

Date	Agency	Contact	Enquiry	Response
24-May-11	Municipality of West Grey	Mark Turner Clerk	Asked whether the Official Plan for the County of Grey was the document used by the municipality.	Municipality of West Grey does not have their own Official Plan, the municipality uses the OP of Grey County for direction.
24-May-11	Saugeen Valley Conservation Authority	Kalena Metcalfe Resources Information Technician	Request for info regarding natural heritage features and associated wildlife/aquatic communities, as well as any available GIS layers for the study area.	Ms. Metcalfe confirmed that study area includes 3 PSWs (Beaver Meadow, Topcliff Swamp and Boothville Swamp). Some historical information (1978) regarding the Beaver Meadow ESA was also provided.
27-May-11	County of Grey	Scott Taylor Senior Planner	After reviewing the OP and associated mapping available on the county's website, Mr Taylor was contacted to ask if any additional info regarding natural heritage features in the area is available from the County of Grey.	Mr. Taylor confirmed that the Official Plan mapping is the only mapping of natural heritage features available in the county. He also stated that the ammendment to the OP (OPA80) has now been approved by the province, such that the mapping associated with OPA80, available on the county's website, should be used as the most current.
7-Jun-11	County of Grey	Carolyn Bailey Planning Technician	Requested GIS shape files of any mapping pertaining to natural heritage features included in the Official Plan.	Ms. Bailey posted the GIS files pertaining to the location of woodlands and hazard lands, as identified in the Official Plan, on the County's ftp site for our use. Ms. Bailey explained that wetland mapping used in the Official Plan was property of MNR. LGL had already obtained the wetland mapping for the study area through MNR.
July 22, July 28, 2011	Ministry of Natural Resources, Owen Sound Area Office	Kathy Dodge Fish and Wildlife Biologist	Requested wetlands evaluations for PSWs and fisheries data for tributaries of Saugeen River within study area.	Ms. Dodge provided wetland evaluations for Dromore Swamp, Dornoch Swamp, Boothville Swamp, Beaver Meadow, Bells Lake and Topcliffe Swamp; and, fisheries data for the Saugeen River and associated tributaries during a visit to the Owen Sound office on July 28, 2011.
22-Jul-11	Ministry of Natural Resources	Crown Land Use Policy Atlas	The Crown Land Use Policy Atlas was searched to determine the location of any provincial parks or conservation reserves documented within the study area.	No such areas were identified within the Study Area.
7-Jun-11	Ministry of Natural Resources	Ontario Wind Resources Atlas	The Renewable Energy Atlas was searched to determine the location of provincial parks, conservation reserves, natural heritage value areas, enhanced management areas, national parks, ANSI, wilderness areas and crown game preserves documented within the study area or project location.	No such areas were identified within the Study Area.
7-Jun-11	Ministry of Natural Resources	Biodiversity Explorer	Biodiversity Explorer was searched to determine the location of any rare vegetation communities or significant natural areas documented within the study area.	No such areas were identified within the Study Area.
20-Sep-11	Ministry of Natural Resources	Amy Cameron, Renewable Energy Field Advisor Renewable Energy Operations Team (REOT)	Request was made for records pertaining to natural heritage features within the project Study Area.	October 4, 2011: Records Review package was received from REOT.

