UTM 931350 RC 5 ELEVATION 0700 RC 5 BASIN CODE 22

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
BLACK	TOP SOIL			0	1
YELLOW	CLAY			1	2
BROWN	CLAY			2	25
GREY	CLAY	SAND & GRAVEL		25	58
BROWN	SAND	SILT		58	64
BLACK	SAND			64	71
	GRAVEL			71	72

(31) 000/802 0002505 0025605 0058 2952811 0064/2806 0071828

(32) 0072

(41) WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0072	1 ☑ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR; 2 ☐ SALTY 4 ☐ MINERAL

(51) CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
05	1 ☑ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE	188	0	0072
	1 ☐ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			
	1 ☐ STEEL; 2 ☐ GALVANIZED; 3 ☐ CONCRETE; 4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

MATERIAL AND TYPE | DEPTH TO TOP OF SCREEN FEET

(61) PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)

(71) PUMPING TEST

PUMPING TEST METHOD: 1 ☑ PUMP 2 ☐ BAILER

PUMPING RATE: 0004 GPM

DURATION OF PUMPING: 03 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☑ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
006 5'7" FEET	055 FEET	FEET	FEET	006 5'7" FEET	FEET

IF FLOWING, GIVE RATE: GPM

PUMP INTAKE SET AT: 70 FEET

WATER AT END OF TEST: 1 ☑ CLEAR 2 ☐ CLOUDY

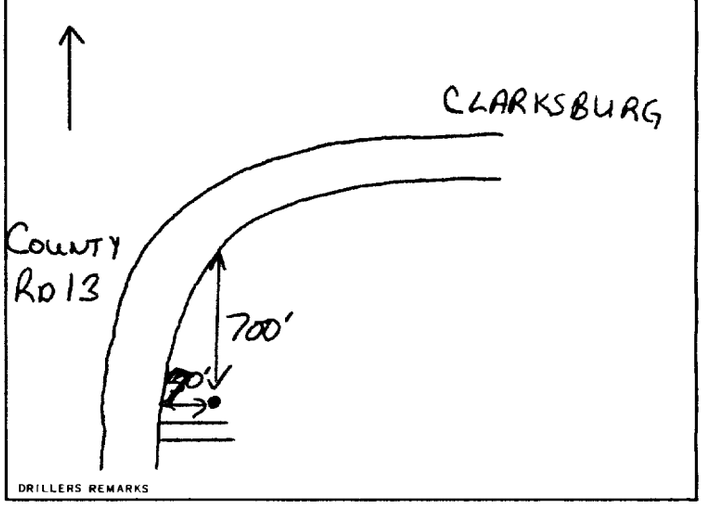
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☑ DEEP

RECOMMENDED PUMP SETTING: 065 FEET

RECOMMENDED PUMPING RATE: 0004 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

FINAL STATUS OF WELL 1: 1 ☑ WATER SUPPLY; 2 ☐ OBSERVATION WELL; 3 ☐ TEST HOLE; 4 ☐ RECHARGE WELL; 5 ☐ ABANDONED, INSUFFICIENT SUPPLY; 6 ☐ ABANDONED, POOR QUALITY; 7 ☐ UNFINISHED

WATER USE 01: 1 ☑ DOMESTIC; 2 ☐ STOCK; 3 ☐ IRRIGATION; 4 ☐ INDUSTRIAL; ☐ OTHER; 5 ☐ COMMERCIAL; 6 ☐ MUNICIPAL; 7 ☐ PUBLIC SUPPLY; 8 ☐ COOLING OR AIR CONDITIONING; 9 ☐ NOT USED

METHOD OF DRILLING 1: 1 ☑ CABLE TOOL; 2 ☐ ROTARY (CONVENTIONAL); 3 ☐ ROTARY (REVERSE); 4 ☐ ROTARY (AIR); 5 ☐ AIR PERCUSSION; 6 ☐ BORING; 7 ☐ DIAMOND; 8 ☐ JETTING; 9 ☐ DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: DAWSON M. SEWELL — LICENCE NUMBER: 4716

ADDRESS: RR # 1 DUNTROON

NAME OF DRILLER OR BORER: Charlie Lowe — LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Dawson M Sewell — SUBMISSION DATE: DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE 1 — CONTRACTOR 4716 — DATE RECEIVED 11 01 83

DATE OF INSPECTION 22/9/83 — INSPECTOR

REMARKS: WP CSS.S8

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506—4—77 FORM 7

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11 | 2511372 | MUNICIP. 25,903 | CON.

