



Natural Heritage Records Review for a Proposed Anaerobic Digester at the Petawawa Waste Water Facility

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Prepared for:
The Town of Petawawa

In Association With:
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1.0 Introduction

The Town of Petawawa is pursuing a Renewable Energy Approval (REA) to construct and operate an anaerobic digester at the Petawawa Waste Water Facility. Figure 1 provides a key map of the Petawawa Waste Water Facility (the Project Location). A streamlined process is in place to coordinate legislative requirements set out by various ministries under the *Green Energy Act*. Applicants must meet the requirements outlined in *Ontario Regulation 359/09* (i.e. the REA Regulation) under the *Environmental Protection Act* to receive an REA.

The REA process addresses natural heritage protection for renewable energy projects on private land and provincial Crown land in Ontario. Following the REA Regulation, the proposed bioenergy facility (i.e. anaerobic digester) is a renewable energy project that requires a Natural Heritage Assessment (NHA). Figure 2 provides an overview of the NHA process. Cambium Inc. (Cambium) has been retained to carry out the NHA for the Petawawa Waste Water Facility.

The purpose of the records review is for applicants to gather information about the area in which the project is proposed, identify natural features and make a preliminary determination about site feasibility (MNR, 2012). Applicants are required to identify specified natural features at or near their proposed Project Location under Part IV, Section 25 of the REA Regulation. As the initial step in the NHA process, this Records Review Report provides;

- A description of all records reviewed;
- Relevant supporting metadata, including the date of the information;
- List of organizations contacted;
- States if the proposed Project Location is in a natural feature, within 50 m of an ANSI (earth science), or within 120 m of a specified natural feature in the REA Regulation that is not an ANSI (earth science); and
- States if the proposed Project Location is in a provincial park or conservation reserve or within 120 metres of these features; and



- If the project is proposed within a provincial park or conservation reserve, provide evidence that the project is permitted under Section 19 of the *Provincial Parks and Conservation Reserves Act, 2006*.

1.1 Project Location

The Petawawa Waste Water Treatment Facility is located at 560 Abbie Lane, Petawawa, Ontario. The anaerobic digester is proposed to be located within the existing developed lands of the Petawawa Waste Water Treatment Facility. The facility is located entirely on privately owned lands. The local municipality is the Town of Petawawa, and the upper-tier municipality is the County of Renfrew.

The Project Location, situated in Petawawa, is located entirely outside of;

- The jurisdiction of a Conservation Authority, local roads board and local services board;
- The Oak Ridges Moraine Conservation Plan Area;
- The Niagara Escarpment;
- The Growth Plan for the Greater Golden Horseshoe, and
- The Natural Heritage System of the Greenbelt Plan's Protected Country Side.

1.2 Description of the Proposed Renewable Energy Development

The Town of Petawawa has proposed to develop an anaerobic digester within the existing Waste Water Facility. The footprint of the proposed anaerobic digester and associated infrastructure is entirely within the existing fenced compound for the Waste Water Facility. The Natural Heritage Assessment for Renewable Energy Projects (NHAG) (MNR, 2012) defines the "project location" as "*when used in relation to a renewable energy project, a part of land and all or part of any building or structure in, on or over which a person is engaging in or proposes to engage in the project and any air space in which a person is engaging in or proposes to engage in the project.*" Figure 1 depicts the boundary of the Project Location.



2.0 Methodology

The records review was completed following Section 2.3 and Section 4.0 of the NHAG (MNR, 2012). The “project location” measurement was taken from its outer limit to the boundaries of natural features and waterbodies. The outer limit of the Project Location includes all lands in which construction, installation, use, operation, maintenance, changing or retiring of the renewable energy generation facility. The out limit includes where site preparation and construction activities (i.e. vegetation removal) will occur and where infrastructure will be installed, operated and decommissioned. Thus, the record review process was completed using the outer limit of the Project Location along a horizontal plane to the boundary of a natural feature.

All records referenced in Table 6 of the NHAG were searched as a part of this records review. Provincial and federal data sets were reviewed to prepare this report. A description of all records reviewed is provided in the References section of this report. The description includes the title of datasets, data layers and map titles. Metadata for the Land Inventory Ontario (LIO) spatial data set is provided in Appendix A. A Geographic Information System (GIS) was used to perform the records review. Where required, records were reviewed outside of the GIS. Records were collected and analyzed from LIO, the Natural Heritage Information Centre (NHIC), and other databases. The NHIC was contacted to obtain additional information on their natural heritage records. Correspondence with NHIC is not included in this report to maintain the confidentiality of sensitive data. The correspondence can be shared with the MNRF upon request.



3.0 Natural Features and Prohibitions on Development

The REA Regulation defines development prohibitions within and near specified natural features. Development prohibitions are outlined in Part V, Sections 37, 38, 41, 42, and 43 of the REA Regulation. The Project Location, situated in Petawawa, is located entirely outside of the Oak Ridges Moraine Conservation Plan Area and the Natural Heritage System of the Greenbelt Plan's Protected Country Side. Thus, this project is not subject to additional development prohibitions in Provincial Plan Areas (MNR, 2012) stipulated by Sections 41, 42, and 43 of the REA Regulations.



4.0 Results

The records review included the lands within 1000 metres of the Project Location as per the recommendation in the NHAG (MNR, 2012).

4.1 Records Results for Natural Features and Water Bodies

The Petawawa Waste Water Treatment Facility is located at 560 Abbie Lane, Petawawa, Ontario. The facility includes a fenced area of 2.5 hectares with buildings and infrastructure located within a cleared area. The fence forms the physical boundary of the Project Location. Lands within the fence are maintained lawn. Woodlands surround the fenced area.

Specified natural heritage features listed in the REA Regulation are not present within the boundaries of the Project Location.

The natural features located within 120 of the Project Location boundary include (NHIC, 2021): wetlands (nearest is ~80 m), a watercourse (10 m), and woodlands (immediately adjacent). In addition, the Ottawa River (Allumette Lake) is located 220 metres east of the Project Location. The NHIC search for the 1 km² atlas square 18UR2585 encompassing the site included the following records; Petawawa Terrace Area of Natural and Scientific Interest (ANSI, Life Science), Petawawa Provincial Park (Nature Class Reserve), Houghton's Flatsedge (*Cyperus houghtonii*, G4/S3), Lake Sturgeon (*Acipenser fulvescens*, Threatened), Northern Map Turtle (*Graptemys geographica*, Special Concern) and a Restricted Species (Personal correspondence, NHIC, 2021-05-27). Table 1 provides a summary of the natural features and waterbodies records review.



Table 1 Summary of Natural Features and Waterbodies

Natural Feature Record Type	Project Location Within Natural Feature Boundary (Yes/No)	Project Location Within 50 m of Natural Feature Boundary (Yes/No)	Project Location Within 120 m of Natural Feature Boundary (Yes/No)	Project Location Within 1000 m of Natural Feature Boundary (Yes/No)
Savannahs / Sand Barrens / Tallgrass Prairie / Alvars ¹	No	No	No	No
Area of Natural and Scientific Interest (Earth Science)	No	No	No	No
Area of Natural and Scientific Interest (Life Science)	No	No	No	Petawawa Terrace (Life Science ANSI)
Provincially Significant Coastal Wetland (swamp, marsh, bog, fen)	No	No	No	No
Provincially Significant Northern Wetland (swamp, marsh, bog, fen)	No	No	No	No
Provincial Parks or Conservation Reserve	No	No	No	Petawawa Terrace Provincial Park (Nature Class Reserve)
Significant Wildlife Habitat (Potential or Confirmed)	No	Seasonal Concentration of Animals—Deer Wintering Area ²	Seasonal Concentration of Animals—Deer Wintering Area	Seasonal Concentration of Animals—Deer Wintering Area
Significant Woodland ³	No	No	No	No
Water Body (lake, permanent stream, an intermittent stream and a seepage area)	No	Yes-Unnamed Watercourse [a cold water Tributary of the Ottawa River/ Allumette Lake]	No additional records	Petawawa River and the Ottawa River / Allumette Lake

4.1.1 Savannahs / Sand Barrens / Tallgrass Prairie / Alvars

The records review did not yield records for the presence of savannahs, sand barrens, tallgrass prairies or alvars. The project location is not within the Greenbelt or Oak Ridges



Moraine Plan areas, so Sections 41, 42, 43, 44, 45, and 46 of the REA Regulation do not apply to this renewable energy project.

4.1.2 Area of Natural and Scientific Interest Earth Science and Life Science

The records review yielded a record for the Petawawa Terrace (Life Science ANSI), located approximately 475 m south of the Project Location. There are no Earth Science or Life Science ANSI at or within 120 m of the Project Location.

4.1.3 Provincially Significant Wetlands

The records review did not yield data for Provincially Significant Wetlands, Coastal or Northern, at or within 1000 metres of the Project Location. There are no records of any wetlands at the Project Location. A record of a local wetland is present approximately 80 metres north of the Project Location.

4.1.4 Provincial Parks and Conservation Reserves

The records review did not yield any records of a Provincial Park or a Conservation Reserve at or within 120 metres of the Project Location. However, Petawawa Terrace Provincial Park (Nature Class Reserve) is located approximately 475 metres south of the Project Location.

