



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario

January 21, 2025

Prepared for:
Kurt Marescaux

Cambium Reference: 21323-001

CAMBIUM INC.

866.217.7900

cambium-inc.com



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1.0 Executive Summary

Kurt Marescaux (Client) retained Cambium Inc. (Cambium) to complete a Phase One Environmental Site Assessment (ESA) at 377 North Baptiste Lake Road in Maynooth, Ontario (Site or Phase One Property). The Phase One ESA will be used to support filing a Zoning By-Law Amendment, and was completed to meet the requirements of Ontario Regulation (O.Reg.) 153/04.

The roughly 1 ha site is on the south side of North Baptiste Lake Road. The land use at the Site has historically been vacant/forested.

Review of historical documents indicated that the Site has never been developed. Cambium understands the client proposes to develop the Site for residential purposes.

The Phase One ESA identified one off-site potentially contaminating activity (PCA) within the Phase One Study Area. Based on the inferred groundwater flow direction and hydraulically down-gradient location of this PCA with respect to the Site, this PCA did not contribute to an area of potential environmental concern.

Based on the observations and information obtained for the Site during the Phase One ESA, Cambium concluded that there were no areas of potential environmental concern at the Site. As such, a Phase Two ESA is not required.

As a matter of due diligence, it is recommended that the water from any future potable supply well (or wells) that are installed on-site be tested for those parameters listed in Column 1, Schedule 5 of the *Landfill Standards*, in addition to hardness to confirm water quality.



2.0 Introduction

The Client retained Cambium to complete a Phase One ESA at the Site. The Phase One ESA was completed to meet the requirements of O.Reg. 153/04; however, no Record of Site Condition (RSC) is anticipated to be filed.

2.1 Phase One Property Information

The Site is on the south side of North Baptiste Lake Road in Maynooth, Ontario in the County of Hastings. Site information and property owner information are summarized below. The Phase One Property location is on Figure 1. A plan of survey is in Appendix A.

Property use surrounding the Site is:

North – Residential (378 North Baptiste Lake Road)

South – Agricultural or Other

East – Industrial (353 North Baptiste Lake Road)

West –Residential (401 North Baptiste Lake Road)

The Site and surrounding land uses are on Figure 2.

Site Identification Information

Municipal Address	377 North Baptiste Lake Road, Maynooth, Ontario
Historical Land Use	Agricultural or Other (forested)
Current Land Use	Agricultural or Other (forested)
Future Land Use	Residential
PIN	40047-0179 (LT)
Roll No.	129027801035020
Universal Transverse Mercator Coordinates*	Zone 18T 269865 m E, 5006325.15 m N
Legal Description	PT LT 3 CON 10 HERSCHEL PT 2 21R19371; HASTINGS HIGHLANDS ; COUNTY OF HASTINGS
Site Area	1 ha (2.5 ac)



* The Universal Transverse Mercator (UTM) measurements were obtained from Google Earth Pro.

Property Owner Information

Property Owner	Contact Information
Kurt Marescaux	Kurt Marescaux Owner Phone: 416-317-6876 Email: kurtmars742@gmail.com

2.2 Current and Proposed Future Use

The Site was undeveloped. The Client intends to develop the Site with a residential building, which does not constitute a change to a more sensitive land use.



3.0 Scope of Investigation

This Phase One ESA was completed as specified in Schedule D of O.Reg. 153/04 and followed the mandatory reporting requirements stipulated in Table 1 of the Schedule. This Phase One ESA included the following:

- A review of pertinent background and historical information including documents such as aerial photographs and topographic maps (as available)
- Review and summary of available environmental records obtained for the Site from the client and/or public and private sources
- Interviews with persons knowledgeable of the Site and adjacent properties and Freedom of Information (FOI) requests
- A site reconnaissance including visual observation of properties within the Phase One Study Area from publicly accessible areas
- Preparation of this report documenting the findings of the Phase One ESA and recommendations for further work, if required, to assess the environmental condition of the Site

This Phase One ESA report describes the methods used to document and identify PCAs associated with the Site and neighbouring properties within the Phase One Study Area. While this report considers said environmental concerns, both past and present, it is limited by the availability of information obtained at the time of the assessment. No subsurface investigation or sampling was completed as part of the Phase One ESA.



4.0 Records Review

This assessment was based on a review of the following records. A detailed list of sources referenced in this Phase One ESA is presented in Section 9.0.

- Aerial photographs
- Business directories
- Parcel Register
- Fire insurance plans (FIPs) and property underwriters' reports
- An Environmental Risk Information Services Ltd. (ERIS) search of numerous provincial, federal, and private databases
- Ministry of the Environment, Conservation and Parks (Ministry) records
- Technical Standards and Safety Authority (TSSA) records
- Available reports, maps, and other information

4.1 General

4.1.1 Phase One Study Area Determination

O.Reg. 153/04 defines the Phase One Study Area as the area that includes the Phase One Property, any other property that is located, wholly or partly, within 250 m from the nearest point on the phase one property boundary, and any property that the Qualified Person (QP_{ESA}) determines should be included as a part of the Phase One Study Area.

Based on a review of current and historical land uses at the Site and surrounding properties, topography, and groundwater flow direction, the QP_{ESA} considered the area within 250 m from the property boundary sufficient to identify PCAs and APECs, as illustrated in Figure 3. The current site orientation is depicted in Figure 4.



4.1.2 First Developed Use Determination

The first developed use of the Phase One Property is defined by O.Reg.153/04 to be the earlier of (a) the first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, and (b) the first potentially contaminating use or activity on the Phase One Property.

A review of aerial photographs, business directories, FIPs, and property ownership information was completed to determine the first developed land use for the Site. Based on our review of these information sources, the Site has never been developed. The chain of title review, which provided the oldest available property information, indicated that the Site has been owned by individuals since about 1929.

4.1.3 Fire Insurance Plans

Cambium requested FIPs, inspection reports, and plans from Opta Information Intelligence (Opta). No records were available for review. A copy of the Opta response is in Appendix B.

4.1.4 Chain of Title

A Chain of Title dating back to 1929 was reviewed to support the determination of first developed land use for the Site and identify PCAs. A copy of the Chain of Title documents is provided in Appendix C. Property ownership and use details are presented in Table 1.

The chain of title review identified the following:

- The Phase One Property was first transferred from Crown in 1929
- The Phase One Property (PIN 40047-0179) is described as Part Lot 3, Concession 10, Herschel Part 2, 21R19371; Hastings Highlands; County of Hastings.
- The site was owned by individuals from Crown patent to present. No commercial or industrial ownership was identified.
- Property ownership was transferred from Mario and Pamela Power to Kurt Marescaux on August 11, 2021.



4.1.5 Environmental Reports

Cambium made appropriate inquiries to obtain copies of the following reports prepared in respect of all or part of the Site by or on behalf of a current or former owner respecting environmental conditions at the Site as listed in Schedule D, paragraph 4, subsection 3 (2) of O.Reg. 153/04:

- ESA reports
- Remediation reports
- Reports prepared in response to an order or request from the Ministry
- Reports relating to the presence of a contaminant on, in, or under the Site, or the existence of an APEC

No previous environmental reports for the Site were provided for Cambium to review.

Cambium reviewed a copy of the *2023 Annual Monitoring Report* (BluMetric, 2024) for the North Baptiste Waste Transfer Station to the east of the Site. The report identified the following:

- The property operates as a waste transfer station (WTS) and collects waste in covered waste bins which are collected for transfer to another waste disposal site (WDS). The property includes a former WDS which operated from at least 1968 until it was closed and capped in August 2018.
- Groundwater samples were collected in May and October 2023. Based on analysis of groundwater samples, monitoring wells southeast of the former WDS were considered impacted by landfill leachate.
- Based on groundwater elevation data, the primary groundwater flow direction at the property is to the southeast. Groundwater is expected to discharge to the surface at or before the property line, and it is expected that groundwater downgradient of the WDS is not being impacted by leachate.



- Eight surface water monitoring stations are monitored for surface water flow and quality. Surface water quality indicated impacts to the east and south of the property.
- Landfill gas monitoring was completed at all groundwater monitoring wells and the on-site attendants building in 2023. Monitoring results indicated methane gas concentrations of 0 to 5 parts per million (ppm), below concentrations of concern (i.e., 10,000 ppm for subsurface, buildings, and structures on-site).

Cambium notes that the Site is hydraulically upgradient of the WDS, and is unlikely to be impacted by landfill leachate. Refer to Section 7.5 for additional information.

4.2 Environmental Source Information

Cambium made inquiries appropriate to obtain reasonably accessible records pertaining to the Site, including the following, as listed in Schedule D, paragraph 7, subsection 3 (2), of O.Reg. 153/04:

- National Pollutant Release Inventory information maintained by Environment Canada
- Polychlorinated biphenyl (PCB) information maintained by the Ministry
- Certificates of Approval, Permits to Take Water, Certificates of Property Use or similar instruments related to the environmental condition of the phase one property and any property on, under or adjacent to the phase one property and issued pursuant to an Act administered by the Ministry, whether in force or not
- The *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario* (MOE, 1988a) and the *Inventory of Coal Gasification Plant Waste Sites in Ontario* (MOE, 1988b)
- Records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the Ministry where the incident, order, offence, spill, discharge or inspection affects the phase one property and any property on, under or adjacent to the phase one property



- Waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors with respect to the Phase One Property and any property on, under or adjacent to the Phase One Property
- Reports submitted to the Ministry related to the environmental conditions of the Phase One Property and any property on, under or adjacent to the Phase One Property
- Retail fuel storage tanks information maintained by the Technical Standards and Safety Authority
- Notices and instruments, including Records of Site Condition (RSCs), posted in the Environmental Registry
- Identification of areas of natural significance maintained by the Ministry of Natural Resources and Forestry (MNR)
- Landfill information maintained by the Ministry - *Waste Disposal Site Inventory* (MOE, 1991)

4.2.1 City Directories

Cambium conducted a review of city directories for the Phase One Property and neighbouring properties. The Site and surrounding properties were not listed.

A summary of the directory listings for the Site and surrounding properties is included in Appendix D.

4.2.2 ERIS Data

ERIS is a private environmental database and information service company. Cambium contracted ERIS to provide a database report for the Phase One Study Area (ERIS, 2024). The ERIS report summarizes the findings of a search of various federal, provincial, and private source databases for all properties within 250 m from the site boundary. The ERIS report is presented in Appendix E.



On-Site Records

No listings were identified in the ERIS report for the Site.

Off-Site Records

The following environmentally significant records were identified for properties within the Phase One Study Area.

353 North Baptiste Lake Road (adjacent, east)

The Waste Disposal Sites - MOE 1991 Historical Approval Inventory (WSDH) and Anderson Waste Disposal Sites Inventory (ANDR) databases include listings for a waste disposal site which has been active since at least 1969. The waste disposal site received primarily municipal and domestic waste and was classified as having potential environmental impact.

The landfill portion of this property is approximately 40 m from the Site at its closest point and is hydraulically downgradient with respect to the inferred groundwater flow direction. As such, the landfill does not contribute to an APEC.

4.2.3 Coal Gasification Plants

The *Inventory of Industrial Facilities Producing or Using Coal Tar or Related Tars in Ontario* (MOE, 1988a) was reviewed. No industrial facilities producing or using coal or related tars were identified within 1,500 m of the Site.

The *Inventory of Coal Gasification Plant Waste Sites in Ontario* (MOE, 1988b) was reviewed. No coal gasification plant wastes sites were identified within 1,500 m of the Site.

4.2.4 Waste Disposal Site Inventory

The *Waste Disposal Site Inventory* (MOE, 1991) was reviewed. As noted in Section 4.2.2, an active municipal waste disposal site has operated on the east adjacent property since approximately 1969. Based on available aerial imagery, landfill operations appear to have been approximately 40 m from the site boundary, at the closest point. The landfill is hydraulically downgradient from the Site with respect to the inferred groundwater flow direction and as such, the landfill does not contribute to an APEC.



4.2.5 Freedom of Information

A FOI request for 377 North Baptiste Lake Road was submitted to the Ministry on September 4, 2024. A response to the FOI request dated September 18, 2024 indicated that no records were found.

A copy of the FOI request and response is included in Appendix F.

4.2.6 Brownfields Environmental Site Registry

Cambium searched for RSCs and transition notices filed in the Brownfields Environmental Site Registry. No RSCs or Transition Notices were found for the Site or properties within the Phase One Study Area.

4.3 Physical Setting Sources

The following documents were available for review and were used to supplement the information database for this report.

- Historical aerial photographs
- Topography, hydrology, and geology maps (stratigraphic maps, topographic maps, Ontario base mapping (OBM), etc.)
- Areas of Natural or Scientific Interests (ANSI) maps
- Well records

4.3.1 Aerial Photographs

Aerial photographs dated 1945, 1962, 1971, 1993, 2008, 2013, 2019, and 2023 were reviewed to identify the first developed use of the Site and subsequent on-site activities, buildings, structures, PCAs, and APECs, as per Schedule D, paragraph 9, of O.Reg. 153/04. Detailed observations are provided in Appendix G. The aerial photographs are provided as Figure 5 to Figure 12.