COUNTY OR DISTRICT: GREY
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: COLLINGWOOD
CON. BLOCK, TRACT, SURVEY, ETC.: - X
LOT: -
DATE COMPLETED: DAY 3 MO 6 YR 91
[redacted] CLARKSBURG

21 | UTM ZONE 17 | EASTING 5,4,2,4,0,8 | NORTHING 4,9,3,1,5,9,6 | RC | ELEVATION 7,2,5 | RC | BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
		TOPSOIL		0	1
BROWN	GRAVEL & SAND			1	14
BROWN	CLAY			14	23
GREY	CLAY			23	38
GREY	HARDPAN GRAVEL & CLAY			38	55
BROWN	GRAVEL			55	65

Included 1354

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
55	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
70	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
65	1 ☑ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6"	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	188	0	50
5"	1 ☑ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☑ OPEN HOLE 5 ☐ PLASTIC		50	65
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
40	5 INCHES	4 FEET

MATERIAL AND TYPE: STEEL
DEPTH TO TOP OF SCREEN: 61 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)

71 PUMPING TEST

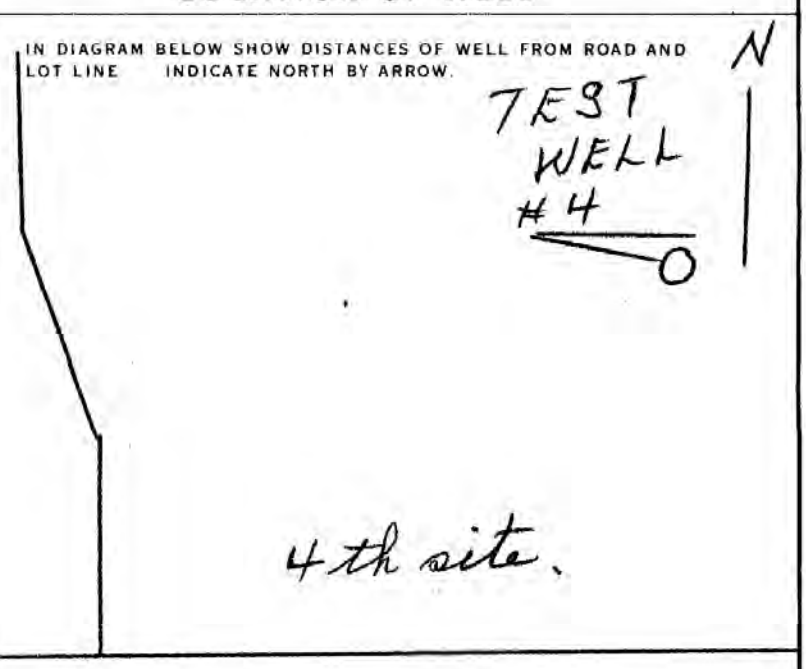
PUMPING TEST METHOD: 1 ☐ PUMP 2 ☐ BAILER — AIR
PUMPING RATE: 50 GPM
DURATION OF PUMPING: 2 HOURS 40 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☐ PUMPING 2 ☑ RECOVERY	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
FLOW FEET	22 FEET		0 FEET	0 FEET	0 FEET	0 FEET

IF FLOWING, GIVE RATE: 30 GPM
PUMP INTAKE SET AT: AIR 60 FEET
WATER AT END OF TEST: 1 ☑ CLEAR 2 ☑ CLOUDY
RECOMMENDED PUMP TYPE: ☐ SHALLOW ☑ DEEP
RECOMMENDED PUMP SETTING: 50 FEET
RECOMMENDED PUMPING RATE: 20 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



FINAL STATUS OF WELL

1 ☑ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED ☐ DEWATERING

WATER USE

1 ☑ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF CONSTRUCTION

1 ☐ CABLE TOOL 2 ☑ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING ☐ DIGGING ☐ OTHER

81965

DRILLERS REMARKS

CONTRACTOR

NAME OF WELL CONTRACTOR: Durham Drilling Ltd.
WELL CONTRACTOR'S LICENCE NUMBER: 1804
ADDRESS: RR2 Durham NOG1R0
NAME OF WELL TECHNICIAN: Kuranji & Dosie
WELL TECHNICIAN'S LICENCE NUMBER: T-0206
SIGNATURE OF TECHNICIAN/CONTRACTOR: P.E. & Jo Knudson
SUBMISSION DATE: DAY 4 MO. 6 YR. 91

OFFICE USE ONLY

DATA SOURCE
CONTRACTOR: 1804
DATE RECEIVED: JUL 08 1991
DATE OF INSPECTION
INSPECTOR
REMARKS: A.P.L

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
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11

2511373

MUNICIP 2503 (10-14) CON. (15-22 23 24)

COUNTY OR DISTRICT: GREY
TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: COLLINGWOOD
CON. BLOCK, TRACT, SURVEY, ETC: - 1X
LOT 25-27: -30

OWNER (SURNAME FIRST): OAKLANE ORCHARDS
ADDRESS: CLARKSBURG
DATE COMPLETED: DAY 30 MO 5 YR 91

21 (1 2)
UTM ZONE: 17 (10)
EASTING: 542413 (2-17)
NORTHING: 4931593 (18-24)
RC (25)
ELEVATION: 725 (26-29)
RC (30)
BASIN CODE (31): I II III IV (47)

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
		TOPSOIL		0	1
GREY	CLAY	& GRAVEL		1	12
BROWN	CLAY			12	21
GREY	CLAY	& SILT		21	48
BROWN	CLAY	& GRAVEL LAYERS		48	60
		GRAVEL		60	65

31
32 (10 14 15 21 32 43 54 65 75 80)

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
60 (10-13)	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (14)
TO (15-18)	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (19)
65 (20-23)	1 ☒ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (24)
(25-28)	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (29)
(30-33)	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (34) (80)