4.1.5 Significant Wildlife Habitat

Habitat of species of conservation concern (i.e. Special Concern and Rare species) is considered Significant Wildlife Habitat (SWH) (MNR, 2014). Special Concern and Rare (S1,

¹ The Specified Natural Features and Waterbodies listed in Sections 41 and 42 of the Regulations do not apply to this project. The Project Location is completely outside of the the Oak Ridges Moraine Plan Area and the Greenbelt Plan's Natural Heritage System.

² The Waste Water Facility is a manicured lawn and infrastructure which is entirely fenced. The fenced area is not accessible to deer and is not considered a deer wintering area. It is not known if the lands outside of the fenced area possess the biophysical attributes suitable for deer wintering.

³ In accordance with the Guide (MNR, 2012), some development prohibitions vary in different areas of the province. Significant woodlands have development prohibitions only on lands that are located south and east of the Canadian Shield. The development prohibition for significant woodlands does not apply because the site is located in EcoDistrict 5E-10 which is within the Canadian Shield.



S2, S3) plant and animal species or communities represent a very broad group. The following records represent candidate SWH;

- **Northern Map Turtle:** This record is from a 1 km² area from the NHIC Make-a-Map (grid square 18UR2585) (NHIC, 2021). Cambium undertook a site investigation on April 6, 2021. The watercourse and wetlands on site are not suitable for the life processes of turtles. The Map Turtle record was likely from the Ottawa River. Therefore, potential Significant Wildlife Habitat for this Special Concern species not anticipated to be located on or within 120 metres of the Project Location.
- ***Cyperus houghtonii*** (Rare, S3). This record is from a 1 km² area from the NHIC Make-a-Map (grid square 18UR2585) (NHIC, 2021). The Canadian Museum of Nature record, catalogue number CAN 521834, states this species was observed July 1, 1987, at latitude 45.9, longitude -77.25. These coordinates would place this species record along the fenceline in the southern portion of the Project Location. The record states the species was observed at Petawawa Point on the Ottawa River, and the site notes describe the habitat as a “sandy beach”. The location and the description do not appear to align. The “sandy beach” habitat description is likely more accurate than the spatial location assigned to the species observation. Sandy soils on the west side of the Project Location and within 120 metres may provide suitable conditions for *Cyperus houghtonii*.
- **Deer Wintering Area:** Schedule B, Map 4 from the County of Renfrew Official Plan identifies deer wintering area within 120 m of the Project Location. The fenced perimeter of the property would prevent deer from utilizing the Project location. Therefore, the lands immediately adjacent to and within 120 m of the Project Location would be candidate Significant Wildlife Habitat—Seasonal Concentration Areas (MNR, 2014).

4.1.6 Significant Woodlands

In the past 200 years over 70 percent of woodland cover has been lost in Ecoregions 6E and 7E (Ministry of Natural Resources, 2010). The protection of woodland cover in southern Ontario is an important concern (Ministry of Natural Resources, 2010). Planning authorities are responsible for protecting significant woodlands within Ecoregions 6E and 7E in accordance



with policies 2.1.4(b) and 2.1.6 of the PPS. The amount of woodland cover is high across the landscape within Ecoregion 5E. As such, the Natural Heritage Reference Manual and the PPS do protect or designate significant woodlands within Ecoregion 5E. As such, there are no significant woodlands at or within 1000 m of the project location.

4.1.7 Waterbodies and Watercourses

No waterbodies are located on or within 120 m of the Project Location. The Ottawa River / Allumette Lake is located 255 metres east of the Project Location. No watercourses are located at the Project Location. An unnamed watercourse, a cold water Tributary of the Ottawa River/ Allumette Lake, is located approximately 10 metres northwest of the Project Location. The Petawawa River is located 680 m northwest of the Project Location.



5.0 Determination of Natural Heritage Features and Waterbodies

The records review process did not identify any specified natural features at the Project Location. The records review process yielded the presence of the following features within 120 m of the Project Location;

- Candidate Significant Wildlife Habitat;
 - Habitat for rare vegetation (*Cyperus houghtonii*)
 - Habitat of seasonal concentration of animals—Deer Wintering Area.
- Non-provincially significant wetlands.
- Woodlands located immediately adjacent.
- An unnamed Watercourse [a cold water Tributary of the Ottawa River / Allumette Lake]

It has been determined that natural features and a watercourse are located within 120 m of the Project Location (Table 2). Therefore, a Site Investigation is recommended as the second stage of the NHA, as required under Section 26 of the REA Regulation. The results of the records review indicate a site investigation is required to confirm the boundaries of these natural features or species at and within 120 m of Project Location. In addition, the site investigation is performed to identify any additional natural features which may exist within the site investigation area, other than those identified in this Records Review Report or on adjacent lands.

Section 3.1 of the NHAG states that natural features previously evaluated by the MNRF and determined to be significant or provincially significant, the development prohibitions of the REA Regulation apply. If the natural feature has not been evaluated, it is the proponent's responsibility to determine the significance of the feature to ascertain if development prohibitions apply or to protect the feature by treating it as significant and amending the project location to be outside of the setback from the feature. If the prescribed setback can be maintained from the feature, the applicant is not required to complete an evaluation of significance or any other natural heritage study for that feature.



Table 2 Determination of Natural Heritage Features

Natural Heritage Feature	Determination (Yes/No)
Is the Project location in a Provincial Park or Conservation Reserve?	No
Is the Project location within 120 metres of a Provincial Park or Conservation Reserve?	No
Is the Project Location in a natural feature?	No
Is the project location within 50 metres of an Area of Natural and Scientific Interest (Earth Science)?	No
Is the project location within 120 metres of a natural feature that is not an Area of Natural and Scientific Interest (Earth Science)?	Yes: a watercourse, candidate deer wintering and possible habitat for a rare plant.



6.0 Closing

This report identifies specified natural features at or near their proposed Project Location under Part IV, Section 25 of the REA Regulation and meets the requirements of the NHA process.

Regards,

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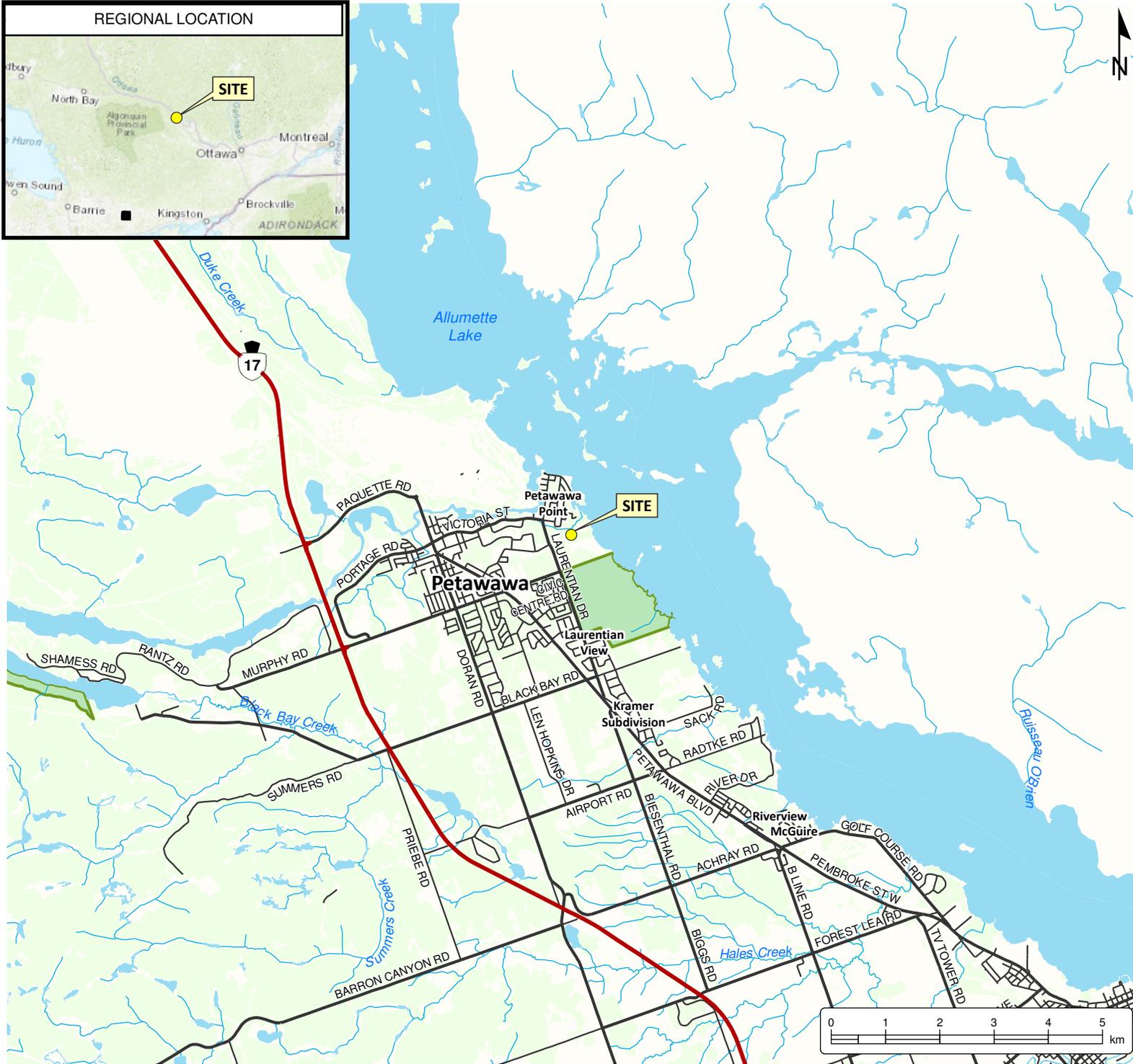
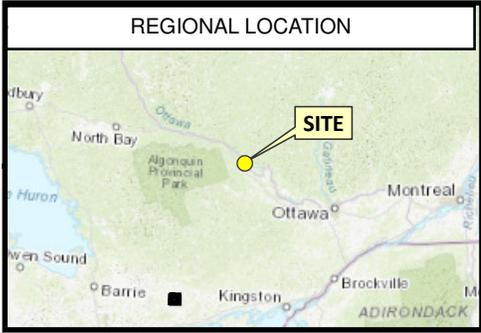
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Appended Figures

