

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-937-04
Name: CLEAR LAKE ASSOCIATION: Clear Lake WQ Monitoring & Watershed Assessment
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 04/01/2004
End Date: 12/31/2006
Purpose: Deliverables as listed in the final application dated January 28, 2004, plus the following, which were used to award points in the ranking process:
 A2. Identifies and prioritizes lake management needs and sets goals (long-term focus).
 A4. Provides specific objectives for watershed or land use management (loading reduction strategy, identify critical sites).
 B1. Develops a comprehensive assessment of fish, aquatic life or wildlife habitat with management recommendations (aquatic plant management plan).
 B3. Project inventories fish, aquatic life or wildlife and their habitats but will not include management recommendations.
 C1. Delineate watershed boundary, map existing and future land uses and associated acreage and estimate annual pollutant loadings from watershed using standard runoff coefficients.
 C2. Identify surface runoff patterns and delineates environmentally sensitive areas in the lake watershed (wetlands, habitat, steep slopes, riparian buffer zones, etc).
 D1. Secchi monitoring will be conducted and reported.
 D2. Three parameter TSI monitoring.
 D3. Develop a lake nutrient budget. Multiple parameter lake and tributary monitoring with sufficient frequency to characterize whole lake conditions and make management decisions.
 D4. Generate lake condition response model output.
 E1. Project completes a planning effort including a strategy (who, what, when) for implementation.

A full description of the project scope and project deliverables is in the grant application, which is a part of this agreement. The DNR will be provided with a final report on the results of this project. Information will be disseminated to the public as described in the grant application.

Objective:
Comments: Grantee is CLEAR LAKE ASSOCIATION
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Clear Lake Association,	GRANT_RECIPII	ACTIVE	04/01/2004	12/31/2006	Clear Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment		04/01/2004	12/31/2006	PROPOSED
Watershed Mapping or Assessment		04/01/2004	12/31/2006	PROPOSED
Watershed Mapping or Assessment		04/01/2004	12/31/2006	PROPOSED
Aquatic Plant Management Plan		04/01/2004	12/31/2006	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Deliverables as listed in the final application dated January 28, 2004, plus the following, which were used to award points in the ranking process:</p> <p>A2. Identifies and prioritizes lake management needs and sets goals (long-term focus).</p> <p>A4. Provides specific objectives for watershed or land use management (loading reduction strategy, identify critical sites).</p> <p>B1. Develops a comprehensive assessment of fish, aquatic life or wildlife habitat with management recommendations (aquatic plant management plan).</p> <p>B3. Project inventories fish, aquatic life or wildlife and their habitats but will not include management recommendations.</p> <p>C1. Delineate watershed boundary, map existing and future land uses and associated acreage and estimate annual pollutant loadings from watershed using standard runoff coefficients.</p> <p>C2. Identify surface runoff patterns and delineates environmentally sensitive areas in the lake watershed (wetlands, habitat, steep slopes, riparian buffer zones, etc).</p> <p>D1. Secchi monitoring will be conducted and reported.</p> <p>D2. Three parameter TSI monitoring.</p> <p>D3. Develop a lake nutrient budget. Multiple parameter lake and tributary monitoring with sufficient frequency to characterize whole lake conditions and make management decisions.</p> <p>D4. Generate lake condition response model output.</p> <p>E1. Project completes a planning effort including a strategy (who, what, when) for implementation.</p> <p>A full description of the project scope and project deliverables is in the grant application, which is a part of this agreement.</p>	04/01/2004		COMPLETE

Monitoring Stations

Station ID	Name	Comments
543247	Clear Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
775000	1	Clear Lake	Clear Lake

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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	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/27/2004 14:00	COMPLETE	BOT-52704	543247	Clear Lake - Deep Hole
06/24/2004 12:00	COMPLETE	BOT-62404	543247	Clear Lake - Deep Hole
06/24/2004 12:00	COMPLETE	TOP-62404	543247	Clear Lake - Deep Hole
07/29/2004 12:05	COMPLETE	BOT-CL0729	543247	Clear Lake - Deep Hole
07/29/2004 12:05	COMPLETE	TOP-CL0729	543247	Clear Lake - Deep Hole
08/31/2004 13:00	COMPLETE	BTM-83104	543247	Clear Lake - Deep Hole
09/28/2004 11:30	COMPLETE	TOP-092804	543247	Clear Lake - Deep Hole
10/21/2004 13:30	COMPLETE	BOT-102104	543247	Clear Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
2004 Clear Lake Water Quality Technical Report	Water quality of Clear Lake was sampled from May to October of 2004 and analyzed for several key chemical properties. The water quality is similar to that of other shallow, eutrophic lakes; relatively high concentrations of phosphorus and chlorophyll a produce nuisance plant growth and frequent algae blooms. The source of the excessive nutrients is not known.	J. E. Britton and N. D. Strasser	09/01/2006	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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