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 (10-11)	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (12)	188 (13-16)	0	54 (17-20)
5 (17-18)	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (19)		54	65 (20-23)
(24-25)	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (26)			(27-30)

SCREEN

SIZE(S) OF OPENING (SLOT NO.) (31-33)	DIAMETER (34-38)	LENGTH (39-40)
40	5 INCHES	4 FEET
MATERIAL AND TYPE: STEEL	DEPTH TO TOP OF SCREEN (41-44): 61 FEET	(30)

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
(10-13)	(14-17)	
(18-21)	(22-25)	
(26-29)	(30-33) (80)	

71 PUMPING TEST

PUMPING TEST METHOD (10)	PUMPING RATE (11-14)	DURATION OF PUMPING (15-16 HOURS, 17-18 MINS)
1 ☐ PUMP 2 ☐ BAILER	110 GPM	2 HOURS 20 MINS

STATIC LEVEL (19-21)	WATER LEVEL END OF PUMPING (22-24)	(25) WATER LEVELS DURING: 1 ☐ PUMPING 2 ☒ RECOVERY	15 MINUTES (26-28)	30 MINUTES (29-31)	45 MINUTES (32-34)	60 MINUTES (35-37)
FLOWS	FEET		FEET	FEET	FEET	FEET

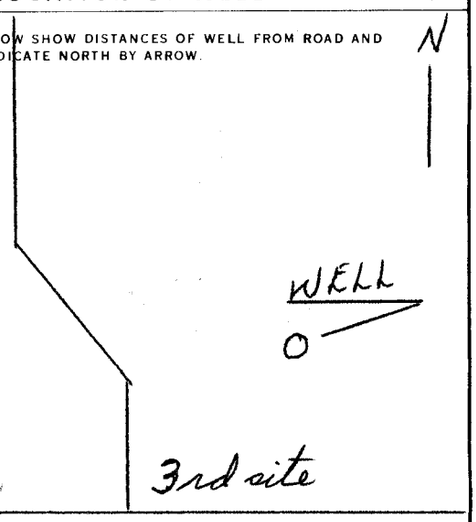
IF FLOWING, GIVE RATE (38-41)	PUMP INTAKE SET AT	WATER AT END OF TEST (42)
FLOW 50 GPM	AIR 60 FEET	1 ☒ CLEAR 2 ☒ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING (43-45)	RECOMMENDED PUMPING RATE (46-49)
☐ SHALLOW ☒ DEEP	35 FEET	25 GPM

(50-53)

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



81963

DRILLERS REMARKS:

FINAL STATUS OF WELL (54)
1 ☒ WATER SUPPLY 2 ☒ OBSERVATION WELL 3 ☒ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED ☐ DEWATERING

WATER USE (55-56)
1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF CONSTRUCTION (57)
1 ☐ CABLE TOOL 2 ☒ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING ☐ DIGGING ☐ OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR: Durham Drilling Ent. Ltd
WELL CONTRACTOR'S LICENCE NUMBER: 1804
ADDRESS: RR2 Durham NOG1R0
NAME OF WELL TECHNICIAN: Kuranyi & Monk
WELL TECHNICIAN'S LICENCE NUMBER: 1-0206
SIGNATURE OF TECHNICIAN/CONTRACTOR: P Johnston
SUBMISSION DATE: DAY 31 MO 5 YR 91

OFFICE USE ONLY

DATA SOURCE (58)
CONTRACTOR (59-62): 1804
DATE RECEIVED (63-68): JUL 08 1991 (80)
DATE OF INSPECTION
INSPECTOR
REMARKS: A.P.C

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

UTM 17 Z 542~~XX~~5 (50) E

Co 5 RX 493~~X~~5~~X~~0 (1, 5) N

Elev. 5 R 70~~XBX~~ (700)

Basin ~~22~~

41A/9 ~~W~~ d

25 WATER RESOURCES DIVISION No. 563

AUG 31 1964

ONTARIO WATER RESOURCES COMMISSION

The Ontario Water Resources Commission Act

WATER WELL RECORD

County ~~or District~~ Grey Township, ~~Village, Town or City~~ Collingwood

Con. 10 Lot 29 Date completed 27 (day) 8 month 64 year)

[redacted]ress Clarksburg

Casing and Screen Record

Inside diameter of casing 4 inch

Total length of casing 64 feet

Type of screen None

Length of screen

Depth to top of screen Used

Diameter of finished hole 4 inch

Pumping Test

Static level Overflowing

Test-pumping rate @ 40 G.P.M.

Pumping level

Duration of test pumping

Water clear or cloudy at end of test Clear

Recommended pumping rate G.P.M.

with pump setting of feet below ground surface

Well Log			Water Record	
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Blue Clay + Gravel	0	68	68	Fresh

For what purpose(s) is the water to be used? Home

Is well on upland, in valley, or on hillside? Upland

Drilling or Boring Firm Allan Loucks

Chatsworth

Address

Licence Number 1325

Name of Driller or Borer Emerson Schultz

Address Chatsworth

Date 27. 8. 64.

