

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-360

Name: GOLDEN SANDS: Petenwell Flowage Water Quality Modeling

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 3/28/1996

End Date: 6/30/2000

Purpose: Golden Sands proposes to conduct water quality modeling on the Petenwell Flowage to identify nutrient loads. Project activities include 1)applying the FLUX, BATHTUB, and PROFILE models, resulting in model outputs and data summaries; 2) determining water and nutrient budgets, resulting in a report; 3) predicting the effects of nutrient reductions on other in-lake environmental variables, resulting in a report; and 4) specifying the total maximum daily loads needed to reach target nutrient levels, resulting in a report. The sponsor will disseminate information to the public about the results of the project by public meeting and summary report mailing. The sponsor will also provide the Department of Natural Resources with a paper copy of the final report. End.

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	3/28/1996	6/30/2000	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
Monitor Water Quality or Sediment		3/28/1996	6/30/2000	PROPOSED
Water Quality Modeling	10100421	3/28/1996		PROPOSED

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Grant Awarded	Golden Sands proposes to conduct water quality modeling on the Petenwell Flowage to identify nutrient loads. Project activities include 1)applying the FLUX, BATHTUB, and PROFILE models, resulting in model outputs and data summaries; 2) determining water and nutrient budgets, resulting in a report; 3) predicting the effects of nutrient reductions on other in-lake environmental variables, resulting in a report; and 4) specifying the total maximum daily loads needed to reach target nutrient levels, resulting in a report. The sponsor will disseminate information to the public about the results of the project by public meeting and summary report mailing.	3/28/1996		COMPLETE
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
1179000	2	Windowpane Lake	Windowpane Lake
1179900	8	Wisconsin River (At Petenwell Lake)	Wisconsin River
1377100	1	Petenwell Flowage	Petenwell Lake

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
PETENWELL FLOWAGE WATER QUALITY MODELING	Lakes Planning Report	Grant Recipient	6/30/2000	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

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Funding					
Organization	Source	Type	Amount	Start Date	End Date