

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID:

LPL-817-02

Name:

LAKE POYGAN SPORTSMAN'S CLUB: Winnebago Remote Sensing & Trophic Monitoring Project

Type:

Lakes Grant

Subtype:

Large Scale Lake Planning

Status:

COMPLETE

Start Date:

4/1/2002

End Date:

12/31/2004

Purpose:

The Lake Poygan Sportsman Club proposes to conduct Remote Sensing Analysis on the Lake Winnebago System. The product of this grant component will be a database of physical and chemical parameters to include total phosphorous, Chlorophyll a, Suspended solids; Volatile suspended solids, nitrate-nitrite, and Kjeldahl nitrogen. Eight sampling events will be scheduled to correspond with satellite flyovers. The PSC is sponsoring one year of lab analysis of water samples and travel expenses to conduct the lake appraisals on Winnebago, Winneconne, Poygan and Butte Des Mort.

This project is a component of a larger partnership with UW-Madison remote Sensing Lab, NASA, and the Green Bay Metropolitan Sewer District that will develop a software toolkit for the regional and local application of remote sensing technology. This application may involve the appraisal of trophic conditions within the lakes using satellite imaging, tracking aquatic vegetation coverage, and guiding lake use during bloom conditions.

AMENDMENT #1: Additional objectives will include the printing and distribution of a recently completed Lake Winnebago System Water Quality Report. This report integrates with the remote sensing project.

Objective:

Comments:

Grantee is LAKE POYGAN SPORTSMAN'S CLUB

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Lake Poygan Sportsmen's Club,	GRANT_RECIPIENT	ACTIVE	4/1/2002	12/31/2004	Lake Poygan Sportsmen's Club	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Water Quality or Sediment	10100314	4/1/2002		PROPOSED

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Grant Awarded	The Lake Poygan Sportsman Club proposes to conduct Remote Sensing Analysis on the Lake Winnebago System. The product of this grant component will be a database of physical and chemical parameters to include total phosphorous, Chlorophyll a, Suspended solids; Volatile suspended solids, nitrate-nitrite, and Kjeldahl nitrogen. Eight sampling events will be scheduled to correspond with satellite flyovers. The PSC is sponsoring one year of lab analysis of water samples and travel expenses to conduct the lake appraisals on Winnebago, Winneconne, Poygan and Butte Des Morts.	4/1/2002		COMPLETE
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Monitoring Stations

Station ID	Name	Comments
713252	Lake Butte Des Morts - East End Bu3	
713250	Lake Butte Des Morts - Site 1 - West End	
713279	Lake Poygan - East (P03)	
713277	Lake Poygan - West (P01)	
713243	Lake Winnebago - 2 Mi From Neenah	
713245	Lake Winnebago - 3 Mi Oshkosh	
713244	Lake Winnebago - Deep Hole-South End	
713282	Lake Winneconne - Central (Wi-2)	
713281	Lake Winneconne - West (Wi-1)	

Assessment Units

WBIC	Segment	Local Name	Official Name
117900	4	Fox River (At Oshkosh)	Fox River
131100	1	Lake Winnebago	Lake Winnebago
131800	1	Unnamed	Unnamed
132600	1	Van Dyne Creek	Van Dyne Creek
139900	1	Lake Butte Des Morts	Lake Butte des Morts
241600	1	Winneconne Lake	Lake Winneconne
242800	1	Poygan Lake	Lake Poygan

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	Method Description
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7/25/2024