Allan Loucks

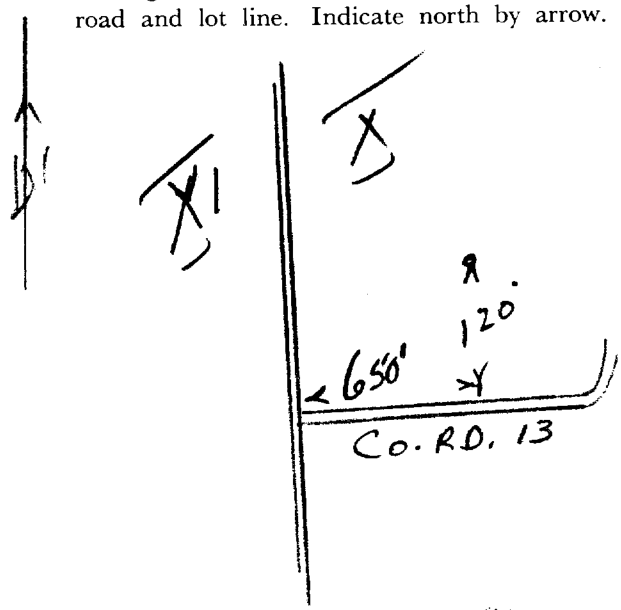
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



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UTM 17 Z 514180 E
15 R 4913530 N
Elev. 15 R 01700

41A/9

25 No. 567

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 22
County or District GREY
Township, Village, Town or City Collingwood
Con. 10 Lot 29
Date completed 27 (day) 6 (month) 1967 (year)
[redacted] ress Thornbury ont.

Casing and Screen Record

Inside diameter of casing 4 inch
Total length of casing 79 feet
Type of screen ✓
Length of screen ✓
Depth to top of screen ✓
Diameter of finished hole 4 inch

Pumping Test

Static level Flows ✓ 18" above ground
Test-pumping rate 15 G.P.M.
Pumping level 10 feet
Duration of test pumping 24 hours
Water clear or cloudy at end of test clear
Recommended pumping rate 15 G.P.M.
with pump setting of 10-15 feet below ground surface

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Water Record: Depth(s) at which water(s) found	Water Record: Kind of water (fresh, salty, sulphur)
Clay Hard pan	0	76		
Gravel	76	79	76-79	Fresh

For what purpose(s) is the water to be used? House

Is well on upland, in valley, or on hillside? Upland
Drilling or Boring Firm Allan Loucks
Box 45
Address Chatsworth

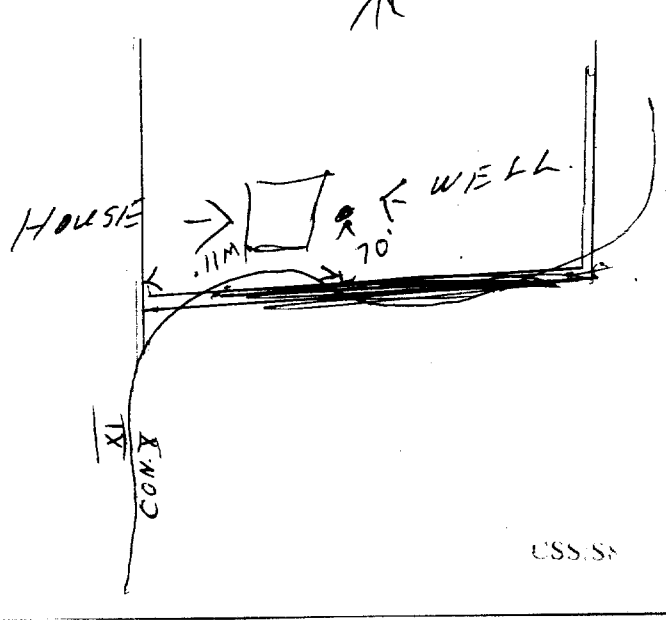
Licence Number 2418
Name of Driller or Borer Florian Phillip
Address Kitchener.
Date 27.6.67
Allan Loucks
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

OWRC COPY

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS.SS

Ministry of the Environment
Ontario

1st. of 2

The Ontario Water Resources Act

WATER WELL RECORD

2511374

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

MUNICIP 25003

CON.

COUNTY OR DISTRICT: GREY

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: COLLINGWOOD

CON. BLOCK, TRACT, SURVEY, ETC.:

LOT 25-27

[redacted]

CLARKSBURG

DATE COMPLETED DAY 22 MO 5 YR 91

21

UTM ZONE 17 EASTING 524955 NORTHING 4931768

RC

ELEVATION 720

RC

BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
		TOPSOIL		0	2
BROWN	GRAVEL & CLAY			2	18
GREY	CLAY & STONES			18	70
GREY	CLAY & LAYERS OF SAND			70	90
GREY	CLAY	THIN LAYERS OF SILT & GRAVEL		90	118
BROWN	SHALE			118	128

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (14)
15-18	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (19)
20-23	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (24)
25-28	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (29)
30-33	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS (34) (80)

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
10-11	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (12)			13-16
17-18	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (19)			20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC (26)			27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.) 31-33	DIAMETER 34-38 INCHES	LENGTH 39-40 FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN 41-44 FEET	(30)