Review of the aerial photographs indicated that the Site has remained undeveloped since 1945. Development of the adjacent property to the east is apparent in 1971. In 2008, the waste transfer station to the east, and the development of the residential property to the north can be seen. The development of the property to the west is evident by 2019.

4.3.2 Topography, Hydrology, and Geology

The Site is within the Algonquin Highlands physiographic region (Chapman & Putnam, 1984), characterized by shallow till and rock ridges. In the general area, the overburden is mapped as glaciofluvial deposits of sand and gravel (OGS, 2010). The soils overlie Precambrian tectonite bedrock (OGS, 2007). A review of Ministry water well records (MECP, 2024) for boreholes within 200 m of the Site indicated that the local stratigraphy consisted of sand and gravel with boulders. Granitic bedrock was encountered at about 17 m below ground surface (mbgs) in a well to the west of the Site.

4.3.3 Fill Materials

It was reported that gravel fill was imported to the Site for grading of the driveway. The fill material was imported in early 2024 from a licenced pit operated by Leveque Bros. As such, the imported fill material is not considered a PCA.

4.3.4 Water Bodies and Areas of Natural Significance & Ground Water Information

The closest water body to the Site is an unnamed wetland about 170 m east of the Site, and a tributary of Selby Creek about 230 m northeast of the Site which flows east into Selby Creek. The Site is not within 30 m of a water body, as defined in O.Reg. 153/04.

Based on the distance and direction of these waterbodies, the regional groundwater flow direction is inferred to be to the southeast. Groundwater flow direction was confirmed to the southeast based on groundwater elevation data measured at the adjacent WDS to the northeast, as noted in Section 4.1.5.

The following were reviewed to identify if the Site includes, is adjacent to, or within 30 m of an area of natural significance:



1. The study area does not include areas reserved or set apart as a provincial park or conservation reserve (Ontario, 2023).
2. No areas of natural or scientific interest, adjacent to, or within 30 m of the Site, were identified by the MNRF, and no provincially significant wetlands are present (MNRF, 2024).
3. The Site is reportedly not zoned (zoning removed in 2010) and is within 500 m of a Waste Disposal Zone. The Site is not an environmentally significant area in the Official Plan (Hastings County, 2024).
4. The Site is not designated as part of an escarpment natural area or an escarpment protection area, or designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan applies (MNRF, 2024).
5. The Site does not include areas designated as a wilderness area (MNRF, 2024).
6. The Natural Heritage Information Centre (NHIC) identified the potential presence of habitat within the 1 km grid overlapping the Site for the following threatened or endangered species (MNRF, 2024).
 - Wood Thrush (*Hylocichla mustelina*) – threatened
 - Ogden's Pondweed (*Potamogeton x ogdenii*) – endangered

No waterbodies or surface water drainage features are present on-site. Based on the size of the Site and present features, the Site does not provide suitable habitat for Ogden's Pondweed.

As defined in Section 1 and 41 of O.Reg. 153/04, if habitat for endangered or threatened species are identified on, adjacent to, or within 30 m from the phase one property, it is considered environmentally sensitive. A review of the Site by an ecologist is recommended to verify species at risk habitat.



4.3.5 Well Records

A search of the Ministry Water Well Information System by ERIS identified four water well records within the Phase One Study Area ranging from about 50 m to 200 m from the Site. The wells were identified as observation/monitoring wells and domestic water supply wells

Stratigraphy in the shallower observation wells was generally peat and coarse sand to 3 mbgs and sand, silt, and gravel to 6 mbgs. Garbage/waste was identified in one observation well installed on the former landfill property to the northeast. Stratigraphy in the deeper domestic water supply wells was sand, silty sand, and gravel till. Bedrock material was recorded as red-brown granite.

4.4 Site Operating Records

A review of available site operating records is required when the Site is an Enhanced Investigation Property. A property is defined as an Enhanced Investigation Property as per paragraph 32 (1) (b) of O.Reg. 153/04 if it is used, or has ever been used, in whole or in part for an industrial use or for any of the following commercial uses:

- A garage
- A bulk liquid dispensing facility, including a gasoline outlet
- For the operation of dry cleaning equipment

Review of the site history indicated the Site is not an Enhanced Investigation Property. As such, a review of available site operating records was not completed.



5.0 Interviews

As per O.Reg. 153/04, interviews with persons described below are required in an effort to obtain further information regarding the site use, occupancy history, and environmental conditions of the Site. This may include the following:

- Persons relevant to meeting the objectives of the Phase One ESA
- Current occupants and/or owners of the Site, or an individual with control of or authority over the owner
- Previous owners and/or occupants
- For industrial/commercial properties, a person that is knowledgeable of site activities (to be conducted on-site)
- Where the owner/occupant is not available, at least one owner or occupant of an adjacent property and one provincial or municipal government official, both of whom should be familiar with the Site

Cambium interviewed Kurt Marescaux, the site owner, during the site reconnaissance. Information obtained from that discussion is included in the appropriate sections of this Phase One ESA report.

As described in Section 4.2.5, an FOI request was submitted to the Ministry for information they may have on file pertaining to the Site. A response to the FOI request is documented in Section 4.2.5, and copies are included in Appendix F.



6.0 Site Reconnaissance

6.1 General Requirements

Brianna Foster, B.Sc. conducted a site reconnaissance on September 12, 2024. At the time of the reconnaissance, the Site was largely undeveloped with the exception of a gravel driveway in the northwest portion of the Site. Ms. Foster also conducted a walk-by of the surrounding properties in the Phase One Study Area to identify potential off-site PCAs that may contribute to an APEC on the Phase One Property. Surrounding properties were viewed from publicly accessible areas.

During the site reconnaissance, the weather was warm and sunny with no precipitation. The entire Phase One Property was accessible, and all aspects of the property were observed. Information obtained from the site reconnaissance is presented in Section 6.2. Select photographs taken during the site reconnaissance are included in Appendix H.

6.2 Specific Observations at Phase One Property

Cambium made all reasonable attempts to obtain the following information where applicable, as required by Schedule D, subsection 13 (1) of O.Reg. 153/04:

1. A general description of structures and other improvements, including the number and age of buildings
2. A general description of the number, age, and depth of below ground structures
3. Details of all tanks, above and below ground, at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents and tank volume, whether in use or not
4. Any potable and non-potable water sources
5. The type and approximate location of underground utility and service corridors, such as sewer, water, electrical or gas lines, located on, in or under the Phase One Property



With respect to the structures and buildings on the Site, the following information was obtained:

1. Exit and entry points
2. Details of existing and former heating systems, including type and fuel source
3. Details of cooling systems, including type and fuel source, if any
4. Details of any drains, pits and sumps, including their current use, if any, and former use
5. Details of any unidentified substances
6. Details, including locations, of stains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location.

Inquiries were also made to determine the following:

1. Details including locations of current and former wells, including all wells described or defined in or under the *Ontario Water Resources Act and the Oil, Gas and Salt Resources Act*
2. Details of sewage works, including their location
3. Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement
4. Details of current or former railway lines or spurs and their locations

For the portion of the Phase One Property not covered by structures and buildings, the following observations were made:

1. Areas of stained soil, vegetation, or pavement
2. Stressed vegetation
3. Areas where fill and debris materials appear to have been placed or graded
4. Potentially contaminating activity
5. Details of any unidentified substances found at the Phase One Property



The following is a description of the various points of investigation noted during the site reconnaissance conducted for the Phase One ESA. All observations made during the site reconnaissance are discussed in the following sections in detail regarding any findings that are relevant to identifying PCAs and APECs.

6.2.1 Structures and Other Improvements

There were no structures on the Phase One Property.

6.2.2 Underground Utility and Service Corridors

No evidence of on-site utilities was observed.

6.2.3 Storage Tanks – Above Ground and Underground

No evidence of ASTs or USTs was observed on-site, or on surrounding properties from publicly accessible areas (i.e. adjacent roadways).

6.2.4 Oil/Water Separators

No oil/water separators were observed or reported at the Site.

6.2.5 Potable Water Sources

The Phase One Study Area is not municipally serviced for drinking water. No drinking water wells were observed on the Site and no records of drinking water wells at the Site were identified by the records review.

6.2.6 Entry and Exit Points

The Site is accessible at the northwest corner via a driveway from North Baptiste Lake Road.

6.2.7 Heating and Cooling Systems

No heating or cooling systems were observed or reported at the Site.



6.2.8 Drains, Pits, and Sumps

No sumps, drains, pits, or lagoons were observed or reported at the Site.

6.2.9 Unidentified Substances

No unidentified substances were observed or reported at the Site.

6.2.10 Current and Former Wells

No environmental monitoring wells or potable drinking water wells were identified at the Site.

6.2.11 Septic Fields

No septic fields were observed or reported at the Site.

6.2.12 Ground Surface Conditions

Ground surfaces at the Site consisted of a gravel driveway and parking lot in the northeast corner, surrounded by exposed soil where trees had recently been cleared. The remainder of the Site was dense woodland.

6.2.13 Railway Lines or Spurs

There are no railway lines or spurs on the Site.

6.2.14 Stained Soil, Vegetation, or Pavement

No areas of stained soil, vegetation, or pavement were observed on the Site.

6.2.15 Stressed Vegetation

No areas of stressed vegetation were observed on the Site.

6.2.16 Fill and Debris Materials

Gravel fill was imported to the Site for the grading of the driveway. The fill material was imported in early 2024 from a licenced pit operated by Leveque Bros. As such, the imported fill material is not considered a PCA.



6.2.17 Unidentified and Other Hazardous Substances

No unidentified substances were observed at the Site.

6.2.18 Adjacent Land Uses and Environmental Concerns

The Site is bound by North Baptiste Lake Road and residential property to the north, a waste transfer station and wetland to the east, woodland to the south, and residential and forested property to the west. The waste transfer station is a PCA that does not contribute to an APEC, based on the distance and hydraulically downgradient location with respect to the Site.

6.2.19 Enhanced Investigation Property

The records review indicated that the Site has always been woodland, and as such the Site is not an Enhanced Investigation Property.

6.3 Written Description of Investigation

This Phase One ESA included a review of historical documents, an interview with a person knowledgeable about the historical and current uses of the Site, and a site reconnaissance to observe existing site conditions.

A reconnaissance of the Site was conducted to examine the exterior portions of the Site. Mechanical equipment (including heating and cooling systems) was documented, if applicable, as was any evidence of USTs and ASTs. The exterior portions of the Site were examined for evidence of utilities and related infrastructure; water wells; site drainage and related infrastructure; stained areas; stressed vegetation; and, evidence of fill material.

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

Further to the description of the investigations outlined above, the findings that are relevant to the existence of an APEC or PCA are described in Section 7.0.



7.0 Review and Evaluation of Information

7.1 Current and Past Uses

The Site has always been woodland based on available aerial photography, city directories, and land titles.

The Site is currently undeveloped. The client intends to develop the Site for residential purposes.

For information on the current and past uses and ownership refer to Table 1 and the Chain of Title report included as Appendix C.

7.2 Potentially Contaminating Activity

Cambium reviewed information available for the Phase One Study Area to identify environmental issues normally assessed in a Phase One ESA. The Phase One ESA identified one off-site PCA within the Phase One Study Area. Refer to Table 2 for further description of the identified PCA and Figure 3 for locations of the identified PCA.

7.3 Areas of Potential Environmental Concern

Based on the distance and/or direction from the Site, local topography, and inferred groundwater flow direction, the off-site PCA does not contribute to an APEC.

7.4 Phase One Conceptual Site Model

The following descriptions and discussion supplement Figure 3 and Figure 4, and together comprise the Phase One Conceptual Site Model (CSM). The purpose of the CSM is to assist the QP in illustrating the results of the Phase One ESA and to provide a basis for further work, if required.

7.4.1 Site Description

The Site is on the south side of North Baptiste Lake Road in Maynooth, Ontario in the County of Hastings. The legal description of the Site is Part Lot 3, Concession 10, Herschel Part 2,



21R19371; Hastings Highlands; County of Hastings. The Property Identification Number (PIN) is 40047-0179 (LT). The Universal Transverse Mercator (UTM) coordinates for the centroid for the Site are Zone 18 T, 269865 m east, 5006325.15 m north. The roughly 1.0 ha site is bound by North Baptiste Lake Road to the north, woodland to the south, residential land use to the west, and industrial land use to the west.

7.4.2 Existing Buildings and Structures

There were no structures on the Phase One Property.

7.4.3 Water Bodies and Areas of Natural Significance

The closest water body to the Site is an unnamed wetland about 170 m east of the Site and a tributary of Selby Creek about 230 m northeast of the Site which flows east into Selby Creek. The Site is not within 30 m of a water body, as defined in O.Reg. 153/04.