REGIONAL LOCATION



RECORDS REVIEW REPORT

TOWN OF PETAWAWA
 WASTE WATER TREATMENT FACILITY
 560 Abbie Lane
 Petawawa, Ontario

LEGEND

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

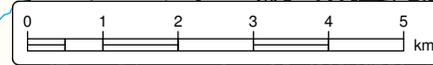
Notes:
 - Base mapping features are © Queen's Printer of Ontario, 2019 (this does not constitute an endorsement by the Ministry of Natural Resources or the Ontario Government).
 - Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
 - Cambium Inc. makes every effort to ensure this map is free from errors but cannot be held responsible for any damages due to error or omissions. This map should not be used for navigation or legal purposes. It is intended for general reference use only.



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SITE LOCATION MAP

Project No.:	11757-002	Date:	June 2021
Scale:	1:100,000	Rev.:	
Created by:	TLC	Projection:	NAD 1983 UTM Zone 18N
Checked by:	MW	Figure:	1



RECORDS REVIEW REPORT

TOWN OF PETAWAWA
 WASTE WATER TREATMENT FACILITY
 560 Abbie Lane
 Petawawa, Ontario



LEGEND

-  Aquatic Resources Survey Point
-  Watercourse
-  Major Road
-  Minor Road
-  30m Buffer
-  50m Buffer
-  120m Buffer
-  1000m Buffer
-  ANSI, Life Science
-  Ecodistrict
-  Waterbody
-  Provincial Park
-  Unevaluated Wetland
-  Wooded Area
-  Site

Notes:
 - Base mapping features are © Queen's Printer of Ontario, 2019 (this does not constitute an endorsement by the Ministry of Natural Resources or the Ontario Government).
 - Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
 - Cambium Inc. makes every effort to ensure this map is free from errors but cannot be held responsible for any damages due to error or omissions. This map should not be used for navigation or legal purposes. It is intended for general reference use only.



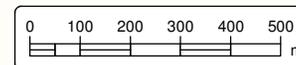
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NATURAL HERITAGE RECORD RESULTS

Project No.:	11757-002	Date:	June 2021
Scale:	1:15,000	Rev.:	
Created by:	TLC	Checked by:	MW
		Figure:	2



Applicable Policy Boundaries Not Depicted on Map:
 Forest Resource Inventory Status -
 Ottawa Valley Forest Unit





Appendix A

Metadata Records

ISO-19139 Metadata**Metadata Information:**

Metadata language:
Metadata character set: utf8

Last update: 2018-07-12

Metadata contact - pointOfContact:

Individual's name: Bonnie Henson
Organization's name: Natural Heritage Section, Resources Planning and Development Policy Branch, Ontario Ministry of Natural Resources and Forestry
Contact's position: Landscape and Natural Heritage Ecologist

Contact information:**Phone:**

Voice: 705-772-8794

Address:**Delivery point:**

300 Water ST

City: Peterborough

Administrative area: Ontario

Postal code: K9J8M5

e-mail address:bonnie.henson@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata

Version of the metadata standard: 1.2

Metadata identifier: b88037cdb71e4daf9445afa6fb999194

Resource Identification Information:**Citation:**

Title: ANSI

Alternate titles: Areas of Natural and Scientific Interest,

Reference date - creation: 1997-08-18

Reference date - revision: 2020-07-27

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Theme keywords:

Keywords: LIFE SCIENCE, RESEARCH, SCIENCE, CULTURE/HERITAGE, EARTH SCIENCE, AREAS OF NATURAL AND SCIENTIFIC INTEREST, NATURAL HERITAGE, ANSI

Citation:

Title: external

Abstract:

ANSI's (Areas of Natural and Scientific Interest) are polygon features that represent lands and waters containing important natural landscapes or features that are i
Additional Documentation ANSI Data Description (PDF)ANSI Documentation (Word) Status On going: Data is continually being updated Maintenance and Update F

Purpose:

To identify the location and types of ANSI's which are commonly found on maps for resource management purposes.

Dataset language:

Dataset character set: utf8

Resource constraints:**Constraints:**

Limitations of use: Use LimitationOpen Government Licence – Ontario You are encouraged to use the Information that is available under this licence with only a few conditions.Using Information under this licence1. Use of any Information indicates your acceptance of the terms below.2. The Information Provider grants you a worldwide, royalty-free, perpetual, non-exclusive licence to use the Information, including for commercial purposes, subject to the terms below.You are free to:3. Copy, modify, publish, translate, adapt, distribute or otherwise use the Information in any medium, mode or format for any lawful purpose. You must, where you do any of the above:4. Acknowledge the source of the Information by including any attribution statement specified by the Information Provider(s) and, where possible, provide a link to this licence. If the Information Provider does not provide a specific attribution statement, or if you are using Information from several Information Providers and multiple attributions are not practical for your product or application, you must use the following attribution statement: Contains information licensed under the Open Government Licence – Ontario.5. The terms of this licence are important, and if you fail to comply with any of them, the rights granted to you under this licence, or any similar licence granted by the Information Provider, will end automatically.Exemptions6. This licence does not grant you any right to use: a) Personal Information; b) Information or Records not accessible under the Freedom of Information and Protection of Privacy Act (Ontario); c) third party rights the Information Provider is not authorized to license; d) the names, crests, logos, or other official symbols of the Information Provider; and e) Information subject to other intellectual property rights, including patents, trade-marks and official marks.Non-endorsement7. This licence does not grant you any right to use the Information in a way that suggests any official status or that the Information Provider endorses you or your use of the Information.No warranty8. The Information is licensed "as is", and the Information Provider excludes all representations, warranties, obligations, and liabilities, whether express or implied, to the maximum extent permitted by law.9. The Information Provider is not liable for any errors or omissions in the Information, and will not under any circumstances be liable for any direct, indirect, special, incidental, consequential, or other loss, injury or damage caused by its use or otherwise arising in connection with this licence or the Information, even if specifically advised of the possibility of such loss, injury or damage.Governing Law10. This licence is governed by the laws of the Province of Ontario and the applicable laws of Canada.11. Legal proceedings related to this licence may only be brought in the courts of Ontario.Definitions12. In this licence, the terms below have the following meanings: "Information" means information resources or Records protected by copyright or other information or Records that are offered for use under the terms of this licence. "Information Provider" means Her Majesty the Queen in right of Ontario. "Personal Information" has the meaning set out in section 2(1) of the Freedom of Information and Protection of Privacy Act (Ontario). "Records" has the meaning of "record" as set out in the Freedom of Information and Protection of Privacy Act (Ontario). "You" means the natural or legal person, or body of persons corporate or incorporate, acquiring rights under this licence.Versioning13. This is version 1.0 of the Open Government Licence – Ontario. The Information Provider may make changes to the terms of this licence from time to time and issue a new version of the licence. Your use of the Information will be governed by the terms of the licence in force as of the date you accessed the information.

Resource constraints:**Legal constraints:**

Limitations of use: Some of the ANSI Data Types may be considered sensitive, and as such may have restrictions placed on access.

Processing environment: Spatial locations and attributes are maintained by the OMNR's Natural Resources Values Information System (NRVIS).; Natural Resources Values Information System (NRVIS)

Extent:**Geographic extent:****Bounding rectangle:**

West longitude: -95.157
East longitude: -74.308
North latitude: 56.85
South latitude: 41.672

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - pointOfContact:**Individual's name:** Bonnie Henson**Organization's name:** Natural Heritage Section, Resources Planning and Development Policy Branch, Ontario Ministry of Natural Resources and Forestry**Contact's position:** Landscape and Natural Heritage Ecologist**Contact information:****Phone:****Voice:** 705-772-8794**Address:****e-mail address:** bonnie.henson@ontario.ca**Reference System Information:****Reference system identifier:****Value:** Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable**Data Quality Information:****Lineage:****Source data:****Level of the source data:** A primary source for coincident base features (shorelines, streams, roads, cadastral boundaries etc...) as loaded into the Natural Resources Values Information System at the OMNR District level.**Citation:****Title:** Natural Resources Values Information System**Data quality report - Relative internal positional accuracy:****Measure produced by the test:** Horizontal: Approximate: +/- 500 m; Vertical: Not Applicable**Distribution Information:****Transfer options:****Online resource:****Name of resource:** Complete File Geodatabase**Online location:** <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/ANSI.zip>**Connection protocol:****Online resource:****Name of resource:** Complete Shapefile**Online location:** <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/ANSI.zip>**Connection protocol:****Online resource:****Name of resource:** QGIS Layer Definition File (.qlr)**Online location:** <https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/lho-open-qlr-eng/areas-of-natural-and-scientific-interest-ansi.qlr>**Connection protocol:**

Aquatic Resource Area Survey Point

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2020-06-03
Maintenance:

Update frequency: annually

Metadata contact - pointOfContact:

Individual's name: Mary Garvey
Organization's name: Fisheries Policy Section, Species Conservation Policy Branch, Ministry of Natural Resources and Forestry
Contact's position: Fisheries Information Management Biologist

Contact information:

Address:

e-mail address:mary.garvey@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: bb56b3df8a544ecdb37e9cc2a7ccfd18

Resource Identification Information:

Citation:

Title: Aquatic Resource Area Survey Point
Alternate titles: ARA_SURVEY_POINT,

Reference date - creation: 2009-06-08

Reference date - revision: 2021-04-27

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: inlandWaters

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

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Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

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Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Theme keywords:

Keywords: STREAMS, TEMPERATURE, FISHERIES MANAGEMENT, FISHES, AQUATIC RESOURCE AREA, AQUATIC ECOLOGY, WATER, LAKES, FISH, FISHERIES

Citation:

Title: external

Abstract:

This spatial dataset represents the locations of aquatic resource area (ARA) survey points. ARA survey points may represent a portion of a water body or an entire water body.

physical characteristics such as water temperature and depth
fish species

The ARA data classes are the authoritative source for generic spatial data related to fish species in Ontario.