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	TO	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
0 (10-13)	60 (14-17)	STONE DUST & CLAY
60 (18-21)	80 (22-25)	BENSEAL
80 (26-29)	120 (30-33) (80)	ROLE PLUG

71 PUMPING TEST

PUMPING TEST METHOD (10): 1 ☐ PUMP 2 ☐ BAILER

PUMPING RATE (11-14): GPM

DURATION OF PUMPING (15-16) HOURS (17-18) MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING (25) 1 ☐ PUMPING 2 ☐ RECOVERY			
19-21 FEET	22-24 FEET	15 MINUTES (26-28) FEET	30 MINUTES (29-31) FEET	45 MINUTES (32-34) FEET	60 MINUTES (35-37) FEET

IF FLOWING, GIVE RATE (38-41) GPM

PUMP INTAKE SET AT FEET

WATER AT END OF TEST (42) 1 ☐ CLEAR 2 ☐ CLOUDY

RECOMMENDED PUMP TYPE ☐ SHALLOW ☐ DEEP

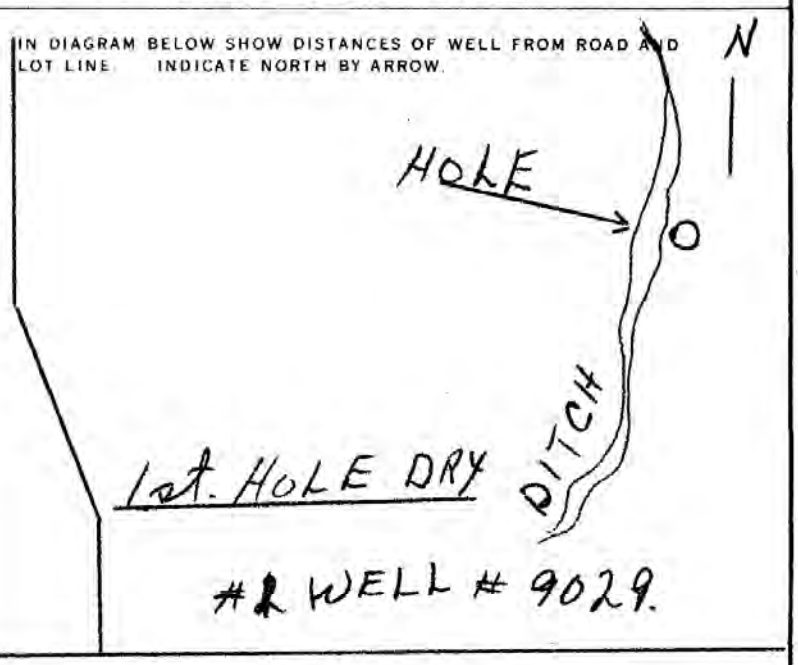
RECOMMENDED PUMP SETTING (43-45) FEET

RECOMMENDED PUMPING RATE (46-49) GPM

(50-53)

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



FINAL STATUS OF WELL (54)

1 ☐ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED ☐ DEWATERING

WATER USE (55-56)

1 ☐ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER 5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED

METHOD OF CONSTRUCTION (57)

1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION 6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING ☐ DIGGING ☐ OTHER

DRILLERS REMARKS: 1321

81956

CONTRACTOR

NAME OF WELL CONTRACTOR: Durham Drilling Ltd.

WELL CONTRACTOR'S LICENCE NUMBER: 1804

ADDRESS: RR2 Dundalk NOG 1R0

NAME OF WELL TECHNICIAN: Keeanys & Jessie

WELL TECHNICIAN'S LICENCE NUMBER: T-0206

SIGNATURE OF TECHNICIAN/CONTRACTOR: P E Johnston

SUBMISSION DATE: DAY ____ MO. ____ YR. ____

OFFICE USE ONLY

DATA SOURCE (58)

CONTRACTOR (59-62): 1804

DATE RECEIVED (63-68): JUL 08 1991 (80)

DATE OF INSPECTION

INSPECTOR

REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Appendix G – Site Photographs

Photo 1 | View of Original House (Left) and Addition (Right) |Looking North

Photo 2 | View of Septic Tank and South Property Boundary | Looking South

Photo 3 | View of East Property Boundary and Addition | Looking South

Photo 4 | View of Northeast Property Boundary | Looking Northeast

Photo 5 | View of Transformers at Southeast Corner of Addition

Photo 6 | View Inside Quonset Hut | Looking South

Photo 7 | View of Chemical Storage in Quonset Hut | Looking Northwest

Photo 8 | View of Site | Looking Southwest

Photo 9 | View of Bank Barn | Looking Northwest

Photo 10 | View Inside Bank Barn – First Floor | Looking Northwest

Photo 11 | View of AST Used to Collect Rain Water – 2nd Floor of Bank Barn | Looking South

Photo 12 | View Inside Cabin | Looking South

Photo 13 | View of Drinking Water Cistern | Looking East

Photo 14 | View of Cistern Adjacent to Original House | Looking South

Photo 15 | View of Potential Asbestos-Containing Materials On Boiler Line In Original Basement