The Site was considered an Area of Natural Significance, as defined in Section 1 of O.Reg. 153/04, due to the potential presence of Species at Risk habitat for threatened and/or endangered species as identified by the MNRF Natural Heritage Information Centre mapping. A review of the Site by an ecologist is recommended to verify species at risk habitat.

7.4.4 Drinking Water Wells

The Phase One Study Area is not municipally serviced for drinking water. No drinking water wells were observed on the Site and no records of drinking water wells at the Site were identified by the records review.

A search of the Ministry Water Well Information System by ERIS identified four water well records within the Phase One Study Area ranging from about 50 m to 200 m from the Site. The wells were identified as observation/monitoring wells and domestic water supply wells

Stratigraphy in the shallower observation wells was generally peat and coarse sand to 3 mbgs and sand, silt, and gravel to 6 mbgs. Stratigraphy in the deeper domestic water supply wells was sand, silty sand, and gravel till. Bedrock material is recorded as red-brown granite.



7.4.5 Potentially Contaminating Activities

Based on the records review, site reconnaissance, and interviews, one off-site PCA was identified within the Phase One Study Area. Refer to Table 2 for further description of the identified PCA and Figure 3 for locations of the identified PCA.

PCA 1 – Off-site (353 North Baptiste Lake Road): waste transfer station; #58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners

7.4.6 Areas of Potential Environmental Concern

Based on the distance and/or direction from the Site, local topography, and inferred groundwater flow direction, the off-site PCA does not contribute to an APEC..

7.4.7 Contaminants of Potential Concern

The identified PCA did not contribute to an APEC. As such, an assessment of COPCs was not required.

7.4.8 Contaminant Distribution and Transport

No underground utilities were identified on, in, or under the Site. Contaminant distribution and transport may be influenced by the presence of utility trenches that were historically present on the Site. Water level data reviewed for the Site indicates that the water table is within a fill or sand layer, which would likely have similar properties as trench backfill. Therefore, it is considered unlikely that preferential migration of contaminants would occur via historical utility trenches.

No specific climatic or meteorological conditions were observed that may influence the distribution or migration of contaminants.

7.4.9 Geological and Hydrogeological Setting

The Site is within the Algonquin Highlands physiographic region (Chapman & Putnam, 1984), characterized by shallow till and rock ridges. In the general area, the overburden is mapped as



glaciofluvial deposits of sand and gravel (OGS, 2010). The soils overlie Precambrian tectonite bedrock (OGS, 2007). A review of Ministry water well records (MECP, 2024) for boreholes within 200 m of the Site indicated that the local stratigraphy consisted of sand and gravel with boulders. Granitic bedrock was encountered at about 17 mbgs in a well to the west of the Site.

7.4.10 Uncertainty or Absence of Information

All aspects of the Phase One ESA were conducted consistent with O.Reg. 153/04, and as such, the Site was investigated thoroughly. As access to the entire Site was possible, and adequate historical information was available through the interviewee's, records review, and FOI requests uncertainty or absence of information is not expected to result in environmental concerns at the Site.

7.5 Land Use Compatibility Considerations

Given the Site is within 500 m of a waste disposal site, for the Site to be developed, a land use compatibility assessment is required. This assessment is required by the County of Hastings (County) to demonstrate that the waste disposal site will not adversely impact the proposed development of the Site. This report addresses the requirements outlined by the County and was completed using the methodology outlined in the Ministry's *D-4 - Land Use on or Near Landfills and Dumps* (MOEE, 1994) (Guideline D-4).

The Site reportedly had its zoning removed by the Municipality through Bylaw 2010-012 and was inadvertently omitted. The Site is adjacent the North Baptiste Waste Transfer Station which is zoned Waste Disposal (WD).

The Site and North Baptiste Waste Transfer Station are identified within the County of Hastings Official Plan as being within a Waste Management Assessment Area. As such, Section 3.5 of the Hastings County Official Plan dated December 19, 2017 applies.

Section 3.5 Waste Management Land Use designation provides direction for development in proximity to existing and closed landfill sites which includes an assessment area. The purpose of the assessment area is to implement a study area for proposals for new development within the vicinity of or on an active or former waste management site to protect the health, safety,



convenience, and welfare of persons near such facilities. The assessment area shall be defined as 500 m from the perimeter of the fill areas of the active or former waste management site. For the purposes of the waste management assessment area, new development means a change in land use requiring an amendment to the Official Plan and/or an amendment to a Zoning By-law. The assessment area impacts the Site, and the development is considered a new development as a Zoning By-law amendment is required.

The requirements outlined in the County's Official Plan are broadly defined by Guideline D-4. According to Section 4.1 of Guideline D-4, factors to be considered when land use is proposed on or near an operating landfill site include:

- groundwater and surface water contamination by leachate
- surface water runoff
- visual impact
- landfill-generated gasses
- odour
- litter
- contaminant discharges from associated vehicular traffic
- dust, noise, other air emissions
- fires
- vector and vermin

Guideline D-4 indicates that these factors should be considered with respect to their potential to create a hazard or health and safety risk, a nuisance to people, and/or degradation of the natural environment.

As part of a D-4 assessment, the following is typically required:

- Desktop review of available sources such as those outlined in Section 4.0, including interviews when possible (Section 5.0)



- Site reconnaissance, as completed and documented in Section 6.0
- If deemed necessary, subsurface investigations

Based on the information obtained during the Phase One ESA, the following has been determined, with specific reference for the potential for the North Baptiste Waste Transfer Station to impact the Site:

- The Site is hydraulically up-gradient of the waste disposal site.
- Groundwater impacts from the waste disposal site are limited, and are interpreted to discharge to surface east and south of the landfill footprint.
- There have been no recent concentrations of methane documented at the waste disposal site that would indicate a potential hazard to the Site.
- There was no evidence of litter, odour, dust, or nuisance vector or vermin at the waste transfer site or the Site during the site reconnaissance.
- There was sufficient dense vegetation between the waste transfer station and the Site to provide a visual buffer/barrier, as well as reduce potential offsite impacts from the transfer station to the Site (e.g., litter, noise, etc.).
- Given the information available to date, subsurface investigations were not deemed necessary for the purposes of the D-4 land use compatibility assessment.

Based on this assessment, there are no anticipated impacts to the development of the Site from the North Baptiste Waste Transfer Site. As a matter of due diligence, it is recommended that the water from any future supply well (or wells) that are installed on-site be tested for those parameters listed in Column 1, Schedule 5 of the *Landfill Standards* (MOE, 2012), in addition to hardness to confirm water quality.



8.0 Conclusions

The Phase One ESA conclusions regarding the current environmental conditions at the Site are based solely on the results of the document review, regulatory records review, interviews, and site reconnaissance as described in this report.

8.1 Requirement for a Phase Two Environmental Site Assessment

Based on the observations and information obtained for the Site and Phase One Study Area, a Phase Two ESA is not required.

8.2 Land Use Compatibility

Based on the results of the D-4 assessment, no additional assessments including subsurface assessments are required. As a matter of due diligence, it is recommended that the water from any future potable supply well (or wells) that are installed on-site be tested for those parameters listed in Column 1, Schedule 5 of the *Landfill Standards* (MOE, 2012), in addition to hardness to confirm water quality.



8.3 Signatures

This Phase One ESA was completed by Mr. Kevin Damsbaek, P.Eng., PMP, QP_{ESA}, as per O.Reg. 153/04. Information presented in this report is true and accurate to the best of the assessors' knowledge.

Respectfully submitted,

Cambium Inc.

Signed by:

9A73977D46354EC...

Brianna Foster, Hons B.Sc.
Technologist

DS

DocuSigned by:

943D439368B4485...

Kevin Damsbaek, P.Eng., PMP, QP_{ESA}
Senior Project Manager



2025-01-21

\\cambiumincstorage.file.core.windows.net/projects\21300 to 21399\21323-001 Kurt Marescaux - ESA - 377 N Baptiste Lake Rd\Deliverables\Phase One ESA\Final\2025-01-21 RPT Phase One ESA - 377 N Baptiste Lake Rd, Maynooth ON.docx



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10.0 Standard Limitations

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Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work or report considers any locations or times other than those from which information, sample results and data was specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those extrapolations.

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Appended Figures

**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

- Highway
- Major Road
- Minor Road
- Watercourse
- Wooded Area
- Water Area

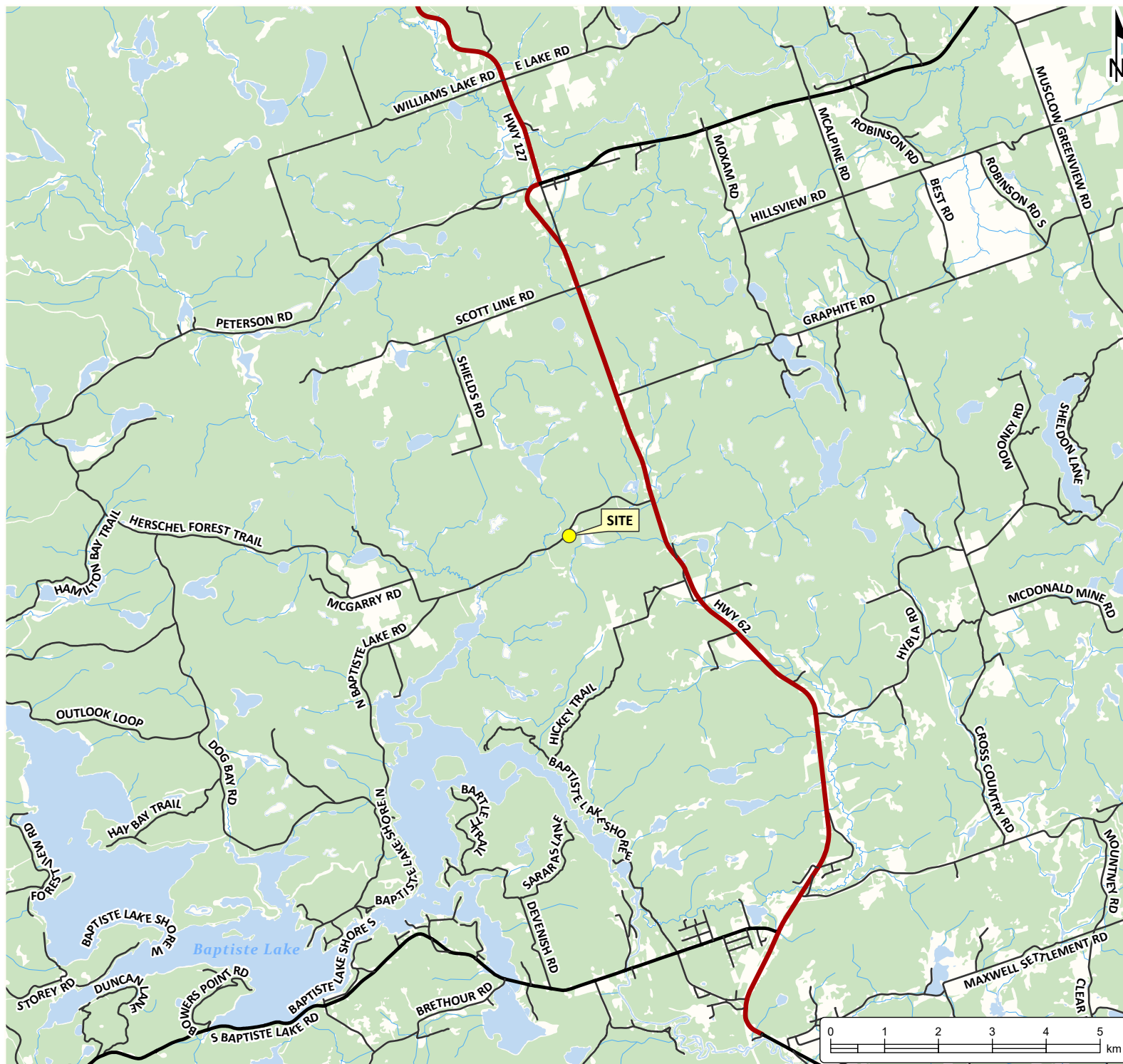
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SITE LOCATION PLAN

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Scale: 1:100,000	Projection: NAD 1983 UTM Zone 18N
Created by: TLC	Checked by: KD
Figure: 1	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

Site (approximate)