Date	Agency	Contact	Enquiry	Response
4-May-12	Ministry of Natural Resources	Amy Cameron, Renewable Energy Field Advisor Renewable Energy Operations Team (REOT)	Notice was sent that the study area for the East Durham Wind Energy Centre had expanded.	June 12, 2012: Records Review package was received from REOT for revised Study Area. July 17, 2012: Records Review for Water bodies within study area was received from REOT.
26-Jun-12	Saugeen Valley Conservation Authority	Martha Nicol	Requested water quality, fish or benthos data available for watercourses in Study Area.	June 27, 2012: Martha confirmed that a PWQMN station is located upstream of the Study Area and data is available online. Benthos data was provided by SVCA for the same location.
3-Jul-12	Ministry of Environment	Hugh Geurts Surface Water Specialist	Contact was made with Mr. Geurts to discuss data available for the study area pertaining to water quality and fish records.	Mr. Geurts checked MOE records for available publications that might pertain to the Study Area; however, information was limited to a study of Huron beaches (CURB program) and PWQMN stations. PWQMN data was obtained from the MOE website.
2-Aug-11	Saugeen Valley Conservation Authority	Sandra MacDonald GIS Coordinator sandra.macdonald@grey.ca	Follow up email to determine if SVCA had any GIS available for mapped floodlines and regulations	Aug 8, 2011: SVCA confirmed that no digital data was available, a screening procedure by SVCA staff would be necessary once project components were determined to identify where components may be encroaching on regulation limits.
11-Jun-12	Saugeen Valley Conservation Authority	Kalena Metcalfe, Resources Information Technician Nathan Garland, Regulations Officer	Follow up email to determine who could conduct screening of project components for where there might be encroachment into regulation limits.	June 21, 2012: spoke by phone with SVCA who confirmed that Ms. Metcalfe was no longer with the organization and that the person to contact was Nathan Garland (Regulations Officer). Information regarding project components was provided to Nathan Garland for the purpose of screening for regulation limits. July 12, 2012: Mr. Garland provided information regarding where project components were located close to regulation limits.
15-Aug-12	Municipality of West Grey	Mark Turner Clerk	Contacted Mr. Turner for information regarding the percent woodland cover established for the area.	Mr. Turner suggested contacting the County for this information as they didn't have it available.
15-Aug-12	County of Grey	Scott Taylor Senior Planner	Contacted Mr. Taylor for information regarding the percent woodland cover established for the area.	Aug 15, 2012: Mr. Taylor declared a conflict on the file based on the revised study area and referred LGL to Sarah Morrison (intermediate Planner). Ms. Morrison confirmed that the County does not have any information regarding canopy cover and that MNR numbers should be used.
21-Aug-12	Ministry of Natural Resources - Midhurst District	Kevin Reese Forester	Mr. Reese was contacted to obtain data regarding percent canopy cover of woodlands for the Municipality of West Grey or the County of Grey to apply to the NHA.	Aug 21, 2012: Mr. Reese provided a percent canopy cover for both the upper and lower tier municipality and recommended application of the number provided for the Municipality of West Grey for the purpose of the NHA.

REOT

Midhurst District Water Assessment and Water Body Records Review for RE Projects

East Durham Wind Project

Wind, Solar, Biomass

Ministry of Natural Resources

Renewable Energy Operation Team

July 17, 2012

Water Assessment and Water Body Report Records Review

All Renewable Energy Approval (REA) applications submitted to MOE, with the exception of those in respect of Class 2 wind facility, require a water assessment in accordance with sections 29, 30, 31 of O.Reg 359/09. The water assessment includes both records review and site investigation with the purpose of identifying and characterizing water bodies in the vicinity of the project location. A Water Assessment Report must be submitted as part of a complete REA application.