Photo 16 | View of Natural Gas Water Heater and Boiler in Original House

Photo 17 | View of Potentially Asbestos-Containing Materials On Boiler Line In Original Basement

Photo 18 | View of Potentially Asbestos-Containing Materials On Historical Boiler In Original Basement

Photo 19 | Former Chimney In Original Basement

Photo 20 | View of Dining Area In Original House

Photo 21 | View of Typical Room in Original House

Photo 22 | View of Typical Room in Addition

Photo 23 | View of Fireplace on Main Floor of Addition

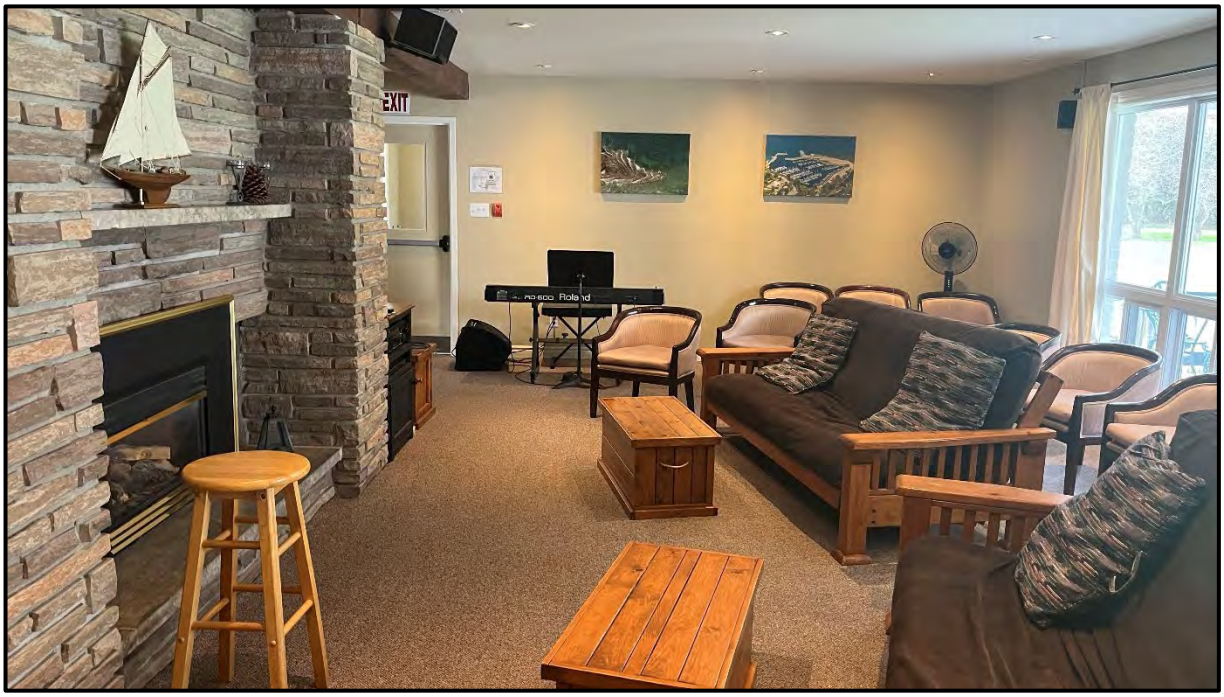


Photo 24 | View of Main Floor in Addition

Photo 25 | View of Water Room in Basement Addition

Photo 26 | View of Kitchen in Basement Addition

Photo 27 | View of Sludge Pit in Basement Addition

Photo 28 | View of Natural Gas Furnace and Water Heater in Basement Addition

Appendix H – Site Reconnaissance Checklist

Phase I ESA Field Checklist

General Project Information				
Project Number:	00152		**Project Name:**	Clarksburg Retreat Phase I ESA
Addresses and any alternative addresses (if any):	788277 Grey Road 13		**City, Province, Postal Code**	Clarksburg, ON
Date of Site Inspection:	April 25, 2022		**Weather Conditions:**	Clear / Partly Cloudy / Overcast / Rainy / Snowy Temperature: 3 (°C)
Time onsite/offsite:	11:00 AM	1:00 PM	**Ground Conditions:**	Clear and Dry / Wet / Snow Covered
Area accessed (identify unit #s, tenant spaces, etc.):	All buildings and entire exterior space			
Inaccessible Areas (include reasons):	None			
ARC Field Assessor Name(s):	Roger Schieck		**Phone Number and Email:**	519-500-0475 rschieck@agileresponse.ca
Reason for ESA:	Sale of Site by Client / Purchase of Site by Client / Due Diligence / Redevelopment of Site / Financial Transaction			

Site Contact Information			
Name:	Mike Wright	**Relation to Project:**	Site Contact / Property Manager
Contact Info: (phone and/or email)	mikewright@ledgeleadership.com	**Number of Years at Property:**	20 +
Present During Visit?	Yes / No	**Interview Method:**	In Person / Telephone / Other

Site Description			
Topography of Site:	Relatively Flat / Undulating / Sloped to		
Surrounding Land Use:	Primarily / Mixed / Residential / Agricultural / Commercial / Heavy or light industrial / Other		
Surface Waters:	Beaver River	<30m / 30m+	___North__ (direction)
Site in Operation at Time of Visit?	Yes / No	**Number of Buildings on Site:**	Four