The data can be used for:

forest and fisheries management planning
municipal planning
natural heritage and land use planning
issuing work permits under the Public Lands Act, 1990
issuing licenses under the Fish and Wildlife Conservation Act, 1997
fulfilling public information requests

There are additional sensitive data related to provincially tracked species and species at risk that are not available as part of this open data package. Distribution of this data is restricted.

Additional Documentation

[ARA Survey Point - User Guide \(PDF\)](#)

[ARA Survey Point - Data Description \(PDF\)](#)

[Aquatic Resource Area Survey Point - Documentation \(Word\)](#)

Status

On going: data is being continually updated

Maintenance and Update Frequency

As needed: data is updated as deemed necessary

Contact

Mary Garvey, Fisheries Policy Section, mary.garvey@ontario.ca

Purpose:

The Aquatic Resource Area (ARA) data classes are the authoritative source of generic fisheries spatial data in Ontario.

Dataset language: eng
Dataset character set: utf8

Status: onGoing
Maintenance:

Update frequency: asNeeded

Resource constraints:

Legal constraints:

Limitations of use: Some features may be removed due to sensitivity.

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -93.753
East longitude: -75.737
North latitude: 59.934
South latitude: 41.918

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - owner:

Organization's name: Ontario Ministry of Natural Resources and Forestry
Contact's position: Director, Species Conseravtion Policy Branch

Reference System Information:

Reference system identifier:

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Data quality report - Absolute external positional accuracy:

Name of the test: Vertical

Measure produced by the test: Not Applicable

Data quality report - Absolute external positional accuracy:

Name of the test: Horizontal

Measure produced by the test: Approximate: +/- 500 m

Distribution Information:

Transfer options:

Online resource:

Name of resource: Complete File Geodatabase
Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/ARASURPT.zip>
Connection protocol:

Online resource:

Name of resource: Complete Shapefile
Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/ARASURPT.zip>
Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)
Online location:<https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/lho-open-qlr-eng/aquatic-resource-area-survey-point.qlr>
Connection protocol:

Conservation Authority Administrative Area

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2018-07-20

Metadata contact - pointOfContact:

Organization's name: Ontario Ministry of the Environment, Conservation and Parks

Contact information:

Address:

Delivery point:

300 Water Street

City: Peterborough
Administrative area: Ontario
Postal code: K9J 8M5
e-mail address:lio@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: 6e03611af2584378893921351f75fb35

Resource Identification Information:

Citation:

Title: Conservation Authority Administrative Area
Alternate titles: CAADMIN,

Reference date - creation: 2003-01-08

Reference date - revision: 2014-06-17

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of the Environment, Conservation and Parks

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Theme keywords:

Keywords: WATERSHEDS, MUNICIPALITIES, BOUNDARY, WATER RESOURCES INFORMATION PROGRAM, CONSERVATION AREAS, WRIP, WATER ANALYSIS, HYDROLOGY, OBM, WATER MANAGEMENT, WATER, CONSERVATION

Citation:

Title: external

Abstract:

Conservation Authority Administrative Areas are lands under the jurisdiction of a Conservation Authority.

Additional Documentation

[Conservation Authority Admin Area - Data Description \(PDF\)](#)

[Conservation Authority Admin Area - Documentation \(Word\)](#)

Status

On going: Data is continually being updated

Maintenance and Update Frequency

As needed: Data is updated as deemed necessary

Purpose:

To update and replace the 1:600,000 layer (CONSERV data class) with data supplied by the Conservation Authorities, Tertiary, and Quaternary watersheds provided by Wa

Dataset language:

Dataset character set: utf8

Maintenance:**Update frequency:**

Other maintenance requirements: ***This data class is undergoing a data modeling update (expected completion April-May 2014), to allow for feature type differentiation between water and land polygons. Data is currently under review and will be vetted through the CA community for comments and further updates during the 2014/15 fiscal year.

Resource constraints:**Constraints:**

Limitations of use: Use LimitationOpen Government Licence – Ontario You are encouraged to use the Information that is available under this licence with only a few conditions.Using Information under this licence1. Use of any Information indicates your acceptance of the terms below.2. The Information Provider grants you a worldwide, royalty-free, perpetual, non-exclusive licence to use the Information, including for commercial purposes, subject to the terms below.You are free to:3. Copy, modify, publish, translate, adapt, distribute or otherwise use the Information in any medium, mode or format for any lawful purpose. You must, where you do any of the above:4. Acknowledge the source of the Information by including any attribution statement specified by the Information Provider(s) and, where possible, provide a link to this licence. If the Information Provider does not provide a specific attribution statement, or if you are using Information from several Information Providers and multiple attributions are not practical for your product or application, you must use the following attribution statement: Contains information licensed under the Open Government Licence – Ontario.5. The terms of this licence are important, and if you fail to comply with any of them, the rights granted to you under this licence, or any similar licence granted by the Information Provider, will end automatically.Exemptions6. This licence does not grant you any right to use: a) Personal Information; b) Information or Records not accessible under the Freedom of Information and Protection of Privacy Act (Ontario); c) third party rights the Information Provider is not authorized to license; d) the names, crests, logos, or other official symbols of the Information Provider; and e) Information subject to other intellectual property rights, including patents, trade-marks and official marks.Non-endorsement7. This licence does not grant you any right to use the Information in a way that suggests any official status or that the Information Provider endorses you or your use of the Information.No warranty8. The Information is licensed “as is”, and the Information Provider excludes all representations, warranties, obligations, and liabilities, whether express or implied, to the maximum extent permitted by law.9. The Information Provider is not liable for any errors or omissions in the Information, and will not under any circumstances be liable for any direct, indirect, special, incidental, consequential, or other loss, injury or damage caused by its use or otherwise arising in connection with this licence or the Information, even if specifically advised of the possibility of such loss, injury or damage.Governing Law10. This licence is governed by the laws of the Province of Ontario and the applicable laws of Canada.11. Legal proceedings related to this licence may only be brought in the courts of Ontario.Definitions12. In this licence, the terms below have the following meanings: “Information” means information resources or Records protected by copyright or other information or Records that are offered for use under the terms of this licence. “Information Provider” means Her Majesty the Queen in right of Ontario. “Personal Information” has the meaning set out in section 2(1) of the Freedom of Information and Protection of Privacy Act (Ontario). “Records” has the meaning of “record” as set out in the Freedom of Information and Protection of Privacy Act (Ontario). “You” means the natural or legal person, or body of persons corporate or incorporate, acquiring rights under this licence.Versioning13. This is version 1.0 of the Open Government Licence – Ontario. The Information Provider may make changes to the terms of this licence from time to time and issue a new version of the licence. Your use of the Information will be governed by the terms of the licence in force as of the date you accessed the information.

Resource constraints:**Legal constraints:**

Access constraints: licenseUnrestricted,

Use constraints:

Processing environment: ESRI Arc Workstation 8.3; Shapefile in SNIF format

Extent:**Geographic extent:****Bounding rectangle:**

West longitude: -95.1569900512695

East longitude: -74.3079833984375

North latitude: 56.8501167297363

South latitude: 41.6722984313965

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - pointOfContact:

Organization's name: Ontario Ministry of the Environment, Conservation and Parks

Contact information:**Address:**

e-mail address:lio@ontario.ca

Reference System Information:**Reference system identifier:**

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Lineage:**Source data:**

Level of the source data: Historical fundamental geographic township boundaries provided by MNR.

Citation:

Title: Geographic Township Improved

Source data:

Level of the source data: Water Resources Information Program Watersheds

Citation:

Title: Tertiary Watersheds

Source data:

Level of the source data: Delineation provided by individual Conservation Authorities

Citation:

Title: Conservation Authorities

Source data:

Level of the source data: Municipal Boundaries provided by Ministry of Municipal Affairs and Housing for assisting in boundary delineations.