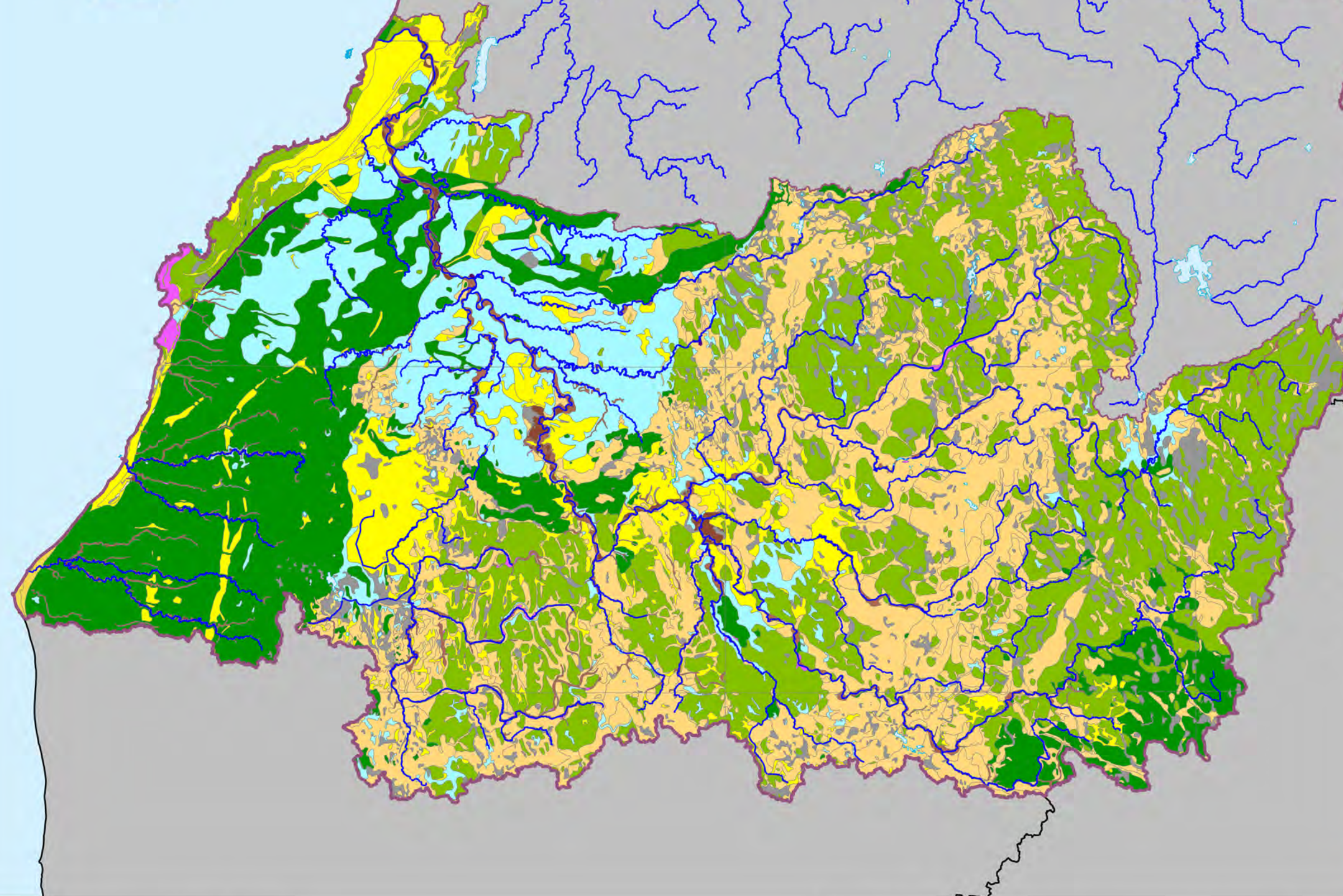
MNR's role in water assessment is to provide all known information about water bodies to the applicant when requested. Through the water records review MNR will also provide the location and status of lake trout lakes (required under section 30, O.Reg 359/09) designated by the MNR for Lake Trout managed near the project location. MNR is not responsible for approving the Water Assessment and Water Body Report.

Feature ID * fish dots	Distance to nearest project component (m)	Water Body Type (river, lake, kettle lake, wetland permanent stream, intermittent stream, etc.)	Thermal Regime (warm, cool, cold, unknown)	Fish Species Composition (if known)	Is the water body designated by MNR for Lake Trout management? (Yes / No)	Special Features (fish spawning, fish migration route, etc)	Information Source(s) (If from data layer include the layer name)
833		Durham Creek	Cold	brown trout, slimy sculpins, blunt nose minnow	no		District fisheries data
834		Durham Creek	Cold	speckled trout, slimy sculpins, central mud minnows, black nose dace	no		District Fisheries data
835		Durham Creek	Cold	brook trout, slimy sculpin, central mudminnow, brook stickleback, black nose dace	no		District fisheries data
827		Durham Creek	Cold	blacknose dace, slimy sculpin	no		District fisheries data
828		Durham Creek	Cold	blacknose	no		District