Phase I ESA Field Checklist

Interview Questions		
Are you aware of any pending,threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	Yes / **No**	If Yes, Explain:
Are you aware of any notices from any governmental entity regarding any possible violationof environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes / **No**	
Has there been any environmental complaints or problems regarding the site reported to yourself, or Environmental Health or Regulatory agencies?	Yes / **No**	
Do you have any knowledge of environmental liens against the site or pending or on-going regulatory enforcement actions?	Yes / **No**	
Do you have any information pertaining to historical property usage?	**Yes** / No	- Historically apple farm/livestock, then autistic centre in 1974, and a retreat in 2003.
Current/ former dry cleaner, auto service, gas station?	Yes / **No**	
Any of the following known to be within 1km? Waste disposal facility / Coal gasification plant / Radon rich area / Marsh, Bog, or Swamp?	**Yes** / No	- Swamp/wetland neighbours north property boundary
Current/ historic USTs/ASTs?	**Yes** / No	- Possibly for oil-fueled boiler, and rain water AST
Current/ former generation of hazardous wastes?	Yes / **No**	
Current or historical chemical storage/handling?	**Yes** / No	- Retail quantities of fuel, motor oil cleaning products etc. in quonset hut
Prior environmental reports available?	Yes / **No**	
Has an asbestos containing materials survey been done?	Yes / **No**	
Any known asbestos containing materials present?	**Yes** / No	- Likely insulation on historical boiler
Any known lead-based paint present?	**Yes** / No	- Likely green paint on boiler lines in original basement
Has a mould survey been done?	Yes / **No**	
Any known moisture intrusion or microbial growth issues?	Yes / **No**	
Any known recent or historical spills or releases?	Yes / **No**	
Any known utility easements present? (sewer/water/gas/hydro)	Yes / **No**	
Any known transformer(s) or hydro vault present?	**Yes** / No	- Three transformers on electric service pole
Any known water wells or monitoring wells present?	Yes / **No**	
Any known or suspected soil impact or stressed vegetation present?	Yes / **No**	
Any known or suspected groundwater impact present?	Yes / **No**	
Any known or suspected soil fill?	Yes / **No**	
Any lagoons, floor drains, or sump pits?	**Yes** / No	- Sump pump in both basements, sludge pit in addition basement
Winter salting of site parking lots?	**Yes** / No	
Any known or suspected pesticide or herbicide use?	Yes / **No**	- Possibly for former apple farm

Additional Interview Notes:

Phase I ESA Field Checklist

Current Property Usage			
	Building 1 – Original House	**Building 2 - Addition**	**Building 3 – Quonset Hut**
Number of Stories:	2	2	1
Names of Occupants:	Ledge Leadership	Ledge Leadership	Ledge Leadership
Description of Operation:	Retreat and Leadership training centre	Retreat and Leadership training centre	Garage/Storage
Sub Levels:	B / CS / Slab / Partial / None	B / CS / Slab / Partial / None	B / CS / Slab / Partial / None
Year Constructed:	By 1874	1974	1974
Building Size:	Unknown **m^2 / ft^2**	Unknown **m^2 / ft^2**	Unknown **m^2 / ft^2**
Hours of Operation:	Varies	Varies	Varies
Additions, Demolitions or Major Renovations:	Fully gutted in 2003	1974	
Elevators:	Hydro / Cable / Elec / None	Hydro / Cable / Elec / None	Hydro / Cable / Elec / None
Water Supply:	Well / Public / None	Well / Public / None	Well / Public / None
Storm Water:	Retention / Public / None	Retention / Public / None	Retention / Public / None
Sewage Supply:	Septic / Public / None	Septic / Public / None	Septic / Public / None
Heat Source:	N.G. / F.O. / Propane / Electric / None	N.G. / F.O. / Propane / Electric / None	N.G. / F.O. / Propane / Electric / None
Historical Heat Source?	Oil / Coal / Wood / NG / Other	Oil / Coal / Wood / NG / Other	Oil / Coal / Wood / NG / Other
Cooling Source:	HVAC / Window Unit / Res. Type AC / Chiller	HVAC / Window Unit / Res. Type AC / Chiller	HVAC / Window Unit / Res. Type AC / Chiller
Exterior Ground Cover:	Asphalt / Concrete / Grass / Forest / Gravel / Bare Ground	Asphalt / Concrete / Grass / Forest / Gravel / Bare Ground	Asphalt / Concrete / Grass / Forest / Gravel / Bare Ground
Exterior Features: (walls, roof, foundation)	Asphalt shingles, stone and mortar basement, vinyl and brick siding	Asphalt shingles, cement block basement, vinyl and brick siding	Steel
Interior Features: (walls, floors, ceiling, lighting)	Drywall walls, wood, tile, or carpet flooring	Drywall walls, wood, tile, or carpet flooring	n/a

