

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPT-069

**Name:** GOLDEN SANDS: LMI-Petenwell Flowage Water Quality Monitoring

**Type:** Lakes Grant

**Subtype:** Lake Protection Grant

**Status:** COMPLETE

**Start Date:** 9/10/1997

**End Date:** 6/30/2001

**Purpose:** Golden Sands Resource Conservation and Development Council, Inc. proposes to complete the second year of funding for water quality modeling of the Petenwell Flowage. The models being used in applying the methodology on Petenwell Flowage include: 1) the Flux Reservoir loading Model, 2) Profile Model, 3) Bathtub Model. Implementation of this plan will provide information on the following: 1) water/nutrient budget for the Petenwell Flowage, 2) sources of nutrients, 3) effects of nutrient reduction, and 4) prediction of the total maximum daily loads necessary to reach desired target nutrient levels. A working Model will be provided as well as a final report will be available for interested parties.

**Objective:**

**Comments:** Grantee is GOLDEN SANDS

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Golden Sands RC&D Council, Inc	GRANT_RECIPIENT	ACTIVE	9/10/1997	6/30/2001	Golden Sands RC&D Council, Inc.	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start Date	End Date	Status
Nutrient Budget Development		9/10/1997	6/30/2001	PROPOSED
Water Quality Modeling		9/10/1997	6/30/2001	PROPOSED

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Grant Awarded	Golden Sands Resource Conservation and Development Council, Inc. proposes to complete the second year of funding for water quality modeling of the Petenwell Flowage. The models being used in applying the methodology on Petenwell Flowage include: 1) the Flux Reservoir loading Model, 2) Profile Model, 3) Bathtub Model. Implementation of this plan will provide information on the following: 1) water/nutrient budget for the Petenwell Flowage, 2) sources of nutrients, 3) effects of nutrient reduction, and 4) prediction of the total maximum daily loads necessary to reach desired target nutrient levels. A working Model will be provided as well as a final report will be available for interested parties.	9/10/1997		COMPLETE
Water Quality Modeling	Golden Sands Resource Conservation and Development Council, Inc. proposes to complete the second year of funding for water quality modeling of the Petenwell Flowage. Implementation of this plan will provide information on the following: 1) water/nutrient budget for the Petenwell Flowage, 2) sources of nutrients, 3) effects of nutrient reduction, and 4) prediction of the total maximum daily loads necessary to reach desired target nutrient levels. A working Model will be provided as well as a final report will be available for interested parties.	9/10/1997	6/30/2001	COMPLETE

**Details: Parameter****Value/Amount****Units****Comments**

Total Phosphorus

Total Suspended Solids

**Monitoring Stations**

Station ID	Name	Comments
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**Assessment Units**

WBIC	Segment	Local Name	Official Name
1033600	1	Un Lake	Unnamed
1179000	2	Windowpane Lake	Windowpane Lake
1179900	8	Wisconsin River (At Petenwell Lake)	Wisconsin River
1179900	9	Wisconsin River	Wisconsin River
1377100	1	Petenwell Flowage	Petenwell Lake
1377200	1	Chester Creek	Chester Creek
1377400	1	Twin Lakes	Twin Lakes
1377500	1	Fourteenmile Creek	Fourteenmile Creek
5553618	1	Unnamed Water Adjacent to Petenwell Lake	Unnamed
5553698	1	Unnamed	Unnamed
5553973	1	Unnamed Lake	Unnamed

8/28/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

5553989	1	Unnamed Water Adjacent to Petenwell Lake	Unnamed
5554404	1	Unnamed	Unnamed
5554496	1	Unnamed	Unnamed
5554596	1	Unnamed	Unnamed
5557169	1	Local Water	Unnamed

### 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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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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### 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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