LAND USE

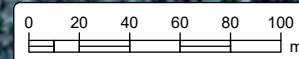
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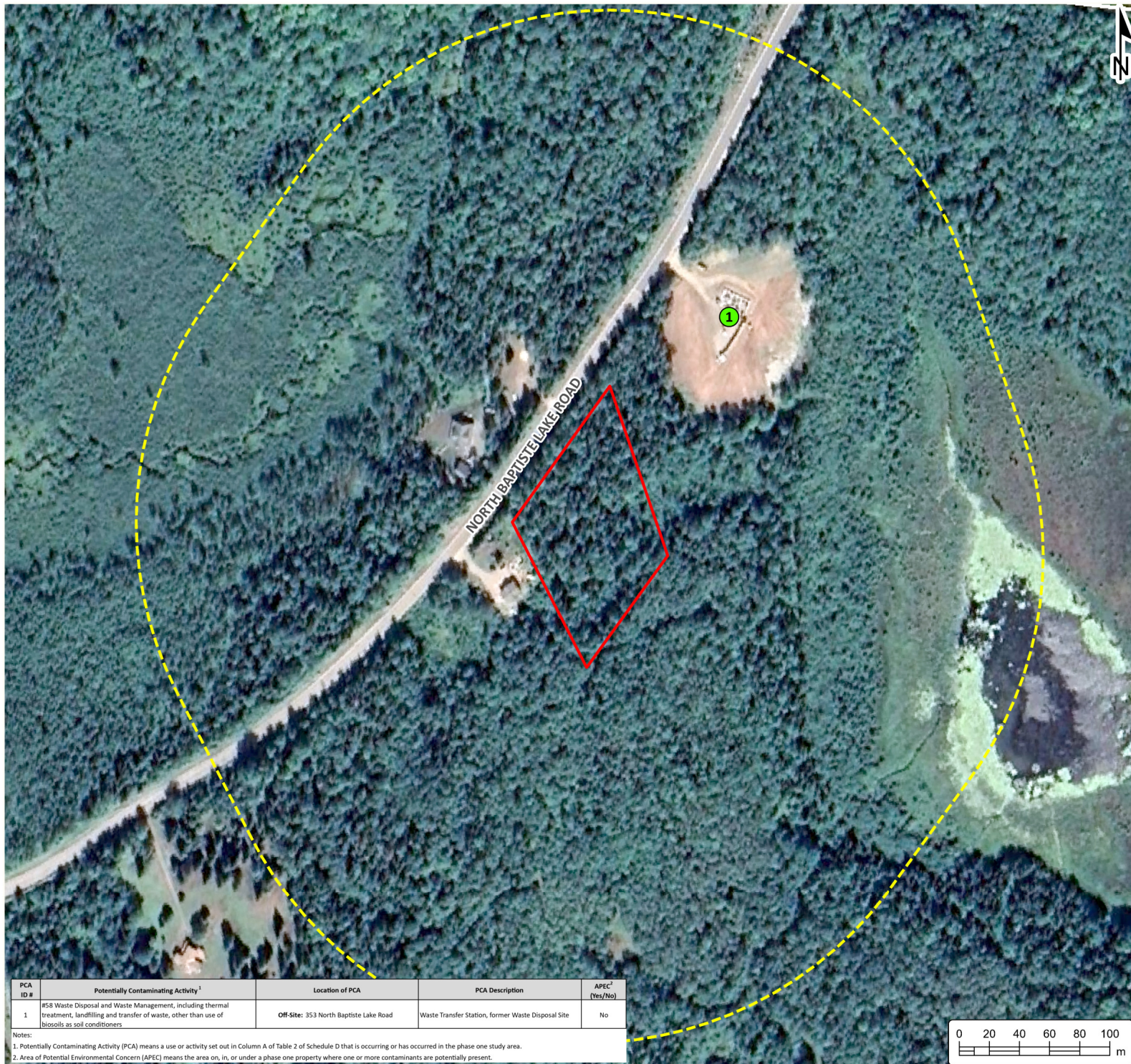


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**SITE PLAN AND
SURROUNDING LAND USE**

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Figure: 2	





PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
 KURT MARESCAUX
 377 North Baptiste Lake Road
 Maynooth, Ontario

LEGEND

- 250m Study Area
- Site (approximate)

Potentially Contaminating Activity:

- Does Not Contribute to APEC
- Contributes to APEC

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**CONCEPTUAL SITE MODEL
 PHASE ONE STUDY AREA**

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Figure: 3	


PCA ID #	Potentially Contaminating Activity ¹	Location of PCA	PCA Description	APEC ² (Yes/No)
1	#58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosolids as soil conditioners	Off-Site: 353 North Baptiste Lake Road	Waste Transfer Station, former Waste Disposal Site	No

Notes:
 1. Potentially Contaminating Activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in the phase one study area.
 2. Area of Potential Environmental Concern (APEC) means the area on, in, or under a phase one property where one or more contaminants are potentially present.



**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

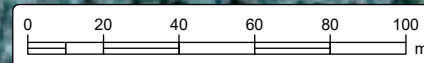
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**CONCEPTUAL SITE MODEL
PHASE ONE SITE PLAN**


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Figure: 4	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

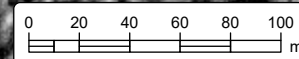
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1945 AERIAL IMAGERY


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**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

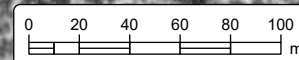
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1962 AERIAL IMAGERY


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Figure: 6	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

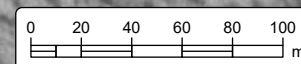
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1971 AERIAL IMAGERY


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Figure: 7	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

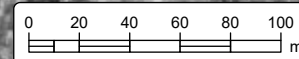
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1993 AERIAL IMAGERY

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Figure: 8	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

Site (approximate)

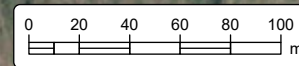
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2008 AERIAL IMAGERY

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Figure: 9	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

- Site (approximate)
- Roads - Labels Only
- Water Area - Labels Only
- Watercourse - Labels Only

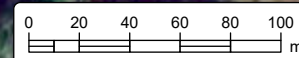
Notes:
 - Aerial imagery was obtained from Google Earth.
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 - Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
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 www.cambium-inc.com

2013 AERIAL IMAGERY


Project No.: 21323-001	Date: October 2024
Scale: 1:3,000	Rev.: NAD 1983 UTM Zone 18N
Created by: TLC	Checked by: KD
Figure: 10	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

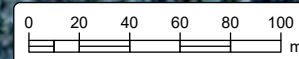
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2019 AERIAL IMAGERY


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Created by: TLC	Checked by: KD
Figure: 11	





**PHASE ONE
ENVIRONMENTAL
SITE ASSESSMENT**
KURT MARESCAUX
377 North Baptiste Lake Road
Maynooth, Ontario

LEGEND

 Site (approximate)

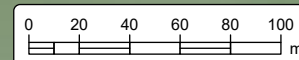
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2023 AERIAL IMAGERY

Project No.: 21323-001	Date: October 2024
Scale: 1:3,000	Rev.: NAD 1983 UTM Zone 18N
Created by: TLC	Checked by: KD
Figure: 12	





Appended Tables



Table 1 - Current and Past Uses

Year	Name of Owner	Description of Property Use	Property Use ¹	Other Observations ²
1929 to 1953	Michael Hickey	Vacant	Agricultural or Other Use	Crown Patent
1953 to 1954	County of Hastings	Vacant	Agricultural or Other Use	1945 aerial - wooded lot, undeveloped
1954 to 1973	Bernard Hickey	Vacant	Agricultural or Other Use	1962, 1971 aerials - wooded lot, undeveloped
1973 to 1975	Albert Raymond Steffler	Vacant	Agricultural or Other Use	N/A
1975 to 1975	James Natscheff and Vasil Uvakov	Vacant	Agricultural or Other Use	N/A
1975 to 1983	Helgo Kovachis and Anthony Kovachis	Vacant	Agricultural or Other Use	N/A
1983 to 1985	Anna Kovachis and Donna Natscheff	Vacant	Agricultural or Other Use	N/A
1985 to 1989	Neil Franklin Rollings	Vacant	Agricultural or Other Use	N/A
1989 to 2000	Basil Hirth and Mary Agnes Hirth	Vacant	Agricultural or Other Use	1993 aerial - wooded lot, undeveloped
2000 to 2021	Mario Power and Pamela Mary Power	Vacant	Agricultural or Other Use	2008, 2013, 2019 aerials - wooded lot, undeveloped
2021 to present	Kurt Marescaux	Vacant	Agricultural or Other Use	2023 aerial - wooded lot, undeveloped

Notes:

1. Specific Types of Property Use as defined by O. Reg. 153/04, as amended
2. Other observations are obtained from aerial photographs, records review, etc.



Table 2 - Potentially Contaminating Activities

PCA ID #	Potentially Contaminating Activity ¹	Location of PCA	PCA Description	APEC ² (Yes/No)
1	#58 Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Off-Site: 353 North Baptiste Lake Road	Waste Transfer Station, former Waste Disposal Site	No

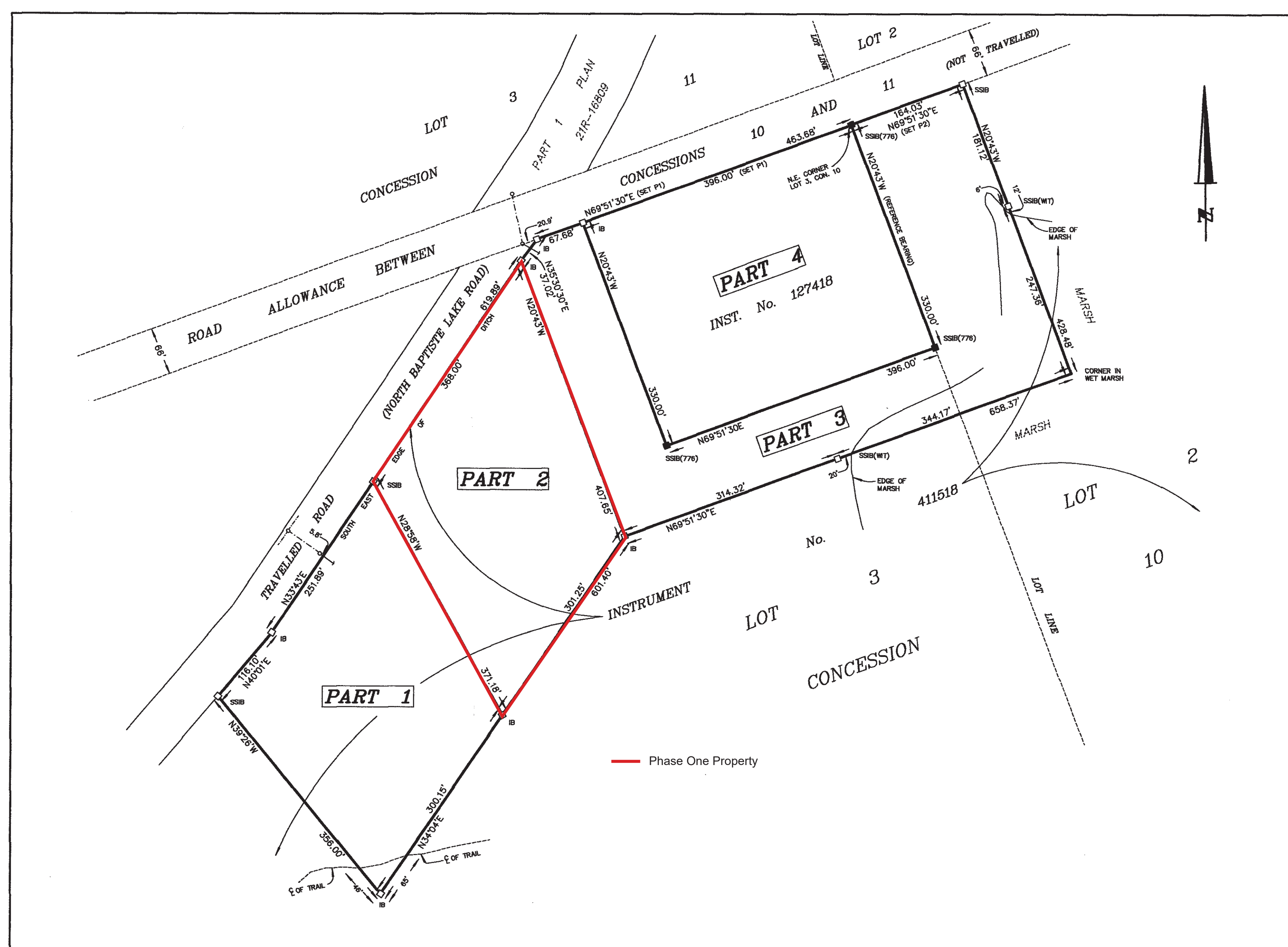
Notes:

1. Potentially Contaminating Activity (PCA) means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in the phase one study area.
2. Area of Potential Environmental Concern (APEC) means the area on, in, or under a phase one property where one or more contaminants are potentially present.



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix A
Plan of Survey



I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE REGISTRY ACT. **PLAN 21R-19371**
 RECEIVED AND DEPOSITED
 DATE : JANUARY 17, 2000
 DATE : Feb 28, 2000
 PAUL A. MILLER, O.L.S.
 S. Hughes
 A.O. LAND REGISTRAR FOR THE REGISTRY DIVISION OF HASTINGS (21).

SCHEDULE				
PART	LOT	CONCESSION	INST. NO.	AREA
1				2.5 Acres
2	3		41151B	2.5 Acres
3	2, 3	10		3.5 Acres
4	3		127418	3.0 Acres

PLAN OF SURVEY OF PART OF LOTS 2 AND 3 CONCESSION 10 TOWNSHIP OF HERSCHEL COUNTY OF HASTINGS SCALE : 1 INCH = 100 FEET PAUL A. MILLER, O.L.S.