				dace, rainbow trout, speckled trout			fisheries data
829		Durham Creek	Cold	brook trout, black nose dace, slimy sculpins	no		District fisheries data
830		Durham Creek	Cold	Brook trout, blacknose dace, slimy sculpins, white sucker	no		District fisheries data
831		Durham Creek	Cold	Central mudminnow, brook trout, slimy sculpins	no		District fisheries data
1407		Durham Creek	Cold	White suckers, blacknose dace, unidentified cyprinids	no		District fisheries data
		Saugeen River	Cold	Brown trout, brook trout,	no		Owen Sound District Fisheries Management Plan
1242		Traverston Creek	cold	Brook trout, central mudminnow, blacknose dace, mottled sculpin	no		District fisheries data



LAKE HURON



-  Stream
 -  Source Protection Area Boundary
 -  Source Protection Region Boundary
 -  Neighbouring Source Protection Area
 -  Lake
- Surficial Geology**
-  Paleozoic Bedrock
 -  Sand and Gravel
 -  Nearshore and Beach Deposits
 -  Organic Deposits
 -  Till and Clay
 -  Sand, Silt and Gravel
 -  Muck, Marl and Organic Deposits
 -  Fill and Construction
 -  Stony, Sandy Till
 -  Clayey, Silty Till
 -  Sand, Silt and Minor Gravel
 -  Silt and Clay
 -  Fine Sand and Gravel
 -  Unmapped

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Surficial Geology - Ministry of Northern Development & Mines
MRD 128 © Queen's Printer for Ontario, 2008.



