

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-1301-09

**Name:** MIRROR LAKE MANAGEMENT DISTRICT: Mirror Lake Tributary Erosion Control Planning

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2009

**End Date:** 12/31/2010

**Purpose:** The Rock Lake Improvement Association plans to identify sources of bacteria, sediment and nutrients to Rock Lake, Sauk County, from the Southwest Subwatershed of the lake, known as Miljoha Shores, and suggesting viable solutions to the problem. They will monitor the stream and channel during lowflow and rainfall events to identify pollution sources, estimate loading rates, collect fish specimens to characterize the aquatic communities, and provide design specifications to eliminate or reduce the pollution sources. Deliverables include a final report with raw and interpreted data to characterize aquatic community and water quality, as well as pollution sources identified, and recommendations for water quality improvements in the stream. Final results will be shared at a public lake association meeting.

**Objective:**

**Comments:** Grantee is MIRROR LAKE MANAGEMENT DISTRICT

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Mirror Lake District,	GRANT_RECIPIENT	ACTIVE	4/1/2009	12/31/2010	Mirror Lake District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Wisconsin Department of Natural Resources  
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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	The Rock Lake Improvement Association plans to identify sources of bacteria, sediment and nutrients to Rock Lake, Sauk County, from the Southwest Subwatershed of the lake, known as Miljoha Shores, and suggesting viable solutions to the problem. They will monitor the stream and channel during lowflow and rainfall events to identify pollution sources, estimate loading rates, collect fish specimens to characterize the aquatic communities, and provide design specifications to eliminate or reduce the pollution sources. Deliverables include a final report with raw and interpreted data to characterize aquatic community and water quality, as well as pollution sources identified, and recommendations for water quality improvements in the stream. Final results will be shared at a public lake association meeting.	4/1/2009	12/31/2010	COMPLETE
Informational Meetings		4/1/2009	12/31/2010	PROPOSED
Monitor Fish Community		4/1/2009	12/31/2010	PROPOSED
Monitor or Assess Watershed Condition		4/1/2009	12/31/2010	PROPOSED
Lakes Planning Grant		4/1/2009	12/31/2010	PROPOSED
Monitor Water Quality or Sediment		4/1/2009	12/31/2010	PROPOSED
Project Deliverable	final report with raw and interpreted data to characterize aquatic community and water quality, as well as pollution sources identified, and recommendations for water quality improvements in the stream.	4/1/2009	12/31/2010	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
1295200	2	Dell Creek	Dell Creek
1296000	1	Mirror Lake	Mirror 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

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Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Mirror Lake Sediment & Nutrient Reduction Study Report - Mirror Lake Management District - Lake Delton, Wisconsin	Recommendations to reduce the inflow of sediment and nutrients to help further improve the water quality of Mirror Lake.	Vierbicher Associates, Inc.	8/17/2010	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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