NOTES
 BEARINGS ARE ASTRONOMIC AND ARE REFERRED TO THAT PORTION OF THE EAST LIMIT OF (P1) SHOWN AS N20°43'W.
 PROPERTY LINES ARE UNFENCED, UNLESS OTHERWISE NOTED.
 FENCES ARE LOCATED ON PROPERTY LINES, UNLESS OTHERWISE NOTED

LEGEND

SYMBOL	DENOTES
■	SURVEY MONUMENT FOUND
□	SURVEY MONUMENT PLANTED
SSIB	SHORT STANDARD IRON BAR 1"x1"x24"
SIB	STANDARD IRON BAR 1"x1"x48"
IB	IRON BAR 5/8"x5/8"x24"
RB	ROCK BAR 1"x1"x6"
RPL	ROCK PLUG 5/8"x5/8"x6"
WT	WITNESS
INST. NO.	INSTRUMENT NUMBER
(M)	MEASURED
(P1)	PLAN OF SURVEY BY M.J. McALPINE, O.L.S. DATED NOVEMBER 8, 1968 OF RECORD IN THE OFFICE OF P.A. MILLER SURVEYING LTD. PLAN 21R-14057
(P2)	PLAN 21R-14057
—○—	UTILITY POLE ANCHOR CABLE

SURVEYOR'S CERTIFICATE
 I CERTIFY THAT :
 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, AND THE REGISTRY ACT, AND THE REGULATIONS MADE UNDER THEM.
 2. THIS SURVEY WAS COMPLETED ON THE 11th DAY OF JANUARY, 2000.

DATE : JANUARY 17, 2000
 PAUL A. MILLER
 ONTARIO LAND SURVEYOR

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

P. A. MILLER SURVEYING LTD.
ONTARIO LAND SURVEYOR
 P.O. BOX 1800
 BANCROFT
 (613) 332-3654



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix B
Opta



enviroscan



175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 1 877 244 9437
W: optaintel.ca

Stephanie

Site Address:

377 North Baptiste Lake Road Hastings Highlands ON

**Requested by:
Eleanor Goolab
Ecolog Eris**

**Project No:
24090400057**

Opta Order ID:

148950

Date Completed:

9/17/2024 1:51:43 PM

Page: 2

Project Name: 377 North Baptiste Lake Rd
Lake Rd Maynooth

Project #: 24090400057
P.O. #: 21323001

ENVIROSCAN Report

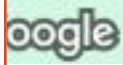
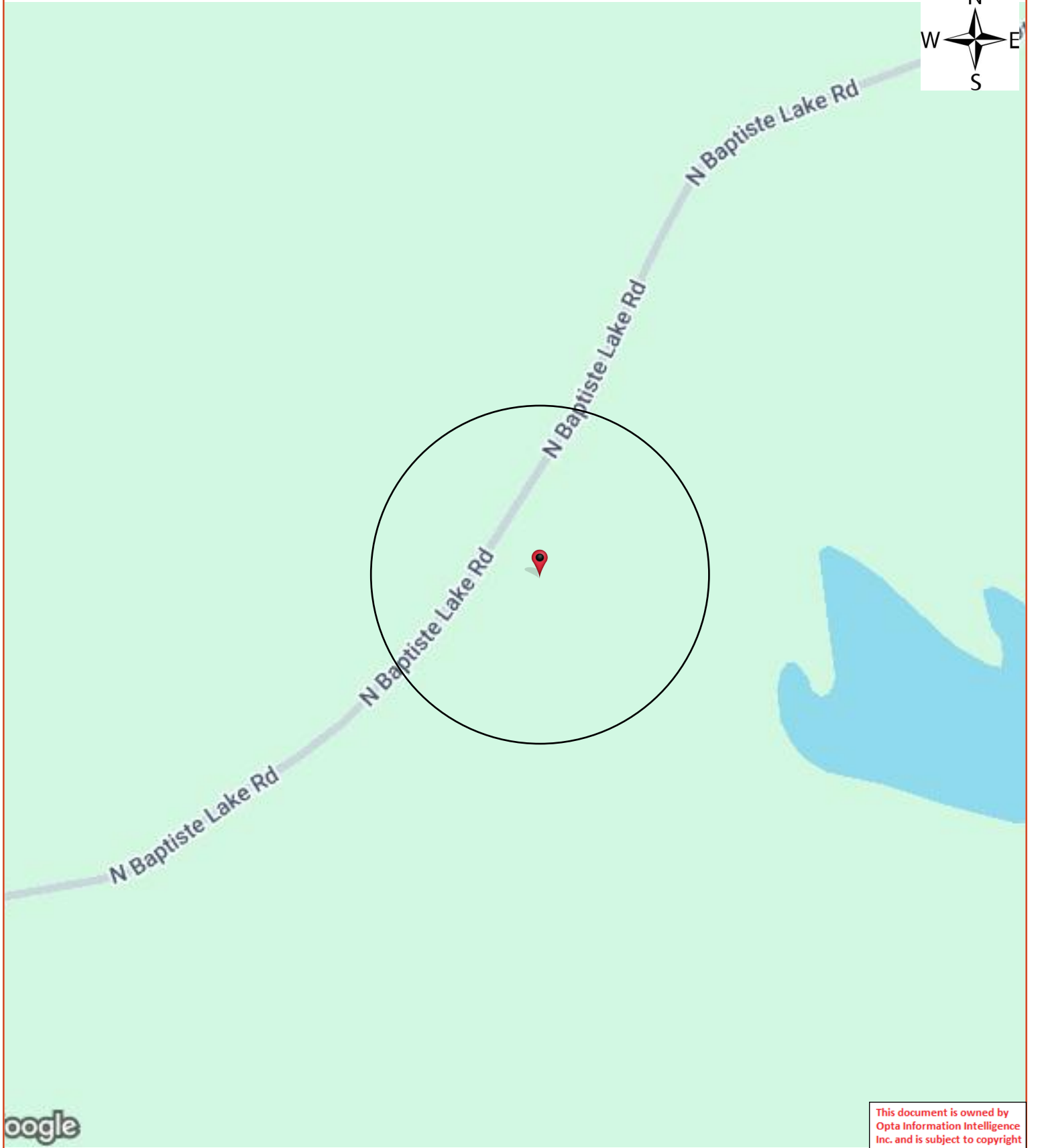
**Search Area: 377 North Baptiste Lake Road
Hastings Highlands ON**

Requested by:
Eleanor Goolab

Date Completed: 09/17/2024 13:51:43



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ENVIROSCAN Report**Page: 3**Project Name: 377 North Baptiste
Lake Rd MaynoothProject #: 24090400057
P.O. #: 21323001**Opta Historical Environmental Services Enviroscan
Terms and Conditions**Requested by:
Eleanor Goolab

Date Completed: 09/17/2024 13:51:43



OPTA INFORMATION INTELLIGENCE

**Opta Historical Environmental Services EnviroscanTM
Terms and Conditions****Report**

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Entire Agreement

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

Governing Document

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

Law

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



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 877.244.9437

Toll Free: 877.244.9437

F: 877.244.9437

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ENVIROSCAN Report

Page: 4

Project Name: 377 North Baptiste
Lake Rd Maynooth

No Records Found

Requested by:
Eleanor Goolab

Date Completed: 09/17/2024 13:51:43



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Project #: 24090400057
P.O. #: 21323001

No Records Found

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Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix C
Chain of Title

CAMBIUM PROJECT # 21323-001

#377 NORTH BAPTISTE LAKE ROAD

PIN 40047-0179

PART 2 on 21R-19371

**PART OF LOT 3
CONCESSION 10
(TOWNSHIP OF HERSCHEL)**

formerly TOWNSHIP OF HERSCHEL

now HASTINGS HIGHLANDS

COUNTY OF HASTINGS

PIN	OWNERSHIP	DATES
40047-0179	KURT MARESCAUX	AUGUST 11 2021 TO PRESENT AS OF SEPTEMBER 9 2024
	MARIO POWER PAMELA MARY POWER	DECEMBER 14 2000 TO AUGUST 11 2021
	BASIL HIRTH MARY AGNES HIRTH	MARCH 3 1989 TO DECEMBER 14 2000
	BESSIE IRENE MAGER quit claim to NEIL FRANKLIN ROLLINGS	MARCH 3 1989
	NEIL FRANKLIN ROLLINGS	MAY 29 1985 TO MARCH 3 1989
	ANNA KOVACHIS DONNA NATSCHEFF	JANUARY 17 1983 TO MAY 29 1985
	HELGO KOVACHIS ANTHONY KOVACHIS ANTHONY KOVACHIS interests conveyed ESTATE OF ANTHONY KOVACHIS	MAY 12 1975 JULY 22 1975 TO JANUARY 17 1983
	JAMES NATSCHEFF VASIL UVAKOV	APRIL 21 1975 TO MAY 12 1975 & JULY 22 1975
	ALBERT RAYMOND STEFFLER	OCTOBER 22 1973 TO APRIL 21 1975

	NOTE:	
	THERE ARE CONTINUOUS TAX SALE NOTICES FOR THIS PROPERTY BETWEEN 1953 TO 1972. EACH REDEMPTION WAS IN FAVOUR OF "BERNARD HICKEY"	
	BERNARD HICKEY	JULY 9 1954 TO OCTOBER 22 1973
TAX ARREARS CERTIFICATE	COUNTY OF HASTINGS	JANUARY 13 1953 TO JULY 9 1954
CROWN PATENT	MICHAEL HICKEY	APRIL 6 1929 TO JANUARY 13 1953

CROWN PATENT: APRIL 6 1929

LOT 3 ; CONCESSION 10

GEOGRAPHIC TOWNSHIP OF HERSCHEL

COUNTY OF HASTINGS



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix D
City Directories

CITY DIRECTORY

Project Number: 21323-001

Subject Property: 377 North Baptiste Lake Road, Maynooth (Harcourt)

Years Available: N/A

Year Site First Listed (within accessible data sources):

Comments/Notes: Data for North Baptiste Lake Road is only available for Bancroft, ON.
Civic address range of approximately 1579-2507 (year: 2000)

Year:	
Site & Listing: 377 N Baptiste Lake Road	-Address Not Listed
Adjacent Properties:	
North Baptiste Lake Road (350-488)	-No Listings Within Radius



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix E
ERIS Report



DATABASE REPORT

Project Property: *377 North Baptiste Lake Rd, Maynooth
377 North Baptiste Lake Road
Hastings Highlands ON K0L*

Project No: *21323-001*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *24090400057*

Requested by: *Cambium Inc.*

Date Completed: *September 9, 2024*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property: 377 North Baptiste Lake Rd, Maynooth
377 North Baptiste Lake Road Hastings Highlands ON K0L

Project No: 21323-001

Order Information:

Order No: 24090400057
Date Requested: September 4, 2024
Requested by: Cambium Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Topographic Map ANSI Map & Ontario Base Map (OBM)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	2	2
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	0	0
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	1	1
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PPHA	<i>Potential PFAS Handlers from EASR</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	3	3
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	1	1

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
WWIS	Water Well Information System	Y	0	4	4
		Total:	0	11	11

Executive Summary: Site Report Summary - Project Property

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

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		401 North Baptiste Lake Rd MAYNOOTH ON Well ID: 7302421	SW/40.0	1.06	14
2	WWIS		378 NORTH BAPTISTE LAKE ROAD lot 3 con 10 ON Well ID: 7268327	WNW/42.9	0.06	21
3	WDSH		PT 3 10 HERSCHEL ON	NE/85.4	-1.30	28
4	ANDR	Hickey Settlement Dump (official)	Maynooth ON K0L 2S0	ENE/103.3	-1.30	28
5	WWIS		353 NORTH BAPTISTE LAKE RD. lot 3 con 10 MAYNOOTH ON Well ID: 7257208	ENE/114.7	-2.83	29
6	ANDR	Hickey Settlement Dump 1979	Maynooth ON K0L 2S0	ENE/116.5	-2.83	32
7	LIMO	North Baptiste Waste Disposal Site	353 North Baptiste Lake Road Hastings Highlands ON	ENE/153.0	-3.58	32
7	WDS	The Corporation of the Municipality of Hastings Highlands	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	ENE/153.0	-3.58	33
7	WDS	The Corporation of the Municipality of Hastings Highlands	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	ENE/153.0	-3.58	34
7	WDS	The Corporation of the Municipality of Hastings Highlands	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	ENE/153.0	-3.58	35
8	WWIS		353 NORTH BABPTISTE LAKE RD. lot 3 con 11 MAYNOOTH ON Well ID: 7257209	NE/190.6	-4.34	35

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 2 ANDR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hickey Settlement Dump (official)	Maynooth ON K0L 2S0	103.3	<u>4</u>
Hickey Settlement Dump 1979	Maynooth ON K0L 2S0	116.5	<u>6</u>

