

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPT50116
Name: OCONTO COUNTY: LCO-Oconto County Lake Study & Planning Phase 2, Grant 2
Type: Lakes Grant
Subtype: Lake Protection Grant
Status: COMPLETE
Start Date: 02/15/2016
End Date: 12/31/2018
Purpose: The Oconto County Land Conservation Department is sponsoring a project to develop a County Wide Lake Study and Planning Project for Bear, Maiden, Munger, and the Leigh Flowage during the period February 2016 \2013 December 2018. The project elements and deliverables are specified in the Oconto County Land Conservation Department\2019s Grant application dated December 9, 2015.

Project final deliverables include: 1)Meet the Scientist meetings 2)Water Quality Analysis 3)Shoreline Course Woody Habitat Assessment, 4) Current Aquatic Plant Community Assessment, 5) Groundwater Modeling 6) Socioeconomic Survey 7) Lake Leader Institute participants 8) Updated lake bathymetry

Specific project activities include:

- 1) Water quality using WisCALM comparisons <http://dnr.wi.gov/topic/surfacewater/assessments.html>
- 2) Groundwater modeling using GFlow Model
- 3) Conduct Point Intercept survey consistent with DNR Protocol <http://www.uwsp.edu/cnr-ap/UWEXLakes/Documents/ecology/Aquatic%20Plants/PI-Protocol-2010.pdf> 30
- 4) Completion of WDNR-approved social survey using DNR protocol <http://intranet.dnr.state.wi.us/int/es/science/socialmanual.htm>
- 5) Shoreline and course Woody Habitat Assessment per DNR protocol.

Special Conditions:

- 1) CLMN efforts should not be duplicated and these data shall be included in the trends analysis and final reporting;
- 2) All CLMN shall be entered into the SWIMS database.

Objective:

Comments: Grantee is OCONTO COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
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Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	The Oconto County Land Conservation Department is sponsoring a project to develop a County Wide Lake Study and Planning Project for Bear, Maiden, Munger, and the Leigh Flowage during the period February 2016 - December 2018.	02/15/2016	12/31/2018	COMPLETE

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Action	Detailed Description	Start	End Date	Status
Lake Management Plan Development	The Oconto County Land Conservation Department is sponsoring a project to develop a County Wide Lake Study and Planning Project for Bear, Maiden, Munger, and the Leigh Flowage during the period February 2016 - December 2018. The project elements and deliverables are specified in the Oconto County Land Conservation Department's Grant application dated December 9, 2015.	02/15/2016	12/31/2018	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Bear Lake Study Summary Report 2018	This report summarizes data collected during the 2016-2017 lake study. Includes water quality and clarity measurement results, groundwater flow and surface watershed information, shoreland conditions, and PI survey results.	University of Wisconsin-Stevens Point, Center for Watershed Science and Education	01/01/2018	
Leigh Flowage Study Summary Report 2018	This report summarizes data collected during the 2016-2017 lake study. Includes water quality and clarity measurement results, groundwater flow and surface watershed information, shoreland conditions, and PI survey results.	University of Wisconsin-Stevens Point, Center for Watershed Science and Education	01/01/2018	
Maiden Lake Study Summary Report 2018	This report summarizes data collected during the 2016-2017 lake study. Includes water quality and clarity measurement results, groundwater flow and surface watershed information, shoreland conditions, and PI survey results.	University of Wisconsin-Stevens Point, Center for Watershed Science and Education	01/01/2018	
Munger Lake Study Summary Report 2018	This report summarizes data collected during the 2016-2017 lake study. Includes water quality and clarity	University of Wisconsin-Stevens Point, Center for	01/01/2018	

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Oconto County Lakes Survey Results	<p>measurement results, groundwater flow and surface watershed information, shoreland conditions, and PI survey results.</p> <p>In spring 2017, as part of the Oconto Lakes Study and Planning Project, a survey was conducted by Dr. Aaron Thompson from UW-Stevens Point. Much of the survey information presented in this document originated from his report. The survey was sent to 870 property owners throughout the county to obtain their viewpoints about Oconto County lakes. A 45.8% response rate, totaling 400 responses, was received. Nearly equal representation was provided by landowners from agricultural, forestry, rural residential, and urban areas. A high percentage of respondents indicated that their primary residence is in Oconto County and that they have spent a majority of their lives in the county. A majority of the respondents did not live on or near water</p>	<p>Watershed Science and Education</p> <p>Aaron Thompson</p>	12/14/2017	
Operational Strategy and Plan for Surface Water Management and Protection in Oconto County 2018	<p>This strategy and plan is designed to provide guidance on the county and its partner's roles in maintaining healthy waterbodies throughout the county. Deliberate management and protection of the lake and rivers is necessary to maintain them in a healthy and desirable state. Impacts to the waterbodies may originate in their watershed or on the shorelands. Cumulatively, a number of activities on the landscape can contribute to objectionable impacts to these waterways; however, there are ways to reduce or even eliminate many of these impacts.</p>	<p>Center for Watershed Science & Education, University of Wisconsin & Stevens Point</p>	01/01/2018	

Budget

Combined Budgets:
 Combined SLOH:
 Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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