Citation:

Title: Municipal Boundary - Lower and Single Tier

Source data:

Level of the source data: Water Resources Information Program Quaternary Watersheds

Citation:

Title: Quaternary Watershed

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Moderate: +/- 1000 m; Vertical: Not Applicable

Distribution Information:**Transfer options:****Online resource:**

Name of resource: Complete File Geodatabase

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/CAADMIN.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/CAADMIN.zip>

Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)

Online location:<https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/llo-open-qlr-eng/conservation-authority-administrative-area.qlr>

Connection protocol:

Ecodistricts

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2021-03-08

Metadata contact - custodian:

Individual's name: Adam Hogg
Organization's name: Ontario Ministry of Natural Resources and Forestry
Contact's position: Spatial Data Acquisition Specialist

Contact information:

Phone:

Voice: 1 (705) 755-5975

Address:

Delivery point:

300 Water Street, 2nd floor, North Tower

City: Peterborough

Administrative area: Ontario

Postal code: K9J 3C7

e-mail address:adam.hogg@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata

Version of the metadata standard: 1.2

Metadata identifier: 3a6aadb9595f4c6d86800b1ed0abf745

Resource Identification Information:

Citation:

Title: Ecodistricts

Alternate titles: ECODISTR,

Reference date - creation: 2007-01-01

Reference date - revision: 2018-10-25

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: environment, planningCadastre

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Theme keywords:

Keywords: ENVIRONMENT, ECOLOGY, ECOREGIONS, FORESTRY, ECOLOGICAL ZONATION, ECOTONES, EARTH SCIENCE, BIODIVERSITY, ECOZONE, LAND MANAGEMENT, LAND USE PLANNING, ECOELEMENT, ECODISTRICT

Citation:

Title: external

Abstract:

This dataset is used to:
assess biodiversity levels
define seed zones
map ecosystem types
set targets for the identification of natural heritage systems

Status Completed: production of the data has been completed Maintenance and Update Frequency As needed: data is updated as deemed necessary Contact Adam

Purpose:

Defines the ecodistricts in the province of Ontario.

Dataset language:

Dataset character set: utf8

Status: completed

Maintenance:

Update frequency: asNeeded

Resource constraints:

Constraints:

Limitations of use: Use LimitationOpen Government Licence – OntarioYou are encouraged to use the Information that is available under this licence with only a few conditions.Using Information under this licence1. Use of any Information indicates your acceptance of the terms below.2. The Information Provider grants you a worldwide, royalty-free, perpetual, non-exclusive licence to use the Information, including for commercial purposes, subject to the terms below.You are free to:3. Copy, modify, publish, translate, adapt, distribute or otherwise use the Information in any medium, mode or format for any lawful purpose. You must, where you do any of the above:4. Acknowledge the source of the Information by including any attribution statement specified by the Information Provider(s) and, where possible, provide a link to this licence. If the Information Provider does not provide a specific attribution statement, or if you are using Information from several Information Providers and multiple attributions are not practical for your product or application, you must use the following attribution statement: Contains information licensed under the Open Government Licence – Ontario.5. The terms of this licence are important, and if you fail to comply with any of them, the rights granted to you under this licence, or any similar licence granted by the Information Provider, will end automatically.Exemptions6. This licence does not grant you any right to use: a) Personal Information; b) Information or Records not accessible under the Freedom of Information and Protection of Privacy Act (Ontario); c) third party rights the Information Provider is not authorized to license; d) the names, crests, logos, or other official symbols of the Information Provider; and e) Information subject to other intellectual property rights, including patents, trade-marks and official marks.Non-endorsement7. This licence does not grant you any right to use the Information in a way that suggests any official status or that the Information Provider endorses you or your use of the Information.No warranty8. The Information is licensed "as is", and the Information Provider excludes all representations, warranties, obligations, and liabilities, whether express or implied, to the maximum extent permitted by law.9. The Information Provider is not liable for any errors or omissions in the Information, and will not under any circumstances be liable for any direct, indirect, special, incidental, consequential, or other loss, injury or damage caused by its use or otherwise arising in connection with this licence or the Information, even if specifically advised of the possibility of such loss, injury or damage.Governing Law10. This licence is governed by the laws of the Province of Ontario and the applicable laws of Canada.11. Legal proceedings related to this licence may only be brought in the courts of Ontario.Definitions12. In this licence, the terms below have the following meanings: "Information" means information resources or Records protected by copyright or other information or Records that are offered for use under the terms of this licence. "Information Provider" means Her Majesty the Queen in right of Ontario. "Personal Information" has the meaning set out in section 2(1) of the Freedom of Information and Protection of Privacy Act (Ontario). "Records" has the meaning of "record" as set out in the Freedom of Information and Protection of Privacy Act (Ontario). "You" means the natural or legal person, or body of persons corporate or incorporate, acquiring rights under this licence.Versioning13. This is version 1.0 of the Open Government Licence – Ontario. The Information Provider may make changes to the terms of this licence from time to time and issue a new version of the licence. Your use of the Information will be governed by the terms of the licence in force as of the date you accessed the information.

Processing environment: ESRI Polygon Shapefile, ESRI Polygon Coverage, ESRI Geodatabase

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -93.753

East longitude: -75.737

North latitude: 59.934

South latitude: 41.918

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - publisher:

Individual's name: Adam Hogg

Organization's name: Ontario Ministry of Natural Resources and Forestry

Contact's position: Spatial Data Acquisition Specialist

Contact information:

Address:

Administrative area: Ontario

Postal code: P6A 2E5

e-mail address:adam.hogg@ontario.ca

Reference System Information:

Reference system identifier:

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: NRVIS drainage scale mapping: 1:10K in south 1:20K in near north 1:50K in north 1:250K in Hudson Bay Lowlands ; Vertical: Not Applicable

Distribution Information:

Transfer options:

Online resource:

Name of resource: Complete File Geodatabase

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/ECODISTR.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/ECODISTR.zip>

Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)

Online location:<https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/llo-open-qlr-eng/ecodistrict.qlr>

Connection protocol:

Forest resources inventory status

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2019-03-29

Metadata contact - pointOfContact:

Individual's name: Ken Smith
Organization's name: Ministry of Natural Resources and Forestry

Contact information:

Phone:

Voice: 1 (705) 9467466

Address:

e-mail address: ken.smith@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: c7b4c232-7ce6-415b-9154-9e7174087641

Resource Identification Information:

Citation:

Title: Forest resources inventory status
Alternate titles: FORESTAT,

Reference date - creation: 2011-01-01

Reference date - revision: 2012-01-25T18:13:45

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: biota

Theme keywords:

Keywords: FOREST MANAGEMENT, FORESTRY, FOREST RESOURCE INVENTORY, FOREST INVENTORIES

Citation:

Title: external

Theme keywords:

Keywords: FOREST MANAGEMENT, FORESTRY, FOREST RESOURCE INVENTORY, FOREST INVENTORIES

Citation:

Title: external

Theme keywords:

Keywords: FOREST MANAGEMENT, FORESTRY, FOREST RESOURCE INVENTORY, FOREST INVENTORIES

Citation:

Title: external

Theme keywords:

Keywords: FOREST MANAGEMENT, FORESTRY, FOREST RESOURCE INVENTORY, FOREST INVENTORIES

Citation:

Title: external

Abstract:

This dataset provides various Ministry of Natural Resources and Forestry business areas with fundamental forest inventory information needed to meet their program ma
This class has related tables. Forest Resources Inventory Status related tables
Additional Documentation

Ken Smith, Science and Research Branch, ken.smith@ontario.ca

Purpose:

The current production status of all Forest Resources Inventory (FRI) units in the province.

Dataset language:

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: asNeeded

Resource constraints:

Constraints:

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Resource constraints:

Legal constraints:

Limitations of use: No data restrictions. Edits to be done by Forest Resources Inventory staff only.

Resource constraints:

Legal constraints:

Access constraints: otherRestrictions,

Limitations of use: Other Constraints

Resource constraints:

Legal constraints:

Use constraints:

Limitations of use: Other Constraints

Processing environment: Natural Resources Values Information System (NRVIS)

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -93.753

East longitude: -75.737

North latitude: 59.934

South latitude: 41.918

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - pointOfContact:

Individual's name: Ken Smith

Organization's name: Ministry of Natural Resources and Forestry

Contact information:

Phone:

Address:

e-mail address:ken.smith@ontario.ca

Reference System Information:

Reference system identifier:

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Within 20 meters; Vertical: Not Applicable

Distribution Information:

Transfer options:

Online resource:

Name of resource: Complete File Geodatabase

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/FORESTAT.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/FORESTAT.zip>

Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)

Online location:<https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/llo-open-qlr-eng/forest-resources-inventory-status.qlr>

Connection protocol:

Ontario Hydro Network (OHN) - Waterbody

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2018-07-12

Metadata contact - pointOfContact:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:

Address:

e-mail address:pmu@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: 22bab3c9f37a4dd0845eb89e7b247a9f

Resource Identification Information:

Citation:

Title: Ontario Hydro Network (OHN) - Waterbody
Alternate titles: OHNWBDY,

Reference date - creation: 2010-08-09

Reference date - revision: 2021-05-07

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: inlandWaters

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Theme keywords:

Keywords: Ontario Hydro Network, Waterbody, Lakes, OHN, Hydrography, Watercourse, Rivers, Water, Hydrology

Citation:

Title: external

Abstract:

Water bodies are polygon features (natural and constructed) that describe various realizations of surface water at a medium scale of 1:10K in Southern Ontario, 1:20K

OHN - User Guide (Word)

OHN - Data Capture Specification for Hydrographic Features (Word)

OHN - Waterbody - Data Description (PDF)

OHN - Waterbody - Documentation (Word)

Data Maintenance - Status Map (Word)

Ontario Hydro Network - List of Partners (Word)

Status

On going: Data is continually being updated Maintenance and Update Frequency As needed: Data is updated as deemed necessary Contact

Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit, pmu@ontario.ca

Purpose:

Shows the location of waterbodies in Ontario as part of the Ontario Hydro Network (OHN).

