

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL165718
Name: POLK COUNTY: Magnor Lake Water Quality Assessment & LMP Development
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: ACTIVE
Start Date: 02/15/2018
End Date: 06/30/2021
Purpose: Polk County is sponsoring a water quality and Lake Management Plan project for Magnor Lake.

Project deliverables include GIS data & maps of areas monitored; water quality, flow, precipitation, and water level data, shoreline monitoring data and report, phytoplankton data & analysis, watershed modeling, aquatic plant data and reports, and a Comprehensive Lake Management Plan that meets the requirements of NR 191.45.

Specific project activities include: 1) In-lake chemistry monitoring; 2) Tributary chemistry and flow monitoring; 3) Lake water level monitoring; 4) Precipitation monitoring; 5) Shoreline monitoring; 6) Phytoplankton monitoring; 7) Spring and summer whole lake point intercept aquatic plant surveys; 8) Watershed modeling using LiDAR; 9) Sociological survey; 10) Comprehensive Lake Management Plan.

Special Conditions: 1) CLMN efforts should not be duplicated, and these data shall be included in the trends analysis and final reporting; 2) Sponsor shall contact DNR immediately if a new AIS is found; 3) All monitoring data shall be entered into SWIMS; 4) WDNR\2019s Aquatic Plant Management in Wisconsin guidance shall be followed for point-intercept survey monitoring and aquatic plant management plan development. The NOR Native Plant Protection Strategy shall be integrated into the plan; 5) Draft sociological surveys must be reviewed and approved by the Department before being initiated.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. The grant sponsor shall submit all data, records, and reports, including GIS-based maps and digital images, to the Department in a format specified by the regional Lakes Biologist.

Objective:
Comments: Grantee is POLK COUNTY
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Anderson, Katelin	TEAM_MEMBER	ACTIVE	12/17/2018		Polk County	
Polk County Land and Water	GRANT_RECIPII	ACTIVE	02/15/2018		Polk County Land and Water Resources Dept.	
Zygowicz, Carol	DATA_ENTRY	ACTIVE	06/04/2019		Polk County Land and Water Resources Department	
Zygowicz, Carol	TEAM_MEMBER	OTHER	05/10/2019	06/04/2019	Polk County Land and Water Resources Department	changed role to see to find one allowing her to enter documents

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Polk County is sponsoring a water quality and Lake Management Plan project for Magnor Lake.</p> <p>Project deliverables include GIS data & maps of areas monitored; water quality, flow, precipitation, and water level data, shoreline monitoring data and report, phytoplankton data & analysis, watershed modeling, aquatic plant data and reports, and a Comprehensive Lake Management Plan that meets the requirements of NR 191.45.</p> <p>Specific project activities include: 1) In-lake chemistry monitoring; 2) Tributary chemistry and flow monitoring; 3) Lake water level monitoring; 4) Precipitation monitoring; 5) Shoreline monitoring; 6) Phytoplankton monitoring; 7) Spring and summer whole lake point intercept aquatic plant surveys; 8) Watershed modeling using LiDAR; 9) Sociological survey; 10) Comprehensive Lake Management Plan.</p>	02/15/2018	06/30/2020	COMPLETE

Monitoring Stations

Station ID	Name	Comments
493166	Magnor Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2624600	1	Magnor Lake (Richardson)	Magnor Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
SECCHI_TEMPDO_PLI	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/08/2018	COMPLETE		493166	Magnor Lake - Deep Hole
05/22/2018	COMPLETE		493166	Magnor Lake - Deep Hole
06/12/2018	COMPLETE		493166	Magnor Lake - Deep Hole
06/25/2018	COMPLETE		493166	Magnor Lake - Deep Hole
07/16/2018	COMPLETE		493166	Magnor Lake - Deep Hole
08/03/2018	COMPLETE		493166	Magnor Lake - Deep Hole
08/13/2018	COMPLETE		493166	Magnor Lake - Deep Hole

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Start Date	Status	Field ID	Station ID	Station Name
08/31/2018	COMPLETE		493166	Magnor Lake - Deep Hole
09/13/2018	COMPLETE		493166	Magnor Lake - Deep Hole
10/16/2018	COMPLETE		493166	Magnor Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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