MAP 2.6 SURFICIAL GEOLOGY

Watershed Characterization



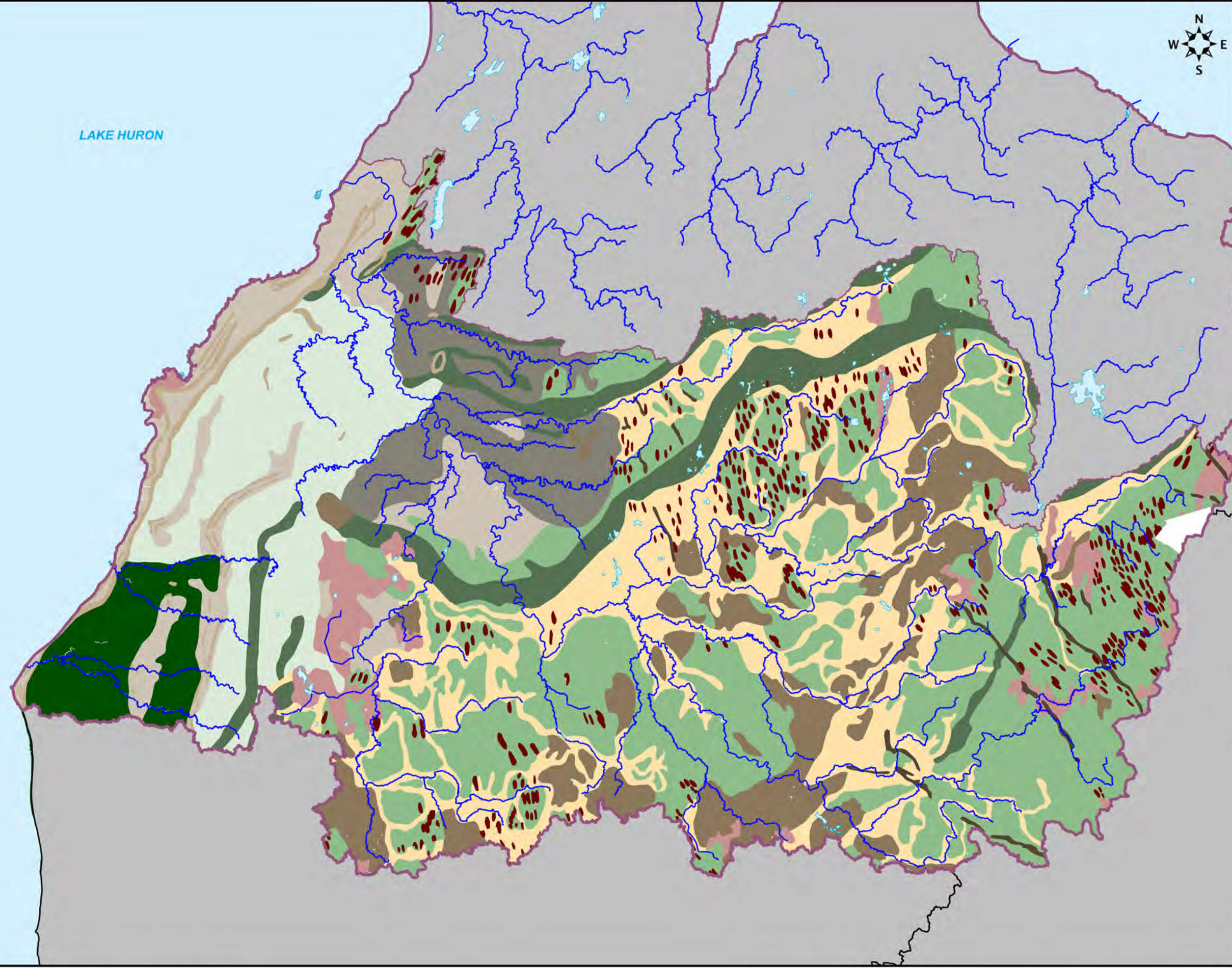
Projection: UTM NAD 83 Zone 17

1 : 360,000

Disclaimer: This map has been compiled from various sources and is intended for illustrative purposes only. It should not be used as a precise indicator of routes nor as a guide to navigation.



LAKE HURON



- Stream
 - Source Protection Area Boundary
 - Source Protection Region Boundary
 - Neighbouring Source Protection Area
- Physiography**
- Beaches and Shorecliffs
 - Bevelled Till Plain
 - Clay Plain
 - Drumlin
 - Escarpment
 - Esker
 - Kame Moraine
 - Limestone Plain
 - Peat and Muck
 - Sand Plain
 - Shale Plain
 - Spillway
 - Till Moraine
 - Till Plain (Drumlinized)
 - Till Plain (Undrumlinized)
 - Lake
 - Unmapped

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Physiography - Derived from L.J. Chapman and D.F. Putnam 'Physiography of Southern Ontario' (1973) by the Ontario Ministry of Agriculture & Food.