LIMO - Landfill Inventory Management Ontario

A search of the LIMO database, dated Mar 31, 2022 has found that there are 1 LIMO site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
North Baptiste Waste Disposal Site	353 North Baptiste Lake Road Hastings Highlands ON	153.0	<u>7</u>

WDS - Waste Disposal Sites - MOE CA Inventory

A search of the WDS database, dated Oct 2011-Jul 31, 2024 has found that there are 3 WDS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the Municipality of Hastings Highlands	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	153.0	<u>7</u>
The Corporation of the Municipality of Hastings Highlands	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	153.0	<u>7</u>
The Corporation of the Municipality of Hastings Highlands	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	153.0	<u>7</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

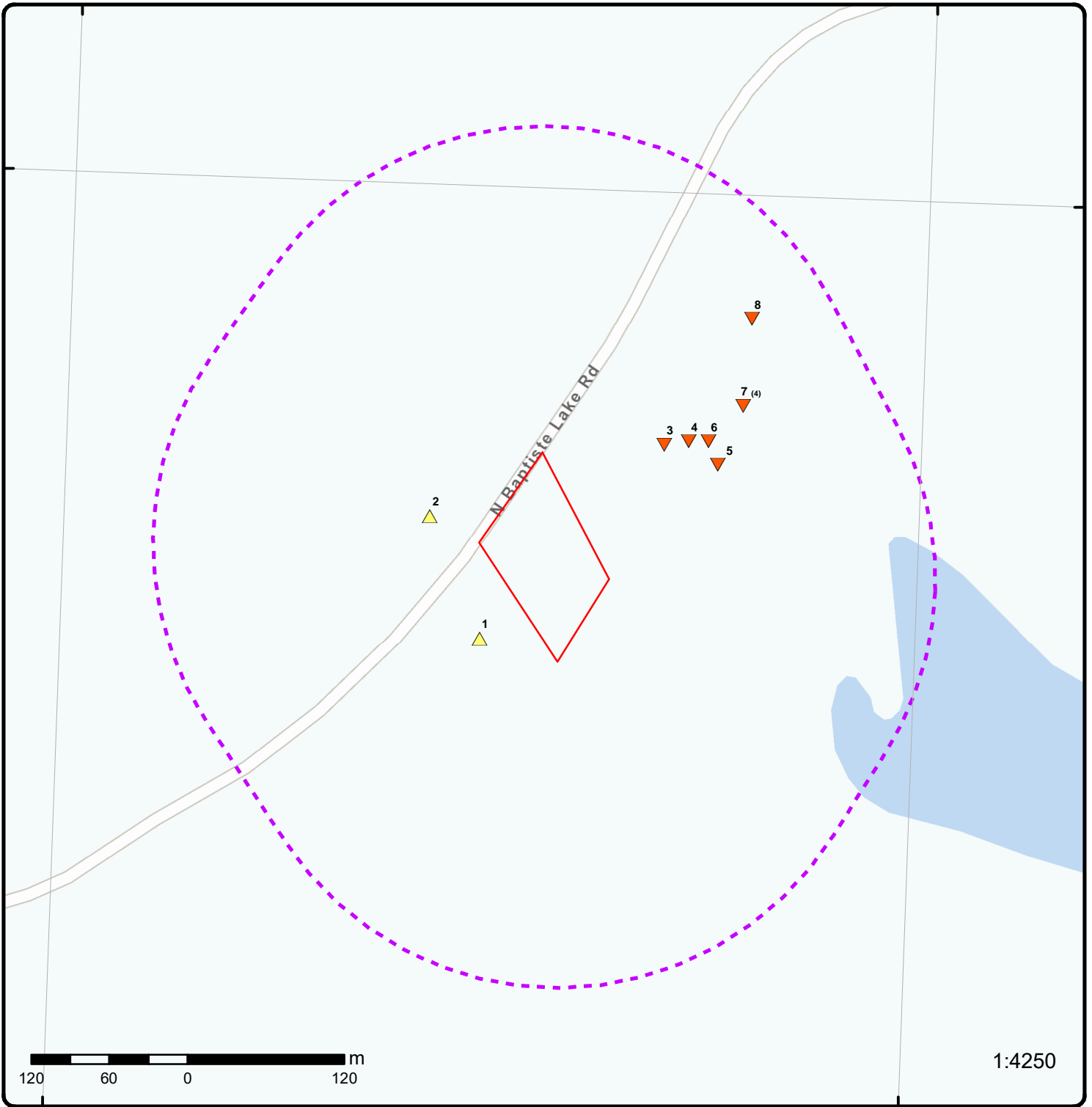
A search of the WDSH database, dated Up to Oct 1990* has found that there are 1 WDSH site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	PT 3 10 HERSCHEL ON	85.4	<u>3</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	401 North Baptiste Lakek Rd MAYNOOTH ON <i>Well ID: 7302421</i>	40.0	<u>1</u>
	378 NORTH BAPTISTE LAKE ROAD lot 3 con 10 ON <i>Well ID: 7268327</i>	42.9	<u>2</u>
	353 NORTH BAPTISTE LAKE RD. lot 3 con 10 MAYNOOTH ON <i>Well ID: 7257208</i>	114.7	<u>5</u>
	353 NORTH BABPTISTE LAKE RD. lot 3 con 11 MAYNOOTH ON <i>Well ID: 7257209</i>	190.6	<u>8</u>



Map: 0.25 Kilometer Radius

Order Number: 24090400057

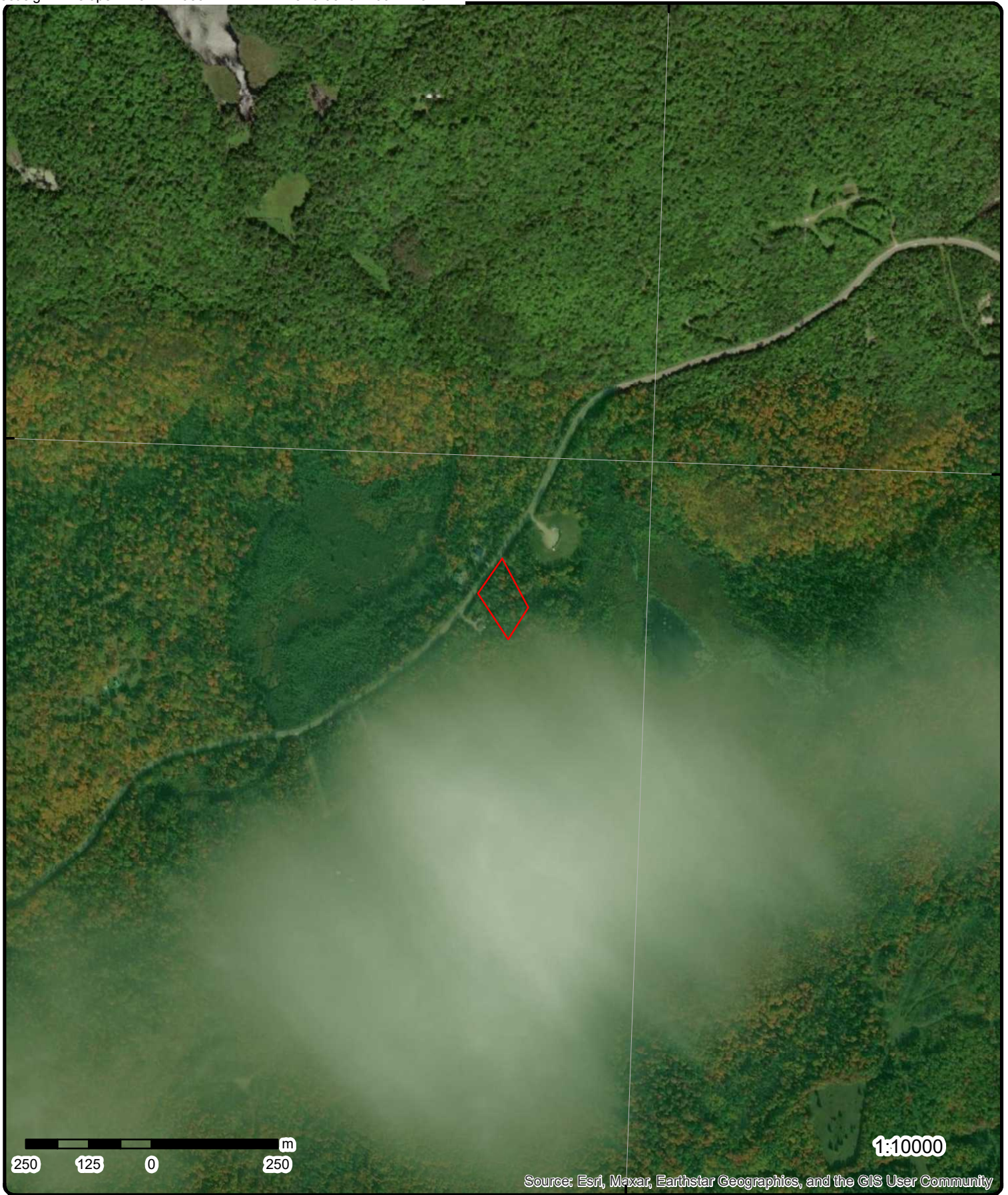
Address: 377 North Baptiste Lake Road, Hastings Highlands, ON



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

45°10'30"N

45°10'30"N



Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Aerial Year: 2023

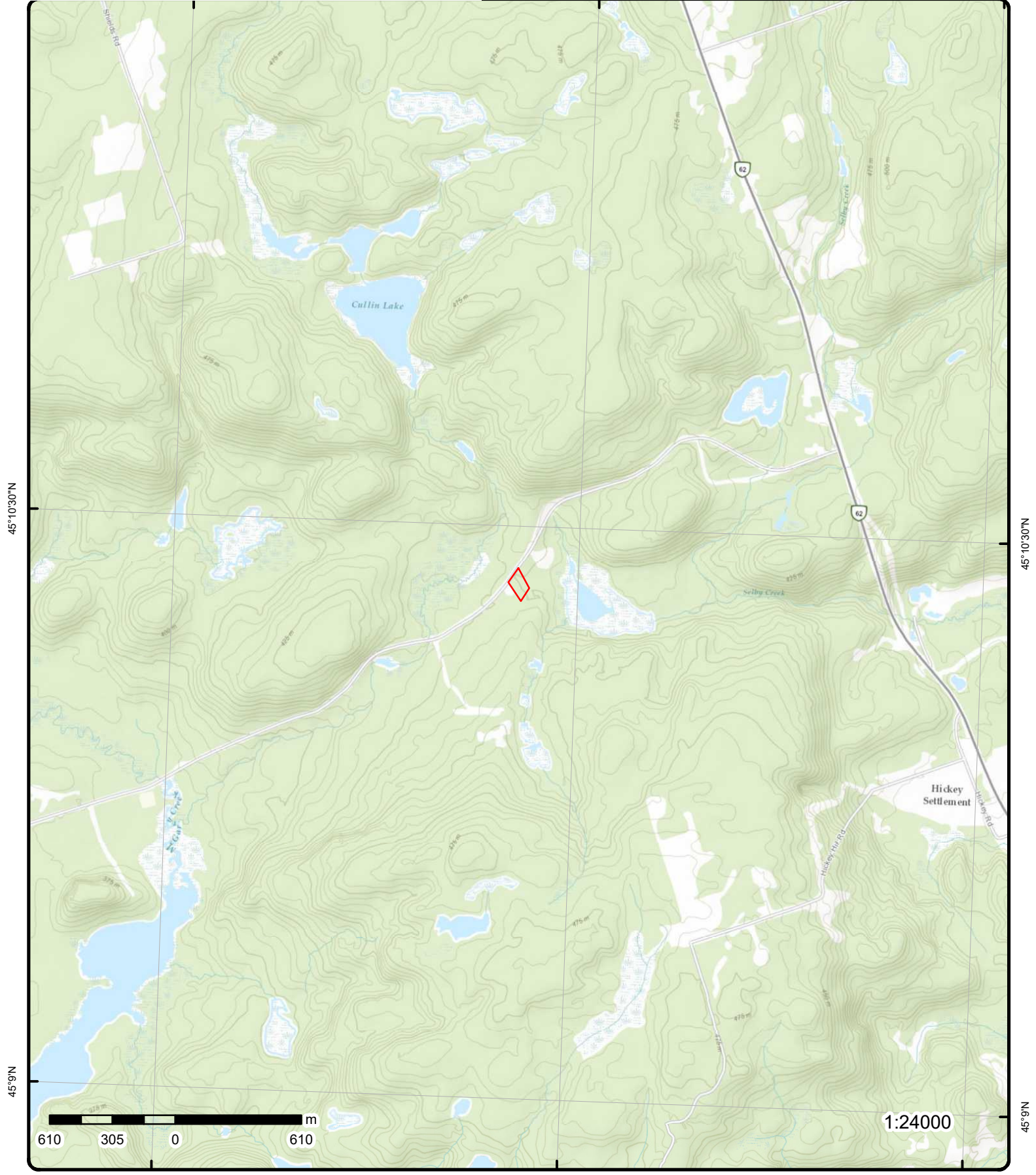
Order Number: 24090400057

Address: 377 North Baptiste Lake Road, Hastings Highlands, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