Dataset language:

Dataset character set: utf8

Resource constraints:**Constraints:**

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Processing environment: NRVIS**Extent:****Geographic extent:****Bounding rectangle:**

West longitude: -95.1569900512695

East longitude: -74.3079833984375

North latitude: 56.8501167297363

South latitude: 41.6722984313965

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - pointOfContact:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:**Address:****Delivery point:**

300 Water St, 2nd Floor

City: Peterborough

Administrative area: Ontario

Postal code: K9J 8M5

e-mail address: pmu@ontario.ca

Point of contact - pointOfContact:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:**Phone:**

Voice: 1 (705) 7551878

Address:

e-mail address: pmu@ontario.ca

Reference System Information:**Reference system identifier:**

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:**Data quality report - Relative internal positional accuracy:**

Measure produced by the test: Horizontal: Precise: +/- 10 m; Vertical: Not Applicable

Distribution Information:**Transfer options:****Online resource:**

Name of resource: Complete File Geodatabase

Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/OHNWBDY.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/OHNWBDY.zip>

Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)

Online location: <https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/lio-open-qlr-eng/ontario-hydro-network-ohn-waterbody.qlr>

Connection protocol:

Ontario Hydro Network (OHN) - Watercourse

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2019-10-10

Metadata contact - custodian:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:

Address:

e-mail address:pmu@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata

Version of the metadata standard: 1.2

Metadata identifier: a222f2996e7c454f9e8d028aa05995d3

Resource Identification Information:

Citation:

Title: Ontario Hydro Network (OHN) - Watercourse

Alternate titles: OHNWCRS,

Reference date - creation: 2010-08-12

Reference date - revision: 2021-05-20

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: inlandWaters

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Theme keywords:

Keywords: Lakes, Hydrology, Waterbody, Water, Watercourse, Ontario Hydro Network, Rivers, OHN, Hydrography

Citation:

Title: external

Abstract:

Watercourses are line features - natural or manmade - that represent the location of flowing surface water.*Due to limitations of the shapefile format, OHN Watercours

Additional Documentation

OHN - User Guide (Word)OHN - Data Capture Specification for Hydrographic Features (Word)

OHN - Watercourse - Data Description (PDF)

OHN - Watercourse - Documentation (Word)

Data Maintenance - Status Map (Word)

Ontario Hydro Network - List of Partners (Word)

Status

On going: data is being continually updated

Maintenance and Update Frequency

Continual: data is repeatedly and frequently updated

Contact

Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit, pmu@ontario.ca

Purpose:

Shows the location of watercourses in Ontario as part of the Ontario Hydro Network (OHN).

Dataset language:

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: continual

Resource constraints:**Constraints:**

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Resource constraints:**Legal constraints:**

Limitations of use: None

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -93.753
East longitude: -75.737
North latitude: 59.934
South latitude: 41.918

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - custodian:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:

Address:

Delivery point:

300 Water St. 2nd Floor

City: Peterborough

Administrative area: Ontario

Postal code: K9J 8M5

e-mail address: pmu@ontario.ca

Point of contact - pointOfContact:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:

Phone:

Voice: 1 (705) 7551878

Address:

e-mail address: pmu@ontario.ca

Reference System Information:

Reference system identifier:

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Precise: +/- 10 m; Vertical: Not Applicable

Distribution Information:

Transfer options:

Online resource:

Name of resource: Complete File Geodatabase

Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/OHNWCERS.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/OHNWCERS.zip>

Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)

Online location: <https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/lio-open-qlr-eng/ontario-hydro-network-ohn-watercourse.qlr>

Connection protocol:

Provincial Park Regulated

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2018-07-24

Metadata contact - pointOfContact:

Individual's name: Louis Chora
Organization's name: Ministry of Natural Resources
Contact's position: Information Management Specialist

Contact information:

Phone:

Voice: 1 (705) 7555965

Address:

e-mail address: louis.chora@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: c5191fcd8a944eaf91920b4ed914825a

Resource Identification Information:

Citation:

Title: Provincial Park Regulated
Alternate titles: PROVPREG,

Reference date - creation: 1893-01-01

Reference date - revision: 2021-02-15

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: planningCadastre

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Theme keywords:

Keywords: ONTARIO PARKS, NATURE RESERVES, ADMINISTRATION, NATURAL HERITAGE, PARKS, LAND USE PLANNING, NATURAL AREAS, PARKS PLANNING

Citation:

Title: external

Abstract:

Identifies the public lands (provincial parks and conservation reserves) in Ontario set aside by legislation. [Additional Documentation](#)

[Provincial Park Regulated - Data Description \(PDF\)](#)

[Provincial Park Regulated - Documentation \(Word\)](#)

Status Completed: Production of the data has been completed Maintenance and Update Frequency As needed: Data is updated as deemed necessary [Contact](#) [Loui](#)

Purpose:

To display areas regulated under the Provincial Parks and Conservation Reserves Act, 2006 and managed by Ontario Parks.

Dataset language:

Dataset character set: utf8

Resource constraints:**Constraints:**

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Resource constraints:**Legal constraints:**

Limitations of use: Boundaries are public information, but CAUTION against sharing boundaries of NON-OPERATING parks for road map use etc.

Processing environment: Natural Resources Values Information System (NRVIS). Boundaries have been reviewed to ensure quality control. Spatial information is directly based on regulation plans, published by the Office of the Surveyor General.; NRVIS

Extent:**Geographic extent:****Bounding rectangle:**

West longitude: -95.1569900512695

East longitude: -74.3079833984375

North latitude: 56.8501167297363

South latitude: 41.6722984313965

Credits:

Point of contact - pointOfContact:

Individual's name: Louis Chora
Organization's name: Ministry of Natural Resources and Forestry and Forestry
Contact's position: Information Management Specialist

Contact information:

Phone:

Voice: 1 (705) 7555965

Address:

e-mail address: louis.chora@ontario.ca

Point of contact - pointOfContact:

Individual's name: Louis Chora
Organization's name: Ministry of Natural Resources
Contact's position: Information Management Specialist

Contact information:

Phone:

Voice: 1 (705) 7555965

Address:

e-mail address: louis.chora@ontario.ca

Reference System Information:

Reference system identifier:

Value: Grid CS = Geographic (Lat, Long); Map Proj = Lambert Conformal Conic; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Lineage:

Source data:

Level of the source data: Regulation Plan Oldest regulation plan from 1957. Last package of protected areas gazetted June 9, 2008 Data collected from 12/05/1957 to 09/06/2008

Citation:

Title: Regulation Plan

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Reliable: +/- 100 m to Precise: +/- 10 m; Vertical: Not Applicable

Distribution Information:

Transfer options:

Online resource:

Name of resource: Complete File Geodatabase
Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/PROVPREG.zip>
Connection protocol:

Online resource:

Name of resource: Complete Shapefile
Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/PROVPREG.zip>
Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)
Online location: <https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/lto-open-qlr-eng/provincial-park-regulated.qlr>
Connection protocol:

Significant Ecological Area

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2019-03-14

Metadata contact - pointOfContact:

Individual's name: Tracy Sallaway
Organization's name: Ministry of Natural Resources and Forestry, Integration Branch
Contact's position: A\Senior Advisor, I & IT Portfolio

Contact information:

Address:

Delivery point:

300 Water St

City: Peterborough

Administrative area: Ontario

Postal code: K9J 3C7

e-mail address:tracy.sallaway@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata

Version of the metadata standard: 1.2

Metadata identifier: 958e6d00-27be-46b4-ac8c-630dcef9f297

Resource Identification Information:

Citation:

Title: Significant Ecological Area
Alternate titles: SIGECOL,

Reference date - creation: 1997-11-06

Reference date - revision: 2009-06-10

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Theme keywords:

Keywords: forest management, forestry, significant ecological area, old growth forests, no-cut areas, land management, woodlands

Citation:

Title: external

Abstract:

The data referenced here is licensed Electronic Intellectual Property of the Ontario Ministry of Natural Resources and Forestry and is provided for professional, non-commercial use. A Significant Ecological Area is a polygon feature that identifies an area of interest to the Ministry that is ecologically significant, and warrants special consideration.

Significant Valley

Significant Woodland

No-Cut Area

Designated Old Growth Forest

Old Growth Forest

Significant Ecological Community

Additional Time Period Information: Data is collected on an on-going basis therefore the time period 'end date' may be more recent than indicated above.

Additional Documentation Significant Ecological Area - Data Description (PDF) Significant Ecological Area - Documentation (Word)

Status

On going: data is being continually updated

Maintenance and Update Frequency

As needed: data is updated as deemed necessary

Contact

Tracy Sallaway, Ministry of Natural Resources and Forestry, tracy.sallaway@ontario.ca

Purpose:

To identify the location and types of Significant Ecological Areas which are commonly found on maps for forest and resource management purposes.