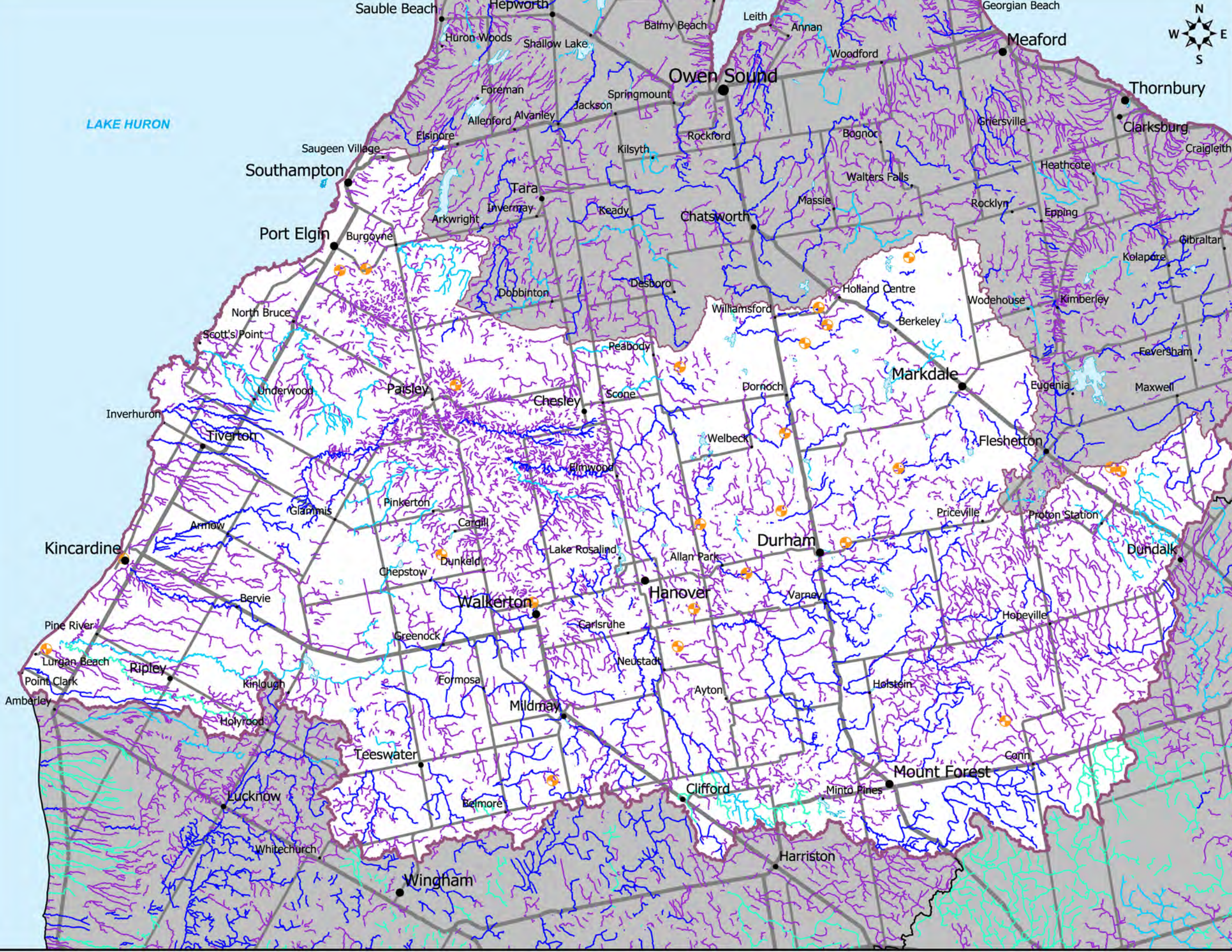


MAP 2.7 PHYSIOGRAPHY

Watershed Characterization

0 10 km Projection: UTM NAD 83 Zone 17 1 : 360,000

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- Community
- Town/Village
- City
- Biomonitoring Site
- County Road
- Highway
- Source Protection Area Boundary
- Source Protection Region Boundary
- Warm Water Stream
- Cool Water Stream
- Cold Water Stream
- Unknown
- Neighbouring Source Protection Area
- Lake

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Stream Thermal Regimes - Ontario Ministry of Natural Resources Aquatic Resources Inventory 1998 - 2006.

Biomonitoring Sites - Saugeen Valley Conservation Authority/Ontario Ministry of the Environment: Ontario Benthic Biomonitoring Network (OBBN).