Address: 377 North Baptiste Lake Road, ON

Source: ESRI World Topographic Map

Order Number: 24090400057



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SW/40.0	401.0 / 1.06	401 North Baptiste Lakek Rd MAYNOOTH ON	WWIS

<p>Well ID: 7302421</p> <p>Construction Date:</p> <p>Use 1st: Domestic</p> <p>Use 2nd:</p> <p>Final Well Status: Water Supply</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No: Z266608</p> <p>Tag: A232388</p> <p>Constructn Method:</p> <p>Elevation (m):</p> <p>Elevatn Reliabilty:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Clear/Cloudy:</p> <p>Municipality: HERSCHEL TOWNSHIP</p> <p>Site Info:</p>	<p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Data Entry Status:</p> <p>Data Src:</p> <p>Date Received: 12/29/2017</p> <p>Selected Flag: TRUE</p> <p>Abandonment Rec:</p> <p>Contractor: 7052</p> <p>Form Version: 7</p> <p>Owner:</p> <p>County: HASTINGS</p> <p>Lot:</p> <p>Concession:</p> <p>Concession Name:</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p>
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/730\7302421.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/15/2017

Year Completed: 2017

Depth (m): 60.96

Latitude: 45.171878878495

Longitude: -77.929212609241

X: -77.92921245115576

Y: 45.171878874751904

Path: 730\7302421.pdf

Bore Hole Information

<p>Bore Hole ID: 1006933602</p> <p>DP2BR:</p> <p>Spatial Status:</p> <p>Code OB:</p> <p>Code OB Desc:</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 11/15/2017</p> <p>Remarks:</p> <p>Location Method Desc: on Water Well Record</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p>	<p>Elevation:</p> <p>Elevrc:</p> <p>Zone: 18</p> <p>East83: 269825.00</p> <p>North83: 5006219.00</p> <p>Org CS: UTM83</p> <p>UTMRC: 4</p> <p>UTMRC Desc: margin of error : 30 m - 100 m</p> <p>Location Method: wwr</p>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007932414			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		34			
Material 3 Desc:		TILL			
Formation Top Depth:		13.0			
Formation End Depth:		126.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007932412			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		01			
Material 3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		11.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007932413			
Layer:		2			
Color:		8			
General Color:		BLACK			
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:		03			
Material 2 Desc:		MUCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		11.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007932415			
Layer:		4			
Color:		7			
General Color:		RED			
Material 1:		21			
Material 1 Desc:		GRANITE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:					
Material 2 Desc:					
Material 3:		26			
Material 3 Desc:		ROCK			
Formation Top Depth:		126.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007934070			
Layer:		1			
Plug From:		0.0			
Plug To:		131.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007935341			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		Air Percussion			
<u>Pipe Information</u>					
Pipe ID:		1007931515			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007935793			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		131.0			
Depth To:		200.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1007935792			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		131.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		Inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1007937058			
Pump Set At:		90.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		17.0			
Final Level After Pumping:		90.0			
Recommended Pump Depth:		160.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		2			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937941			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		49.400001525878906			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937946			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937949			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937957			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		31.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937942			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		56.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937954			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		69.0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937951				
Test Type:	Recovery				
Test Duration:	1				
Test Level:	80.5				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937952				
Test Type:	Recovery				
Test Duration:	2				
Test Level:	78.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937953				
Test Type:	Recovery				
Test Duration:	3				
Test Level:	72.30000305175781				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937938				
Test Type:	Draw Down				
Test Duration:	1				
Test Level:	26.799999237060547				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937943				
Test Type:	Draw Down				
Test Duration:	10				
Test Level:	85.30000305175781				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937944				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	90.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1007937950				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	90.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Pump Test Detail ID:		1007937955			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		66.30000305175781			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937956			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		42.70000076293945			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937958			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		26.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937962			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		18.399999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937939			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		37.29999923706055			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937960			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		20.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937961			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		19.200000762939453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937945			
Test Type:		Draw Down			
Test Duration:		20			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937948			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937959			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		22.299999237060547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937947			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007937940			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		43.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1007936522			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		193.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1007934622			
Diameter:		9.0			
Depth From:		0.0			
Depth To:		131.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		Inch			
<u>Hole Diameter</u>					
Hole ID:		1007934623			
Diameter:		6.0			
Depth From:		131.0			
Depth To:		200.0			
Hole Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		Inch			

[2](#) 1 of 1 WNW/42.9 400.0 / 0.06 378 NORTH BAPTISTE LAKE ROAD lot 3 con 10 ON WWIS

Well ID:	7268327	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	
Final Well Status:	Water Supply	Date Received:	08/10/2016
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z236381	Contractor:	3651
Tag:	A172311	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	HASTINGS
Elevatn Reliability:		Lot:	003
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:	HERSCHEL TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7268327.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/29/2016
Year Completed: 2016
Depth (m): 67.056
Latitude: 45.1727115278279
Longitude: -77.9297389276431
X: -77.92973877023941
Y: 45.17271152469428
Path: 726\7268327.pdf

Bore Hole Information

Bore Hole ID:	1006196828	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	269787.00
Code OB Desc:		North83:	5006313.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	07/29/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 1006199084

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:		7			
General Color:		RED			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		187.0			
Formation End Depth:		220.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006199083			
Layer:		3			
Color:		7			
General Color:		RED			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:					
Material 2 Desc:					
Material 3:		85			
Material 3 Desc:		SOFT			
Formation Top Depth:		142.0			
Formation End Depth:		187.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006199081			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006199082			
Layer:		2			
Color:		7			
General Color:		RED			
Material 1:		21			
Material 1 Desc:		GRANITE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		55.0			
Formation End Depth:		142.0			
Formation End Depth UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006199120			
Layer:		2			
Plug From:		0.0			
Plug To:		62.0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006199119			
Layer:		1			
Plug From:		0.0			
Plug To:		62.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006199118			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006199079			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006199089			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2.0			
Depth To:		62.0			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006199090			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pumping Test Method Desc:</i>					
<i>Pump Test ID:</i>		1006199080			
<i>Pump Set At:</i>		210.0			
<i>Static Level:</i>		9.75			
<i>Final Level After Pumping:</i>		93.66699981689453			
<i>Recommended Pump Depth:</i>		210.0			
<i>Pumping Rate:</i>		3.5			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		3.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		No			
 <i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1006199101			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		27.08300018310547			
<i>Test Level UOM:</i>		ft			
 <i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1006199105			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		41.58300018310547			
<i>Test Level UOM:</i>		ft			
 <i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1006199111			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		67.75			
<i>Test Level UOM:</i>		ft			
 <i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1006199114			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		62.75			
<i>Test Level UOM:</i>		ft			
 <i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1006199115			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		93.66699981689453			
<i>Test Level UOM:</i>		ft			
 <i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1006199092			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Test Type:		Recovery			
Test Duration:		1			
Test Level:		91.33300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199096			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		89.33300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199103			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		34.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199107			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		48.16699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199094			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		89.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199091			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		12.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199093			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199095			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		15.583000183105469			
Test Level UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199109			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		54.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199113			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		80.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199100			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		88.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199102			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		85.33300018310547			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199097			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		17.16699981689453			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199106			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		79.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006199108			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		76.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pump Test Detail ID:</i>		1006199110			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		73.33300018310547			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006199112			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		68.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006199116			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		56.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006199098			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		88.66699981689453			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006199099			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		19.0			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006199104			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		82.25			
<i>Test Level UOM:</i>		ft			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1006199088			
<i>Layer:</i>		2			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		187.0			
<i>Water Found Depth UOM:</i>		ft			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1006199087			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		Untested			
Water Found Depth:		142.0			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006199086			
Diameter:		5.875			
Depth From:		62.0			
Depth To:		220.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006199085			
Diameter:		10.0			
Depth From:		0.0			
Depth To:		62.0			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>3</u>	1 of 1	NE/85.4	398.6 / -1.30	PT 3 10 HERSCHEL ON	WDSH
Site No.:		A361603			
Region:		SOUTHEAST			
County:		HASTINGS			
Concession:		10			
Lot:		PT 3			
Easting:		269960			
Northing:		5006150			
Zone:		18			
Date Closed:		n/a			
Status:		ACTIVE			
Classification:		B4 - POTENTIAL ENVIRONMENT IMPACT-RURAL MUNICIPAL/DOMESTIC WASTE			
%CommercialWste:		5			
%DomesticWste Rec:		92			
%LiquidWste Rec:		0			
%HazardousWste Rec:		0			
%Non-haz.Wste Rec:		0			
%Sewage/Sludge Rec:		0			
%Other Wste Rec:		3			
<u>4</u>	1 of 1	ENE/103.3	398.6 / -1.30	Hickey Settlement Dump (official) Maynooth ON K0L 2S0	ANDR
Legal Description:		Herschel Con 10 Lot 3 pt			
Location Description:		wooded site, 50m S of road between McGarry Flats & Highway 127			
Municipality:		Herschel Township			
Current Municipality:		Herschel Township			
RM:		Hastings County			
Facility:		Dump			
Date Active:		1969-90			
Date Begun:					
Date Complete:					
Area (Ha):		0.75			
Landfill Type:					
Group Name:		Selby Creek			
Operated By:					
Serial:		MOEE a361603			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NTS:		31F04			
Diameter (m):		100			
Historical Summary:					
Hickey Settlement Dump (official) MOEE 1994 Herschel Con 10 Lot 3 pt cited as an active waste disposal site in 1990, 92% domestic, 5% commercial, 3% other wastes (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093). 1975 NTS Map 31F04 Dump marked, 75m x 100m, wooded site, 50m S of road between McGarry Flats & Highway 127 [1975 NTS 1:50,000 Map Bancroft ON Sheet 31F04 edition 3 (air photos 1969, culture check 1972, Published 1975)].					
Waste Type:					
UTM X Nad 27:		269960			
UTM Y Nad 27:		5006150			
UTM Zone:		18			

<u>5</u>	1 of 1	ENE/114.7	397.1 / -2.83	353 NORTH BAPTISTE LAKE RD. lot 3 con 10 MAYNOOTH ON	WWIS
Well ID:	7257208			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring and Test Hole			Data Entry Status:	
Use 2nd:	0			Data Src:	
Final Well Status:	Observation Wells			Date Received:	02/02/2016
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z227758			Contractor:	7085
Tag:	A163242			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	HASTINGS
Elevatn Reliability:				Lot:	003
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:	HERSCHEL TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7257208.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/06/2016
Year Completed:	2016
Depth (m):	6.1
Latitude:	45.1731342135977
Longitude:	-77.9269480925664
X:	-77.9269479354935
Y:	45.173134211031275
Path:	725\7257208.pdf

Bore Hole Information

Bore Hole ID:	1005877651	Elevation:	
DP2BR:		Eleivr:	
Spatial Status:		Zone:	18
Code OB:		East83:	270008.00
Code OB Desc:		North83:	5006352.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	01/06/2016	UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Remarks:
Location Method Desc: on Water Well Record
Location Method: WWT
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1005964846
Layer: 2
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 06
Material 2 Desc: SILT
Material 3: 91
Material 3 Desc: WATER-BEARING
Formation Top Depth: 2.440000057220459
Formation End Depth: 6.099999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005964845
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2:
Material 2 Desc:
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 2.440000057220459
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005964855
Layer: 1
Plug From: 0.0
Plug To: 2.430000066757202
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005964856
Layer: 2
Plug From: 2.430000066757202
Plug To: 6.099999904632568
Plug Depth UOM: m

Method of Construction & Well

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Use</u>					
<i>Method Construction ID:</i>		1005964854			
<i>Method Construction Code:</i>		6			
<i>Method Construction:</i>		Boring			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		1005964843			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005964849			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.6100000143051147			
<i>Depth To:</i>		0.6100000143051147			
<i>Casing Diameter:</i>		10.15999984741211			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005964850			
<i>Layer:</i>		2			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		-0.6100000143051147			
<i>Depth To:</i>		3.049999952316284			
<i>Casing Diameter:</i>		5.079999923706055			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005964851			
<i>Layer:</i>		1			
<i>Slot:</i>		.10			
<i>Screen Top Depth:</i>		3.049999952316284			
<i>Screen End Depth:</i>		6.099999904632568			
<i>Screen Material:</i>		5			
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>		6.03000020980835			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>					
<i>Pump Test ID:</i>		1005964844			
<i>Pump Set At:</i>					
<i>Static Level:</i>		0.6100000143051147			
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rate UOM:		LPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		1005964848			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		22.0			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005964847			
Diameter:		21.59000015258789			
Depth From:		0.0			
Depth To:		6.099999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

6 1 of 1 **ENE/116.5** **397.1 / -2.83** **Hickey Settlement Dump 1979** **ANDR**
Maynooth ON K0L 2S0

Legal Description: Herschel Con 10 Lot 3 pt
Location Description: 50m SE of road to McGary Flats, adj. Selby Ck trib.,
Municipality: Herschel Township
Current Municipality: Herschel Township
RM: Hastings County
Facility: Dump
Date Active: 1979
Date Begun:
Date Complete:
Area (Ha): 0.75
Landfill Type: Sanitary landfill
Group Name: Selby Creek
Operated By:
Serial: MOEE a361603 1979
NTS: 31F04
Diameter (m): 100

Historical Summary:

Hickey Settlement Dump 1979 1984 NTS Map 31F04 Dump marked, 100m x 75m, 50m SE of road to McGary Flats, adj. Selby Ck trib., [1984 NTS 1: 50,000 Map Bancroft ON Sheet 31F04 Edition 4 (Air photos 1979, culture check 1981, publication 1984)].