Dataset language:

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: asNeeded

Resource constraints:**Constraints:**

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Completeness: - Concentrated surveys in one or more areas of the District. - Instances where no surveys were initiated, even though there is evidence of the value. - Instances where the value is not known to exist within the District. - Instances where attributes collected for the value will be minimal to verbose. - The data may exist only in a tabular form (files, hardcopy maps) within the District.-Accuracy: -Dependant on the value's source capture methodology. -G.P.S. coordinates vs. sketched location. - Generalized location (buffered point) vs. mapped area (polygon)-Vintage: -New vs. old value survey information for values in part(s) or all of the District.-Sensitivity: -Some OMNR Districts may consider a specific value or group of values sensitive, others may not. -Some of the values may be flagged as sensitive due to intellectual copyright. (i.e.: Professional Research). -The value may be flagged as sensitive due to its link or relation to First Nation Peoples. Please refer to this same section within the OMNR District's version of this record for specific use constraints details.

Resource constraints:

Legal constraints:

Limitations of use: Some of the Significant Ecological information may be considered sensitive, and as such may have restrictions placed on access.

Processing environment: Spatial locations and attributes are maintained by the OMNR's Natural Resources Values Information System (NRVIS).; Natural Resources Values Information System (NRVIS)

Extent:**Geographic extent:****Bounding rectangle:**

West longitude: -95.1569900512695

East longitude: -74.3079833984375

North latitude: 56.8501167297363

South latitude: 41.6722984313965

Credits:

<https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/ElectronicIntellectualPropertyLicence.pdf>

Point of contact - custodian:

Individual's name: Tracy Sallaway

Organization's name: Ministry of Natural Resources and Forestry

Contact's position: A\Senior Advisor, I & IT Portfolio

Contact information:**Address:****Delivery point:**

300 Water St

City: Peterborough

Administrative area: Ontario

Postal code: K9J 3C7

e-mail address:tracy.sallaway@ontario.ca

Reference System Information:**Reference system identifier:**

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:**Scope of quality information:**

Level of the data: dataset

Lineage:**Source data:**

Level of the source data: A primary source for coincident base features (shorelines, streams, roads, cadastral boundaries etc...) as loaded into the Natural Resources Values Information System at the OMNR District level.

Citation:

Title: Natural Resources Values Information System

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Approximate: +/- 500 m; Vertical: Not Applicable

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2019-05-21

Metadata contact - pointOfContact:

Individual's name: Derek Landry
Organization's name: Ministry of Natural Resources and Forestry
Contact's position: Coordinator, Forest Resources Inventory Program

Contact information:

Phone:

Voice: 1 (705)7552320

Address:

Delivery point:

300 Water Street, 3rd floor

City: Peterborough

Administrative area: Ontario

Postal code: K9J 8M5

e-mail address:derek.landry@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata

Version of the metadata standard: 1.2

Metadata identifier: 40611594-bc37-41ae-bb38-f7afa46ba66d

Resource Identification Information:

Citation:

Title: Southern Ontario Land Resource Information System Version 3.0

Alternate titles: SOLRIS 3.0,

Reference date - creation: 2019-06-17

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Descriptive keywords - :

Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Science and Research Branch, wetlands, land cover, remote sensing, land use planning, land management, geographic imagery collections, forest management, biodiversity, land use, land classification, imagery and base maps

Descriptive keywords - :

Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Science and Research Branch, wetlands, land cover, remote sensing, land use planning, land management, geographic imagery collections, forest management, biodiversity, land use, land classification, imagery and base maps

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Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Science and Research Branch, wetlands, land cover, remote sensing, land use planning, land management, geographic imagery collections, forest management, biodiversity, land use, land classification, imagery and base maps

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Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Science and Research Branch, wetlands, land cover, remote sensing, land use planning, land management, geographic imagery collections, forest management, biodiversity, land use, land classification, imagery and base maps

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Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Science and Research Branch, wetlands, land cover, remote sensing, land use planning, land management, geographic imagery collections, forest management, biodiversity, land use, land classification, imagery and base maps

Abstract:

SOLRIS is based on MNRF's Ecological Land Classification (ELC) for southern Ontario (Lee et al, 1998). It is a land use inventory that supports a number of key provin

Additional Documentation

Southern Ontario Land Resource Information System Version 3.0 - Frequently Asked Questions (PDF)

Southern Ontario Land Resource Information System Version 3.0 - Data Specification (PDF)

Status

On going: Data is continually being updated

Maintenance and Update Frequency

As needed: Data is updated as deemed necessary

Contact

Derek Landry, Forest Resources Inventory Program, Science and Research Branch, Derek.Landry@ontario.ca

Purpose:

SOLRIS is a primary data layer that provides a comprehensive, standardized, landscape level inventory of natural, rural and urban lands in Ecoregions 7E, 6E and 5E,

Dataset language: eng

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: asNeeded

Other maintenance requirements: Data is updated as deemed necessary.

Resource constraints:**Constraints:**

Limitations of use: Use LimitationOpen Government Licence – OntarioYou are encouraged to use the Information that is available under this licence with only a few conditions.Using Information under this licence1. Use of any Information indicates your acceptance of the terms below.2. The Information Provider grants you a worldwide, royalty-free, perpetual, non-exclusive licence to use the Information, including for commercial purposes, subject to the terms below.You are free to:3. Copy, modify, publish,

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Processing environment: ArcGIS, PCI Geomatica, eCognition; Geodatabase; TIF

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -83.1
East longitude: -74.33334
North latitude: 45.88334
South latitude: 41.66667

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - custodian:

Individual's name: Derek Landry
Organization's name: Ministry of Natural Resources and Forestry
Contact's position: Coordinator, Forest Resources Inventory Program

Contact information:

Phone:

Voice: 1 (705)7552320

Address:

Delivery point:

300 Water Street, 3rd floor

City: Peterborough
Administrative area: Ontario
Postal code: K9J 8M5
e-mail address:derek.landry@ontario.ca

Point of contact - custodian:

Individual's name: Derek Landry
Organization's name: Ministry of Natural Resources and Forestry
Contact's position: Coordinator, Forest Resources Inventory Program

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Delivery point:

300 Water Street, 3rd floor

City: Peterborough
Administrative area: Ontario
Postal code: K9J 8M5
e-mail address:derek.landry@ontario.ca

Reference System Information:

Reference system identifier:

Value: CS = GCS North American 1983 CSRS; Map Proj = Lambert Conformal Conic; Horiz. Datum = NAD83; Vert. Datum = NAVD88

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Data quality report - Absolute external positional accuracy:

Measure produced by the test: Horizontal: Precise: +/-10 m; Vertical: Not applicable

Wetlands

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2019-05-13

Metadata contact - pointOfContact:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:

Address:

e-mail address:pmu@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: 5216a770ef684d2fae8bcc13ee9c4357

Resource Identification Information:

Citation:

Title: Wetlands
Alternate titles: Wetland Unit, WETLANDU,

Reference date - creation: 1978-05-01

Reference date - revision: 2021-05-20

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Theme keywords:

Keywords: Oak Ridges Moraine Plan, Provincial Policy Statement, Niagara Escarpment Plan, Lake Simcoe Protection Plan, WWIG Northern, Provincially Significant

Citation:

Title: external

Theme keywords:

Keywords: Oak Ridges Moraine Plan, Provincial Policy Statement, Niagara Escarpment Plan, Lake Simcoe Protection Plan, WWIG Northern, Provincially Significant

Citation:

Title: external

Theme keywords:

Keywords: Oak Ridges Moraine Plan, Provincial Policy Statement, Niagara Escarpment Plan, Lake Simcoe Protection Plan, WWIG Northern, Provincially Significant

Citation:

Title: external

Theme keywords:

Keywords: Oak Ridges Moraine Plan, Provincial Policy Statement, Niagara Escarpment Plan, Lake Simcoe Protection Plan, WWIG Northern, Provincially Significant

Citation:

Title: external

Theme keywords:

Keywords: Oak Ridges Moraine Plan, Provincial Policy Statement, Niagara Escarpment Plan, Lake Simcoe Protection Plan, WWIG Northern, Provincially Significant

Citation:

Title: external

Theme keywords:

Keywords: Oak Ridges Moraine Plan, Provincial Policy Statement, Niagara Escarpment Plan, Lake Simcoe Protection Plan, WWIG Northern, Provincially Significant

Citation:

Title: external

Abstract:

Wetlands are lands that are seasonally or permanently flooded by shallow water. They also include lands where the water table is close to the surface.

The wetland polygons are managed independently from other hydro data classes and may overlap water bodies or other hydro data.

Not all wetlands have been identified and mapped. Active maintenance is ongoing province wide. The currency and accuracy of the spatial representation is variable and

*Due to limitations of the shapefile format, Wetland data can only be downloaded in the file geodatabase format. On Ontario GeoHub, access a file geodatabase by clicking

Additional Documentation

Map identifying the Eco Regions in the Province of Ontario (PDF)

Wetland - Data Description (PDF)

Wetland - User Guide (Word)

Wetland - Documentation (Word)

Status

On going: data is being continually updated

Maintenance and Update Frequency

As needed: data is updated as deemed necessary

Contact

Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit, pmu@ontario.ca

Purpose:

Provides a spatial representation and attribute information for Ontario wetlands.