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Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
4/30/2002 10:00	COMPLETE	BDE	713252	Lake Butte Des Morts - East End Bu3
4/30/2002 10:30	COMPLETE	BDW	713250	Lake Butte Des Morts - Site 1 - West End
4/30/2002 13:00	COMPLETE	PYW	713277	Lake Poygan - West (P01)
4/30/2002 13:30	COMPLETE	PYE	713279	Lake Poygan - East (P03)
6/17/2002 12:30	COMPLETE	WS1	713244	Lake Winnebago - Deep Hole-South End
6/17/2002 12:35	COMPLETE	WS2	713244	Lake Winnebago - Deep Hole-South End
6/17/2002 13:30	COMPLETE	WM1	713245	Lake Winnebago - 3 Mi Oshkosh
6/17/2002 13:35	COMPLETE	WM2	713245	Lake Winnebago - 3 Mi Oshkosh
6/17/2002 14:40	COMPLETE	WN1	713243	Lake Winnebago - 2 Mi From Neenah
6/17/2002 14:50	COMPLETE	WN2	713243	Lake Winnebago - 2 Mi From Neenah
6/17/2002 16:25	COMPLETE	BDE	713252	Lake Butte Des Morts - East End Bu3
6/17/2002 16:55	COMPLETE	BDW	713250	Lake Butte Des Morts - Site 1 - West End
6/17/2002 17:25	COMPLETE	PYE	713279	Lake Poygan - East (P03)
6/17/2002 18:00	COMPLETE	PYW	713277	Lake Poygan - West (P01)
6/28/2002 9:45	COMPLETE	WS1	713244	Lake Winnebago - Deep Hole-South End
6/28/2002 9:50	COMPLETE	WS2	713244	Lake Winnebago - Deep Hole-South End
6/28/2002 10:30	COMPLETE	WM1	713245	Lake Winnebago - 3 Mi Oshkosh
6/28/2002 10:35	COMPLETE	WM2	713245	Lake Winnebago - 3 Mi Oshkosh
6/28/2002 12:25	COMPLETE	WN1	713243	Lake Winnebago - 2 Mi From Neenah
6/28/2002 12:30	COMPLETE	WN2	713243	Lake Winnebago - 2 Mi From Neenah
7/12/2002 12:20	COMPLETE	BDE	713252	Lake Butte Des Morts - East End Bu3
7/12/2002 12:40	COMPLETE	BDW	713250	Lake Butte Des Morts - Site 1 - West End
7/12/2002 13:10	COMPLETE	WNW	713281	Lake Winneconne - West (Wi-1)
7/12/2002 13:15	COMPLETE	WNM	713282	Lake Winneconne - Central (Wi-2)
7/12/2002 14:00	COMPLETE	PYE	713279	Lake Poygan - East (P03)
7/19/2002 9:00	COMPLETE	WS1	713244	Lake Winnebago - Deep Hole-South End
7/19/2002 10:30	COMPLETE	WM1	713245	Lake Winnebago - 3 Mi Oshkosh
7/19/2002 12:30	COMPLETE	WB5	713245	Lake Winnebago - 3 Mi Oshkosh
7/19/2002 13:30	COMPLETE	WN1	713243	Lake Winnebago - 2 Mi From Neenah
8/20/2002 16:00	COMPLETE	BDW	713250	Lake Butte Des Morts - Site 1 - West End
8/20/2002 16:30	COMPLETE	BDE	713252	Lake Butte Des Morts - East End Bu3
8/22/2002	COMPLETE	PYE	713279	Lake Poygan - East (P03)
8/22/2002	COMPLETE	PYW	713277	Lake Poygan - West (P01)

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9/5/2002 10:15	COMPLETE	WN1	713243	Lake Winnebago - 2 Mi From Neenah
9/5/2002 10:20	COMPLETE	WN2	713243	Lake Winnebago - 2 Mi From Neenah
9/5/2002 12:00	COMPLETE	WS1	713244	Lake Winnebago - Deep Hole-South End
9/5/2002 12:05	COMPLETE	WS2	713244	Lake Winnebago - Deep Hole-South End
5/6/2003 11:30	COMPLETE	WS1	713244	Lake Winnebago - Deep Hole-South End
5/6/2003 12:25	COMPLETE	WN1	713243	Lake Winnebago - 2 Mi From Neenah
5/6/2003 12:30	COMPLETE	WN2	713243	Lake Winnebago - 2 Mi From Neenah
5/6/2003 14:10	COMPLETE	WS2	713244	Lake Winnebago - Deep Hole-South End
5/8/2003 13:00	COMPLETE	BDE	713252	Lake Butte Des Morts - East End Bu3
5/8/2003 13:30	COMPLETE	BDW	713250	Lake Butte Des Morts - Site 1 - West End
5/8/2003 14:15	COMPLETE	PYE	713279	Lake Poygan - East (P03)
5/8/2003 14:40	COMPLETE	PYW	713277	Lake Poygan - West (P01)

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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