

**SEWRPC Community Assistance Planning Report No. 302
Volume Two, Alternative and Recommended Plans**

**A LAKE MANAGEMENT PLAN FOR ELIZABETH LAKE AND LAKE MARY
KENOSHA COUNTY, WISCONSIN**

Appendix E

**VILLAGE OF TWIN LAKES PROPOSED
LAKE LEVEL MANAGEMENT GOALS AND POLICY**

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VILLAGE OF TWIN LAKES
PROPOSED
LAKE LEVEL MANAGEMENT GOALS
AND POLICY

In order to establish a reasonable policy we must establish Village goals. These goals should include:

- To maintain summer lake levels within an approved range to limit lake closings due to high water.
- To maintain consistent water levels for piers and boating while minimizing shoreline damage.
- To maintain winter lake levels that would minimize shoreline damage from ice.
- To maintain a Village data base that would document :
 - Lake Level
 - Rainfall
 - Dam board activity (dates of when and who removed/replaced the board)

To meet these goals, the Village will establish the following policies:

- Establish the “Slow No Wake” level as 794.5 feet
- Maintain the summer lake level on Lake Elizabeth no higher than 794.1 feet. (creating a .4 foot “buffer” between this level and the “Slow No Wake” level) and no lower than 793.8 feet. The dam board would be removed when the lake reached 794.1 feet and replaced before the lake reached the level of 793.8 feet.
- Maintain a winter lake level on Lake Elizabeth by inserting a five inch dam board on November 1st of each year.
- Data Base:
 - The Village Sewer Department will measure and report (to the village administrator) lake levels to the nearest 10th of a foot on Mondays (Tuesdays following a legal holiday) from lake freezing to lake thawing and on days that the dam board is removed or replaced. Measurements shall be taken at Lake Elizabeth Boat Launch and Lance Park gages.
 - The Village Sewer Department will measure and report (to the village administrator) rain/snow fall data on Mondays (Tuesdays following a legal holiday) year-round.
 - Installation and removal of the dam board shall only be allowed by Village Public Works employees or Board approved individuals. The dam board key shall be maintained at the Village Police Department and a log kept of its use. The Police Department shall report usage to the Village administrator (via e-mail) each time the key is signed out.

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