Dataset language:

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: asNeeded

Resource constraints:

Constraints:

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Resource constraints:

Legal constraints:

Processing environment: Spatial locations and attributes are maintained by the OMNR with the LIO Editor System .; GIS Database: Ontario Land Information Warehouse (OLIW)

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -95.70399999999675
East longitude: -73.29199999999753
North latitude: 57.51099999999806
South latitude: 41.03899999999861

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - custodian:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:**Address:****Delivery point:**

300 Water St. 2nd Floor

City: Peterborough

Administrative area: Ontario

Postal code: K9J 8M5

e-mail address:pmu@ontario.ca

Point of contact - pointOfContact:

Organization's name: Ontario Ministry of Natural Resources and Forestry - Provincial Mapping Unit

Contact information:**Phone:**

Voice: 1 (705) 7551878

Address:

e-mail address:pmu@ontario.ca

Reference System Information:**Reference system identifier:**

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:**Scope of quality information:**

Level of the data: dataset

Lineage:**Source data:**

Level of the source data: A primary source for coincident base features (shorelines, streams, roads, cadastral boundaries etc...). In the spring of 2011 through the Wetland Consolidation project business areas were consulted to identify the best available existing MNR wetland data for each MNR district. The resulting data were added to this data class where it did not overlap existing Evaluated Wetland data. Sources for wetland data included Wetland Interim (OBM/NTS), Forest Resource Inventory (FRI), Southern Ontario Land Recourse Inventory System (SOLRIS) and MNR district data.

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Approximate: +/- 50 m; Vertical: Not Applicable

Distribution Information:**Transfer options:****Online resource:**

Name of resource: Complete File Geodatabase

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/WETLAND.zip>

Connection protocol:

Wildlife Values Area

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2020-04-02

Metadata contact - pointOfContact:

Individual's name: Christine Phair
Organization's name: Integration Branch
Contact's position: Integration Analyst

Contact information:

Phone:

Voice: 705-772-7691

Address:

e-mail address: christine.phair@ontario.ca

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: c4de2fa5d6c8416d875c2cef298f06cf

Resource Identification Information:

Citation:

Title: Wildlife Values Area

Reference date - creation: 2000-01-01

Reference date - revision: 2021-05-28

Presentation format: documentDigital

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: environment

Descriptive keywords - :

Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Integration Branch, plants and animals, wildlife, forest management, breeding, calving, den, fawning, nesting, wintering, resting, staging, travel corridor, migration

Descriptive keywords - :

Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Integration Branch, plants and animals, wildlife, forest management, breeding, calving, den, fawning, nesting, wintering, resting, staging, travel corridor, migration

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Descriptive keywords - :

Keywords: open data, MNRF, Ministry of Natural Resources and Forestry, Integration Branch, plants and animals, wildlife, forest management, breeding, calving, den, fawning, nesting, wintering, resting, staging, travel corridor, migration

Abstract:

The wildlife values area and site datasets represent the consolidation of 13 wildlife data classes collected by the Ministry of Natural Resources and Forestry. The d

breeding
calving and fawning
denning
feeding
staging
nesting
wintering
general habitat areas
nurseries
travel corridors

Locations are represented as points (site) or polygons (area) and may be related to a specific species or described more generally.

Wildlife values data is most often used to support policy and legislation associated with the Crown Forest Sustainability Act. The data may also be used to inform a w

There are additional sensitive features related to provincially tracked species and species at risk that are not available as part of the open data package. Sensitive

This class has related tables. Wildlife Values Area related tables

Additional Documentation

[Wildlife Values Area - Data Description \(PDF\)](#)

[Wildlife Values Area - Documentation \(Word\)](#)

[Wildlife Values User Guide \(PDF\)](#)

Status On going: data is being continually updated Maintenance and Update Frequency

As needed: data is updated as deemed necessary

Contact

Purpose:

Get spatial data on the location of wildlife values features (represented as points and polygons) collected because of their importance to MNR Regional Operations

Dataset language:

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: asNeeded

Resource constraints:

Constraints:

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Extent:

Geographic extent:

Bounding rectangle:

West longitude: -95.15366999999999

East longitude: -74.32011

North latitude: 56.859359999999995

South latitude: 41.676559999999995

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - pointOfContact:

Individual's name: Christine Phair

Organization's name: Integration Branch

Contact's position: Integration Analyst

Contact information:

Phone:

Voice: 705-772-7691

Address:

e-mail address: christine.phair@ontario.ca

Spatial Representation - Vector:

Level of topology for this dataset: geometryOnly

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Reliable: +/- 10 m; Vertical: Not Applicable

Distribution Information:

Transfer options:

Online resource:

Name of resource: Complete File Geodatabase

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/WILDACAR.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location:<https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/WILDACAR.zip>

Connection protocol:

Wooded areas

ISO-19139 Metadata

Metadata Information:

Metadata language:
Metadata character set: utf8

Last update: 2019-04-10

Metadata contact - pointOfContact:

Scope of the data described by the metadata: dataset

Name of the metadata standard used: NAP - Metadata
Version of the metadata standard: 1.2

Metadata identifier: 4e3c079b566c4d31bdf4c945164124ce

Resource Identification Information:

Citation:

Title: Wooded areas
Alternate titles: WOODAREA,

Reference date - creation: 1976-01-01

Reference date - revision: 2018-07-10

Party responsible for the resource - publisher:

Organization's name: Ontario Ministry of Natural Resources and Forestry

Themes or categories of the resource: planningCadastre

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

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Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Theme keywords:

Keywords: LANDSCAPES, FOREST MANAGEMENT, FORESTRY, LAND USE, SHRUBS, WOODLOTS, PLANTATIONS, FOREST RESOURCES, VEGETATION, WOODLOTS FORESTRY, RIPARIAN VEGETATION, MAPPING, LANDS, FOREST INVENTORIES, LAND MANAGEMENT, LAND USE PLANNING, WOODED AREA, HEDGEROWS, WOODLANDS

Citation:

Title: external

Abstract:

This dataset is often used by users without access to the Provincial Forest Resource Inventory data, which contains information like municipalities and non-profit groups.
Wooded Area - Data Description (PDF)
Wooded Area - Documentation (Word)

Status On going: data is being continually updated Maintenance and Update Frequency Irregular: data is updated in intervals that are

Purpose:

This dataset depicts areas in Ontario covered by trees.

Dataset language:

Dataset character set: utf8

Status: onGoing

Maintenance:

Update frequency: irregular

Resource constraints:

Legal constraints:

Processing environment: Data is maintained in the Ontario Ministry of Natural Resources corporate editing environment and updated nightly to the LIO Warehouse for distribution purposes.

Extent:

Geographic extent:

Bounding rectangle:

West longitude: -93.753

East longitude: -75.737

North latitude: 59.934

South latitude: 41.918

Credits:

<https://www.ontario.ca/page/open-government-licence-ontario>

Point of contact - custodian:

Individual's name: Ken Smith

Organization's name: Ministry of Natural Resources and Forestry

Contact information:

Phone:

Voice: 1(705) 946-7471

Fax: 1 (705) 946-2030

Address:

Administrative area: Ontario

e-mail address: ken.smith@ontario.ca

Contact instructions: n/a

Reference System Information:

Reference system identifier:

Value: Grid CS = Geographic (Lat, Long); Map Proj = Not Applicable; Horiz. Datum = NAD83; Vert. Datum = Not Applicable

Data Quality Information:

Scope of quality information:

Level of the data: dataset

Lineage:**Lineage statement:**

SOUTHERN ONTARIO MAPPING STANDARD (EcoRegion 6E and 7E): The Southern Ontario Mapping standard was created through the initial SOLRIS Phase 1 project (2003-2006)

Source data:

Level of the source data: 2008 DRAPE Imagery (Digital Raster Acquisition Project)

Extent:**Extent description:**

Updated eastern portion of Kemptville District (October 2013) - SNCA, Prescott and Russell, SD&G

Geographic extent:**Bounding rectangle:**

West longitude: -75.65869140625

East longitude: -74.20849609375

North latitude: 45.95458984375

South latitude: 44.482421875

Vertical extent:

Minimum value: 0

Maximum value: 0

Source data:

Level of the source data: Indian Remote Sensing (IRS) pansharpened satellite imagery. This imagery was acquired between the spring of 1998 and the fall of 2002. The currency of this imagery varies by individual image used. Data collected from 01/01/1998 to 01/01/2002.

Citation:

Title: IRS Pansharpened Satellite Imagery

Source data:

Level of the source data: Digital orthorectified aerial photography. Data collected from 01/01/2000 to 30/06/2003

Citation:

Title: Orthophotography

Source data:**Citation:**

Title: Ontario Basic Mapping Program

Source data:

Level of the source data: Aerial Photography Data collected from 01/01/1994 to 01/01/2003 Data collected from 01/01/1994 to 01/01/2003

Citation:

Title: Colour Infrared Air Photos

Data quality report - Relative internal positional accuracy:

Measure produced by the test: Horizontal: Positional accuracy of +/- 10 meters in southern Ontario, Positional accuracy of +/- 20 meters in the north ; Vertical: Not Applicable

Distribution Information:**Transfer options:****Online resource:**

Name of resource: Complete File Geodatabase

Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/fgdb/WOODAREA.zip>

Connection protocol:

Online resource:

Name of resource: Complete Shapefile

Online location: <https://www.gisapplication.lrc.gov.on.ca/fmedatadownload/Packages/WOODAREA.zip>

Connection protocol:

Online resource:

Name of resource: QGIS Layer Definition File (.qlr)

Online location: <https://www.sdc.gov.on.ca/sites/MNRF-PublicDocs/EN/CMID/lto-open-qlr-eng/wooded-area.qlr>

Connection protocol:

