

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-073 (2006-1)

Name: GREEN LAKE ASSOCIATION, INC.: Big Green Lake Phos. Reduction Feas. Study & Public Survey

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/12/1991

End Date: 12/31/1993

Purpose: Project to evaluate feasibility and public acceptance of a PL 566 project for Big Green Lake Watershed. Will involve a mail questionnaire to are residents to assess: a) public opinion of large water impoundments, b) public opinion of eminent domain andcondemnation powers, c) which units of government will need to be involved with the project and at what level. A copy of the survey is to be provided to the department. A final report will be prepared summarizing the results, and will be provided to thedepartment and interested members of the public. Project to assess feasibility and costs of further phosphorus reduction from effluent of Ripon Sewage Treatment Plant: a) evaluation of current phosphorus removal practices and their associated costs, b)evaluation of various strategies to reduce levels of phosphorus being discharged as to their costs and their potential for phosphorus reduction, c) small-scale pilot program implementing option chosen from evaluation in b. above, devaluation and monitoring of phosphorus reduction in conjunction with pilot program. Will involve collection of 80 samples to be analyzed for total phosphorus. Results will help determine the per unit cost of phosphorus reduction.

Objective:

Comments: Grantee is GREEN LAKE ASSOCIATION, INC.

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Green Lake Association Inc,	GRANT_RECIPIENT	ACTIVE	4/12/1991	12/31/1993	Green Lake Association Inc	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Project to evaluate feasibility and public acceptance of a PL 566 project for Big Green Lake Watershed. Will involve a mail questionnaire to are residents to assess: a) public opinion of large water impoundments, b) public opinion of eminent domain andcondemnation powers, c) which units of government will need to be involved with the project and at what level.	4/12/1991		COMPLETE

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Diagnostic/Feasibility Assessment	Assess feasibility and costs of further phosphorus reduction from effluent of Ripon Sewage Treatment Plant: a) evaluation of current phosphorus removal practices and their associated costs, b)evaluation of various strategies to reduce levels of phosphorus being discharged as to their costs and their potential for phosphorus reduction, c) small-scale pilot program implementing option chosen from evaluation in b. above, devaluation and monitoring of phosphorus reduction in conjunction with pilot program	4/12/1991		PROPOSED
Social Survey of Residents or Users	Conducted a survey of residents, by mail, to assess: a) public opinion of large water impoundments, b) public opinion of eminent domain andcondemnation powers, c) which units of government will need to be involved with the project and at what level.	4/12/1991	12/31/1993	PROPOSED
Monitor Water Quality or Sediment		4/12/1991	12/31/1993	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
145200	1	Puchyan River	Puchyan River
146100	1	Green Lake (Big Green)	Green Lake
146100	6	Pilgrim Center Beach, Green Lake	Green Lake
146100	9	Green Lake (Northern Lobe)	Green Lake
146100	10	Green Lake	Green Lake
146800	3	Silver Creek Mouth	Silver Creek
148000	1	Spring Creek	Spring Creek
3000531	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

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Title	Description	Author	Published	Comments
Lake Water Quality Model Study for Big Green Lake, Green Lake Co. Wisconsin	Big Green Lake is located in Green Lake County of east central Wisconsin. The lake has a surface area of 7.346 acres, mean and maximum depths of 104 and 236 feet, respectively . The lake has two principal inflows, Silver Creek from the east and the Southwest Inlet. After a number of lake planning grants the Lake District received a lake protection grant from the DNR in 1998 to complete a diagnostic feasibility study. One component of the diagnostic study process is the development of a water and nutrient budget for the lake as well as a water quality model. The model will be used in the goal setting process to evaluate the impact of watershed pollutant load reduction on water quality improvement. This report will focus on the methods, results and discussion pertaining to modeling. Any other aspects of the monitoring or diagnostic work will be discussed only briefly and limited in context to modeling.	John Panuska	7/15/1999	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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