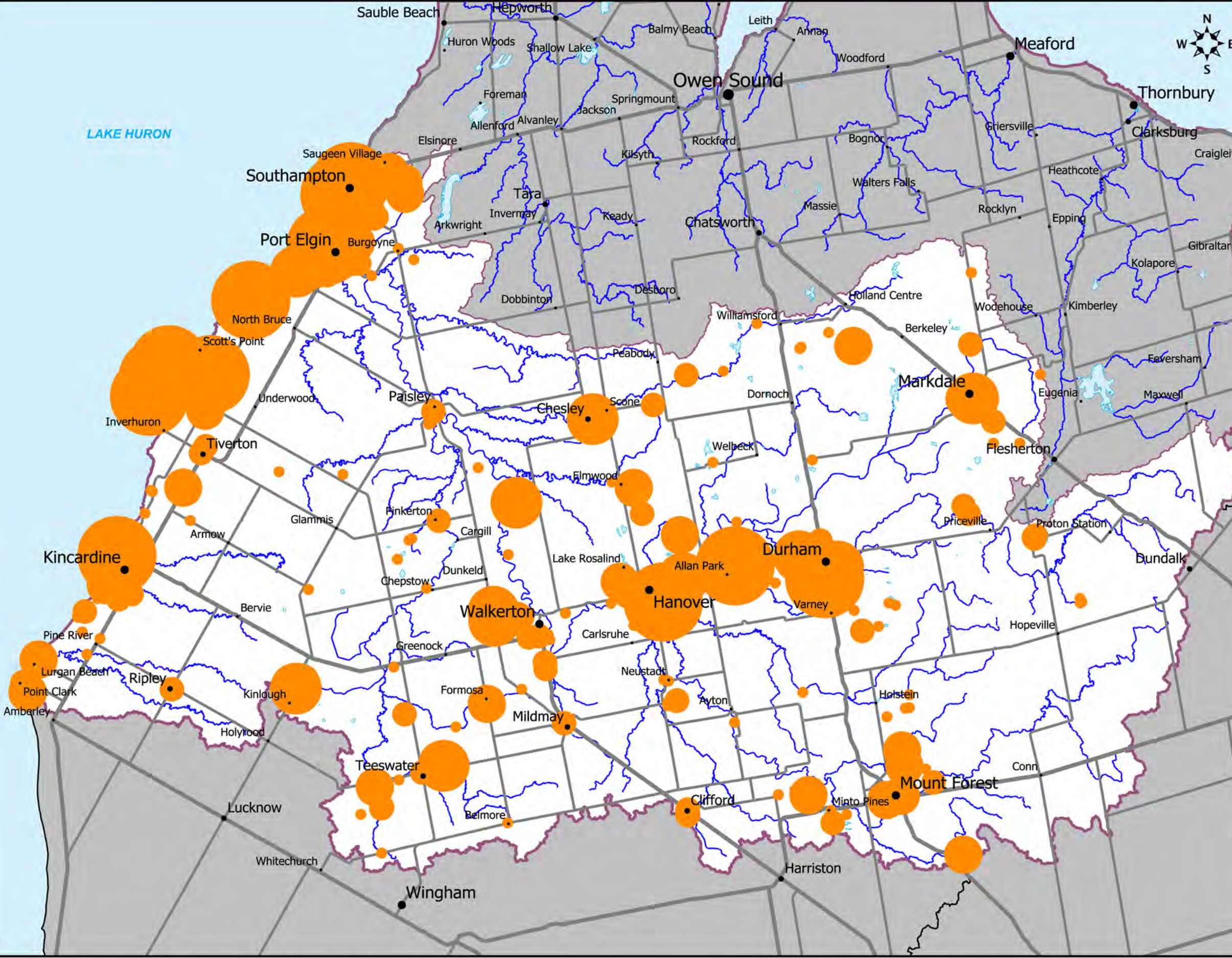


MAP 2.11 STREAM CLASSIFICATION AND BIOMONITORING

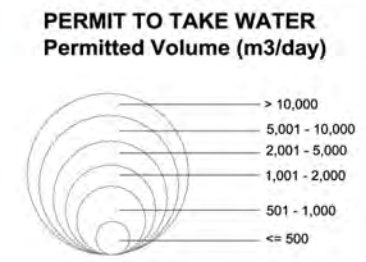
Watershed Characterization

0 10 km Projection: UTM NAD 83 Zone 17 1 : 360,000

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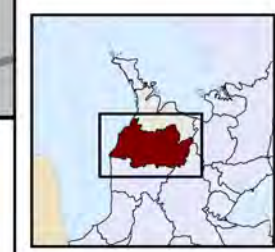


- Community
- Town/Village
- City
- Groundwater Permit
- County Road
- Highway
- Stream
- Source Protection Area Boundary
- Source Protection Region Boundary
- Neighbouring Source Protection Area
- Lake



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Permits to Take Water - Ontario Ministry of the Environment (Permits displayed are current to January 1, 2008).



MAP 3.6 PERMITS TO TAKE WATER - GROUND

Water Quantity Stress Assessment

0 10 km Projection: UTM NAD 83 Zone 17 1 : 360,000

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