

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPT-194-03

Name: GREEN LAKE SANITARY DISTRICT: RES-Green Lake Carp Barrier Project

Type: Lakes Grant

Subtype: Lake Protection Grant

Status: COMPLETE

Start Date: 7/1/2002

End Date: 6/30/2003

Purpose: This project will install two carp barriers at key locations tributary to Green Lake. Both areas to be protected are deep water marshes that flow through channel constrictions (bridges) into Green lake. These marsh areas have historically supported carp activity and recruitment. Each barrier will be constructed to allow boat passage yet prevent carp movement. One barrier will be installed at CTH "A" on the east end, the 2nd barrier at CTH "K" (also known as County Park Marsh/Wurches Creek) on the southwest corner of the lake.

The barriers will prevent carp migration and spawning in critical habitat areas flowing into the main basin of Green Lake. By retarding carp activity in the very shallow and broad tributary areas at these locations we expect the following benefits realized: 1) Aquatic plant growth will be enhanced in density and areal coverage as a result of the prevention of sediment resuspension and plant root disruption attributable to carp; 2) Water quality in the protected marsh will improve; better clarity, less suspended material in the water of the deepwater marsh areas. It is likely that more deposition will occur within the marsh zone due to improved retention of solids; 3) Water quality of the lake (within the mixing zone of the tributary and ultimately the lake itself) will improve due to lower loadings of suspended materials and nutrients; 4) Ducks, herons, egrets, raptors and furbearing animal use will increase.

In one of the locations carp will be trapped by an existing trap setup located adjacent to the barrier. The barriers will be constructed of vertical iron bars with a moveable gate that would allow boat passage and fish passage during critical spawning periods. Maintenance will be conducted by the Sanitary District staff (not part of the grant dollar request). The final design would be made available to other projects needing designs.

Objective:

Comments: Grantee is GREEN LAKE SANITARY DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Green Lake Sanitary District,	GRANT_RECIPIENT	ACTIVE	7/1/2002	6/30/2003	Green Lake Sanitary District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Carp Barrier	Installed Carp Barriers	7/1/2002	6/30/2003	PROPOSED

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Grant Awarded	This project will install two carp barriers at key locations tributary to Green Lake. Both areas to be protected are deep water marshes that flow through channel constrictions (bridges) into Green lake. These marsh areas have historically supported carp activity and recruitment. Each barrier will be constructed to allow boat passage yet prevent carp movement. One barrier will be installed at CTH "A" on the east end, the 2nd barrier at CTH "K" (also known as County Park Marsh/Wurches Creek) on the southwest corner of the lake.	7/1/2002		COMPLETE
Fish Management, Access	This project will install two carp barriers at key locations tributary to Green Lake. Both areas to be protected are deep water marshes that flow through channel constrictions (bridges) into Green lake. These marsh areas have historically supported carp activity and recruitment. Each barrier will be constructed to allow boat passage yet prevent carp movement.	7/1/2002	6/30/2003	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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
146800	3	Silver Creek Mouth	Silver 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

Title	Description	Author	Published	Comments
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Budget

7/5/2024

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Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date