Waste Type:
UTM X Nad 27: 269975
UTM Y Nad 27: 5006150
UTM Zone: 18

7 1 of 4 **ENE/153.0** **396.4 / -3.58** **North Baptiste Waste Disposal Site** **LIMO**
353 North Baptiste Lake Road
Hastings Highlands ON

ECA/Instrument No: A361603 **Natural Attenuation:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Operation Status: C of A Issue Date: C of A Issued to: Lndfl Gas Mgmt (P): Lndfl Gas Mgmt (F): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt Sys: Landfill Gas Mntr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Surf Wtr Mntr: Air Emis Monitor: Approved Waste Type: Client Site Name: ERC Methodology: Site Name: Site Location Details: Service Area: Page URL:	Open			Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfl Gas: Lndfl Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Apprv Cap Unit: Financial Assurance: Last Report Year: Region: District Office: Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source:	Eastern Belleville	
		North Baptiste Waste Disposal Site				

7	2 of 4	ENE/153.0	396.4 / -3.58	The Corporation of the Municipality of Hastings Highlands 353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	WDS		
Approval No: Mob Unit Cert No: EBR Registry No: Status: Facility Type: Record Type: Link Source: Project Type: Application Status: Issue Date: 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: Site Lot:	A361603	Revoked and/or Replaced	ECA IDS WASTE DISPOSAL SITES	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: MOE District: District Office: Latitude: Longitude: Geometry X: Geometry Y:		ECA-WASTE DISPOSAL SITES	353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p> 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/2473-AETQAK-14.pdf PDF Site Location: </p>					
7	3 of 4	ENE/153.0	396.4 / -3.58	The Corporation of the Municipality of Hastings Highlands 353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	WDS
<p> Approval No: A361603 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: 2020-01-30 Input Date: Date Received: Est Closure Date: Mobile Capacity: Mobile Units: Mobile Description: Prop City: Prop Postal: Prop Phone: Serial Link: Approval Type: ECA-WASTE DISPOSAL SITES Proponent: Prop Address: Proponent County/District: Full Address: 353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) 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: </p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>7</u>	4 of 4	ENE/153.0	396.4 / -3.58	The Corporation of the Municipality of Hastings Highlands 353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) Hastings Highlands ON K0L 2S0	WDS
Approval No: A361603 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: 2020-01-30 Input Date: Date Received: Est Closure Date: Mobile Capacity: Mobile Units: Mobile Description: Prop City: Prop Postal: Prop Phone: Serial Link: Approval Type: ECA-WASTE DISPOSAL SITES Proponent: Prop Address: Proponent County/District: Full Address: 353 North Baptiste Rd (Lot 3, Concession 10, former Herschel Township) 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/5185-BAURUG-14.pdf 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: SWP Area Name: MOE District: District Office: Latitude: Longitude: Geometry X: Geometry Y:			

<u>8</u>	1 of 1	NE/190.6	395.6 / -4.34	353 NORTH BABPTISTE LAKE RD. lot 3 con 11 MAYNOOTH ON	WWIS
Well ID: 7257209 Construction Date: Use 1st: Monitoring and Test Hole Use 2nd: 0 Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z227759 Tag: A163243 Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth:		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: 02/02/2016 Selected Flag: TRUE Abandonment Rec: Contractor: 7085 Form Version: 7 Owner: County: HASTINGS Lot: 003 Concession: 11 Concession Name: CON			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HERSCHEL TOWNSHIP			
Site Info:					
PDF URL (Map):				https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7257209.pdf	

Additional Detail(s) (Map)

Well Completed Date: 01/06/2016
Year Completed: 2016
Depth (m): 3.05
Latitude: 45.1741495570792
Longitude: -77.9266692571073
X: -77.92666909932589
Y: 45.17414955422475
Path: 725\7257209.pdf

Bore Hole Information

Bore Hole ID:	1005877654	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	270034.00
Code OB Desc:		North83:	5006464.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	01/06/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 1005964860
Layer: 2
Color: 6
General Color: BROWN
Material 1: 10
Material 1 Desc: COARSE SAND
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 1.6699999570846558
Formation End Depth: 3.049999952316284
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1005964859
Layer: 1
Color: 6

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		BROWN			
Material 1:		04			
Material 1 Desc:		PEAT			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.6699999570846558			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005964869			
Layer:		1			
Plug From:		0.0			
Plug To:		0.9100000262260437			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005964870			
Layer:		2			
Plug From:		0.9100000262260437			
Plug To:		3.049999952316284			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005964868			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005964857			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005964864			
Layer:		2			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		-0.6100000143051147			
Depth To:		1.5199999809265137			
Casing Diameter:		5.079999923706055			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1005964863			
Layer:		1			
Material:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Open Hole or Material:					
Depth From:		STEEL			
Depth To:		-0.6100000143051147			
Casing Diameter:		0.6100000143051147			
Casing Diameter UOM:		10.15999984741211			
Casing Depth UOM:		cm			
		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005964865			
Layer:		1			
Slot:		.10			
Screen Top Depth:		1.519999809265137			
Screen End Depth:		3.049999952316284			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03000020980835			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1005964858			
Pump Set At:					
Static Level:		0.46000000834465027			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		1005964862			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		0.9100000262260437			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005964861			
Diameter:		21.59000015258789			
Depth From:		0.0			
Depth To:		3.049999952316284			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
EBR	The Corporation of the Township of Herschel	Part of lot 3, Concession 10 HERSCHEL	ON	

Unplottable Report

Site: *The Corporation of the Township of Herschel
Part of lot 3, Concession 10 HERSCHEL ON*

Database:
[EBR](#)

EBR Registry No:	IA6E1733	Decision Posted:	
Ministry Ref No:	27875	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	August 09, 2001	Act 2:	
Proposal Date:	December 03, 1996	Site Location Map:	
Year:	1996		
Instrument Type:	(EPA s. 27) - Approval for a waste disposal site.		
Off Instrument Name:			
Posted By:			
Company Name:	The Corporation of the Township of Herschel		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	R.R. #2, Bancroft Ontario, K0L 1C0		
Comment Period:			
URL:			

Site Location Details:

Part of lot 3, Concession 10 HERSCHEL

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -May 2024

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-May 2024

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - July 31, 2024

Drill Hole Database:Provincial **DRL**

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:Provincial **DTNK**

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

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:Provincial **EASR**

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

Government Publication Date: Oct 2011-Jul 31, 2024

Environmental Registry:Provincial **EBR**

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

Government Publication Date: 1994 - July 31, 2024

Environmental Compliance Approval:Provincial **ECA**

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

Government Publication Date: Oct 2011-Jul 31, 2024

Environmental Effects Monitoring:Federal **EEM**

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:Private **EHS**

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

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System:Federal **EIIS**

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:Provincial **EMHE**

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

Government Publication Date: Apr 30, 2022**Environmental Penalty Annual Report:**Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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, 2023**List of Expired Fuels Safety Facilities:**Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023**Federal Convictions:**Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007***Contaminated Sites on Federal Land:**Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Jun 2024**Fisheries & Oceans Fuel Tanks:**Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019**Federal Identification Registry for Storage Tank Systems (FIRSTS):**Federal **FRST**

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

Government Publication Date: Oct 31, 2021**Fuel Storage Tank:**Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2022

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

[NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

[NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

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

Federal

NPCB

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

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

Federal

NPR2

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

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

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

OGWE

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

Government Publication Date: 1988-May 31, 2024**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994 - July 31, 2024

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011-Jul 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing is 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

Potential PFAS Handlers from EASR:

Provincial

PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

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 - July 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Mar 2024; May 2024

Wastewater Discharger Registration Database:

Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal TCFT

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 2011-Jul 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix F
Freedom of Information



Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

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

Fields marked with an asterisk (*) are mandatory.

Are you: *

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) *

1900/01/01

To (yyyy/mm/dd) *

2024/09/04

Type of Record(s) *

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

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

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

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

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

Other Specific Document(s)

Type of Approval/Registration *

- Drinking Water Licenses
- No Supporting Documents All Supporting Documents Some Supporting Documents
- Pesticide Licenses

No Supporting Documents All Supporting Documents Some Supporting Documents

Permits to Take Water

No Supporting Documents All Supporting Documents Some Supporting Documents

Water Source *

Groundwater Surface Water

Noise Vibrations Approvals/Registrations

No Supporting Documents All Supporting Documents Some Supporting Documents

Air Emissions Approvals/Registrations

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

Waste Water - Industrial discharge

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

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

No Supporting Documents All Supporting Documents Some Supporting Documents

Company Name

Waste Generator Registration - number/class

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

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

Section 2 – Requester Information

Last Name * First Name * Middle Initial

Business/Organization Name (if applicable or indicate "N/A") *

Project/Reference Number (if applicable)

Are you submitting this request on behalf of a client? *
 Yes No

Mailing Address

Unit Number Street Number * Street Name *

PO Box City/Town * Province * Postal Code *

Telephone Number * ext. Email Address *

Is there an alternate contact (e.g. office admin)? *
 Yes No

Alternate Contact

Last Name * First Name *

Telephone Number * ext. Email Address *

Section 3 – Current Property Address Information

Is the property a:
 Park Lake First Nation Band Wind Farm Federal Land Island Unsurveyed Land

Are you requesting information about multiple addresses? *
 Yes No

Property Address

Unit Number Street Number Street Name

Full Lot Number Concession Geographic Township

City/Town/Village *

Closest Intersection

Section 4 – Previous Property Address Information

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

Yes No

Section 5 – Owner Information

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

Current Property Owner/Tenant

377 North Baptiste Lake Road
Maynooth (Hastings Highlands)

Owner Name

N/A

Date of Ownership (yyyy/mm/dd)

Tenant Name

Section 6 – Supporting Documents

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

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

1. File Name

Total File Size

Payment confirmation number: 30329811

**Ministry of the Environment,
Conservation and Parks**

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

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

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



September 18, 2024

Ms. Candice VanNorman
Cambium Inc
31 Hyperion Court, Suite 102
Kingston, Ontario K7K 7G3
candice.vannorman@cambium-inc.com

Dear Candice VanNorman:

RE: MECP FOI A-2024-05859, Your Reference 21323-001 – Decision Letter

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

377 North Baptiste Lake Road, Maynooth (Hastings Highlands)
Timeframe: January 1st, 1900 to September 4th, 2024

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

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

If you have any questions, please contact Roxanne Chambers at 807-456-3035 or roxanne.chambers@ontario.ca.

Yours truly,

Roxanne Chambers

for

Josephine DeSouza
Manager, Access and Privacy Office



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix G
Aerial Photo Summary



Year	Source	Notes
1945	NAPL	The Site and surrounding properties were woodland. North Baptiste Lake Road was visible to the north.
1962	NAPL	No significant changes to the Site or surrounding properties since 1945 were evident.
1971	NAPL	Ground disturbance was evident northeast of the Site, consistent with a former landfill at this location.
1993	NAPL	No significant changes to the Site or surrounding properties since 1971 were evident.
2008	DRAPE	Tree clearing was evident to the west of the Site. A small structure was visible to the north, across North Baptiste Lake Road. The waste transfer station was visible to the northeast of the Site.
2013	Google	No significant changes to the Site or surrounding properties since 2008 were evident.
2019	Google	A structure was visible to the west of the Site. Changes to the layout and site grading of the waste transfer station to the northeast were visible.
2023	ESRI	Additional residential structures were visible to the north, across North Baptiste Lake Road.

Google – Google Earth Pro

NAPL – National Air Photo Library

DRAPE – Digital Raster Acquisition Project Eastern Ontario

ESRI – Environmental Systems Research Institute



Phase One Environmental Site Assessment - 377 North Baptiste Lake Road, Maynooth, Ontario
Kurt Marescaux
Cambium Reference: 21323-001
January 21, 2025

Appendix H

Photographs



Photo 1 Entrance to Site facing northwest, September 2024.



Photo 2 View of Site facing east, September 2024.



Photo 3 View of Site facing southwest, September 2024.



Photo 4 View of forested portion of Site, September 2024.



Photo 5 View of neighbouring property to the north, 378 North Baptiste Lake Road, September 2024.



Photo 6 View of neighbouring property to the west, 401 North Baptiste Lake Road, September 2024



Photo 7 Entrance to Waste Transfer Station to the east, September 2024.