Phase I ESA Field Checklist

Current Property Usage			
	Building 4 – Bank Barn	**Building 5 – Cabin**	**Building 6**
Number of Stories:	2	1	
Names of Occupants:	Ledge Leadership	Ledge Leadership	
Description of Operation:	Storage	Lodging	
Sub Levels:	B / CS / Slab / Partial / None	B / CS / Slab / Partial / None	B / CS / Slab / Partial / None
Year Constructed:	By 1874	2007	
Building Size:	Unknown **m^2 / ft^2**	Unknown **m^2 / ft^2**	**m^2 / ft^2**
Hours of Operation:	Varies	Varies	
Additions, Demolitions or Major Renovations:			
Elevators:	Hydro / Cable / Elec / None	Hydro / Cable / Elec / None	Hydr / Cable / Elec / None
Water Supply:	Well / Public / None	Well / Public / None	Well / Public / None
Storm Water:	Retention / Public / None	Retention / Public / None	Retention / Public / None
Sewage Supply:	Septic / Public / None	Septic / Public / None	Septic / Public / None
Heat Source:	N.G. / F.O. / Propane / Electric / None	N.G. / F.O. / Propane / Electric / None / Wood	N.G. / F.O. / Propane / Electric / None
Historical Heat Source?	Oil / Coal / Wood / NG / Other	Oil / Coal / Wood / NG / Other	Oil / Coal / Wood / NG / Other
Cooling Source:	HVAC / Window Unit / Res. Type AC / Chiller	HVAC / Window Unit / Res. Type AC / Chiller	HVAC / Window Unit / Res. Type AC / Chiller
Exterior Ground Cover:	Asphalt / Concrete / Grass / Forest / Gravel / Bare Ground	Asphalt / Concrete / Grass / Forest / Gravel / Bare Ground	Asphalt / Concrete / Grass / Forest / Gravel / Bare Ground
Exterior Features: (walls, roof, foundation)	Wood siding, steel roof, rock and mortar foundation	Built using traditional wood cabin techniques including cedar logs, mortar, and cedar shingles	
Interior Features: (walls, floors, ceiling, lighting)	Second floor in poor condition		

Phase I ESA Field Checklist

Chemical Storage

Substance	Container	Size	Location		
Fuel, motor oil, cleaners etc.	Steel Plastic Other Cans	Retail 30 Gal 55 Gal Tote	Quonset hut	Storage area floor material:	Ground surface and gravel
				Floor drains or sumps within vicinity?	Yes / No
				Floor pitted or cracked?	Yes / No
				Secondary containment provided?	Yes / No
				Evidence of leaks or spills?	Yes / No
				Current MSDS available and easily accessible?	Yes / No
				Spill prevention/ response plans?	None
	Steel Plastic Other	Retail 30 Gal 55 Gal Tote		Storage area floor material:	
				Floor drains or sumps within vicinity?	Yes / No
				Floor pitted or cracked?	Yes / No
				Secondary containment provided?	Yes / No
				Evidence of leaks or spills?	Yes / No
				Current MSDS available and easily accessible?	Yes / No
				Spill prevention/ response plans?	
	Steel Plastic Other	Retail 30 Gal 55 Gal Tote		Storage area floor material:	
				Floor drains or sumps within vicinity?	Yes / No
				Floor pitted or cracked?	Yes / No
				Secondary containment provided?	Yes / No
				Evidence of leaks or spills?	Yes / No
				Current MSDS available and easily accessible?	Yes / No
				Spill prevention/ response plans?	

Hazardous Wastes

Type of Waste Generated	
Containers Labeled	Yes No, Explain:
Disposal Method	
Manifests Available	Yes No, Explain:

Unidentified Substances

Unidentified Substance Containers Present	No Yes, Explain:

Phase I ESA Field Checklist

Bulk Storage Tanks					
AST/UST	**Current/Historic**	**Capacity & Contents**	**Installation Date & Removal Date**	**Location**	**Tank Construction**
AST	Historic	>5,000L Rain water	Unknown	Bank barn – 2nd floor	(Steel) Fiberglass PVC Other
					Steel Fiberglass PVC Other
					Steel Fiberglass PVC Other
					Steel Fiberglass PVC Other
					Steel Fiberglass PVC Other

Wells						
Well Type	**Use**	**Status**	**Installation Date**	**Depth**	**Location**	**Concern?**

PCB Equipment					
Type of Equipment	**# of Units**	**Location**	**Non-PCB Labels Present**	**Contains PCBs**	**Ownership**

Other: Three transformers located on electric service pole at south east corner of addition. Unable to confirm if PCBs are present.

Phase I ESA Field Checklist

Solid and Liquid Waste				
Solid/Liquid	**Type**	**# Units**	**Container Location**	**Responsible Party**

Additional Site Observations	
Stained Soil, Stained Pavement, Stressed Vegetation, Pooled Liquid:	**No** **Yes, Explain:**
Pits, Ponds, or Lagoons:	**No** **Yes, Explain: Cistern to collect spring water for drinking water at north portion of property, and historical cistern on west edge of original house used to collect rain water (now decommissioned – filled with sand and capped with concrete)**

Adjoining Properties	
Direction	**Description**
North	Conservation Area
East	Residential / agricultural
South	Residential / agricultural
West	Agricultural / concrete plant / gravel pit