



**Clear Lake Blue Ribbon Committee**  
**Clear Lake Management Plan Development**

*January 12, 2023*

**Project Title: Clear Lake Management Plan Development**

**Project Description:**

Proposed by: Lakebed Management, Water Resources, Watershed Protection District  
Including past efforts, current efforts, future/ planned efforts and remaining knowledge gaps or management programs to improve Clear Lake

This project would supplement an update to the Clear Lake Integrated Watershed Management Plan and would add a specific chapter: Lake Management for Clear Lake. This plan would complement and support other existing plans and plans being written such as TMDL attainment plans, Source Water Protection Plans (2023), Sanitary Surveys (2017, 2023), Stormwater Management Plans (2008, 2024), Hitch Conservation Strategy Documents, and Clear Lake Basin Watershed Assessments (2023).

This plan would be a collaborative effort, and utilize a neutral contractor to write and develop the plan with input from the community and project partners (including Blue Ribbon Sub Committees). This proposal includes funds to select a contractor for writing services and a facilitator to coordinate and execute the effort, along with funds to provide for participating agencies and partners.

This document has many objectives, included but not limited to:

- Identified goals & action items for purpose of improving, protecting, and maintaining a desired condition Clear Lake at a given time.
  - Dynamic Document!
  - Co-Management Concept, as the lake doesn't belong to one agency
  - This desired conditions, or target goal, will be a large part of the development of this plan
- Supplement future Watershed Management and Basin Plan Updates
- Describe lake activities (past, current and future efforts)
- Describe contributors/influences to lake quality and quantity
- Identify knowledge gaps, and missing information
- Reference for all lake-related research, data, information or where to find these resources
- Most importantly, this plan will be publicly accessible and interactive, and not just a stale binder on a shelf in a non-descript government building.

The development of this plan will follow the North American Lake Management Society (NALMS) framework for Adaptive Lake Management:

## LAKE MANAGEMENT PLANS

It's important to remember that the lake management process is a fluid process. The document can change as the needs of the stakeholders change and/or the lake changes, or as new management options or data become available.

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### 7 steps for Adaptive Lake Management



Graphic Source: Lake County, IL Lake Management Planning Guide

[https://www.lakecountyil.gov/DocumentCenter/View/23814/Lake-Management-Planning-Guide-Workshop\\_22418?bidId=](https://www.lakecountyil.gov/DocumentCenter/View/23814/Lake-Management-Planning-Guide-Workshop_22418?bidId=)

Specific Sections of the plan will include the following topics (and more!):

- Lake information (depth, size, watershed, development, etc)
- Aquatic species management
- Aquatic invasive species management/control
- Wildlife/fishery management
- Nutrient budgeting, nutrient trends over time
- Shore protection
- Lakebed Management
- Water quality monitoring and protection
- Authority of Management, Community, Co-Managers
- Recreational management
- *Watershed management* (briefly, with tie in to previous and future updated Integrated Watershed Management Plan)
- Blue Ribbon Committee programs & projects, activities current and anticipated
- Benchmarks to evaluate management progress

Success will be when a document is completed, with community and partner input, that meets the needs of the Blue Ribbon Committee and Lake Managers from County, State, Tribes, Cities, and partner organizations.

**Project Timeline:**

Timeline for project.

- **Year 1:** Grant Administration for start-up, RFP and Contracting with writing consultants and facilitation support
- **Year 2:** Plan Development including outreach and collaborative input
- **Year 3:** Plan Completion, Reporting, and Presentations to Boards, Councils, and BRC.

**Projected Budget:**

Overall budget request: \$168,000

With County Contribution: \$16,500

Total Project Costs: \$184,500

Budget would include:

- Facilitator, researcher, writer
- Data Analyst, Spatial analyst team, hydrologist (quantity)
- Agency, Co-management, Community Engagement and facilitation support
- Funds to include agencies, departments, organizations participation in development and review process
- Lake County can contribute towards overages of estimated budget

<b>Task</b>	<b>CNRA funds</b>	<b>Contribution (LCWRD)</b>	<b>Total project Costs</b>
1.0 Project Coordination, reporting	\$15,000	\$7,500	\$22,500
2.0 Consultant: Facilitator, research, writing, document compilation, data collection, project development	\$125,000		\$125,000
3.0 County staff participation & travel	\$8,500	\$4,250	\$12,750
4.0 External agency contribution, participation, travel, space rental	\$9,500	\$4,750.00	\$14,250
5.0 Outreach public engagement	\$10,000		\$10,000
<b>Total BRC Grant Funds Requested</b>	<b>\$168,000.00</b>	<b>\$16,500</b>	<b>\$184,500</b>

**Contact Information:**

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**Additional Information:**

Any overages in project costs will be supported by Lake County Watershed Protection District