

**Lake Templene Improvement Board**  
**PO Box 427**  
**Centreville, MI 49032**

**August 3, 2021 6:00 PM**  
**Lake Templene Improvement Board Meeting Minutes**  
**Nottawa Township Hall**

Draft #1

1. **Call to Order** – Meeting called to Order by Dennis Allen, Commissioner, at 6:00 pm
2. **Pledge of Allegiance**
3. **Roll Call of Attendees** – Present: Steve Wolf, Dave Peterson, Jeff Wenzel, Patricia Boomer and Dennis Allen
4. **Rules of Meeting** – **Please turn off cell phones or take calls outside of the meeting room. Comments limited to 3 minutes.**
5. **Approval of today's meeting agenda and the minutes from the June 3, 2021 LTIB meeting** - The draft minutes from the June 3, 2020 meeting and the agenda items for tonight's meeting were approved on a motion from Dennis Allen, supported by Jeff Wenzel and motion carried.
6. **Treasurer's Report** - Jeff Wenzel reported that the beginning balance in the checking account for the Lake Templene Improvement Board (LTIB) was \$302,086.90 as of June 3, 2021. The ending balance as of August 5, 2021 is \$258,357.15. As part of the Treasurer's report Jeff distributed the Revenue and Expenditure report for St. Joseph County that includes accounting transactions 2021 year-to-date for LTIB income and expenditures. Expenditures YTD totaled \$51,216.75. A motion to approve by Dennis Allen, supported by Steve Wolf.
7. **Payment of Bills** – Five bills were presented by Jeff Wenzel for payment. Easy Pro for \$31,954.25 for the second and final shock treatment performed in June/July. Clarke Aquatics for \$21,296.25 for the weed treatment performed on May 20, 2021. Progressive AE for \$3,000.00 for plant control. Easy Pro for \$44,526.00 for the treatment at the end of June. Clarke Aquatics for \$20,228.30 for the weed treatment performed on June 14, 2021. A motion to approve all five bills, totaling \$121,004.80, by Dennis Allen, supported by Steve Wolf.
8. **Lake Templene Advisory Group Report**
  - a. **Dredging:** There are several bays around the lake with access channels that have become shallower from sediment movement, the LTIB should consider minor dredging activities to improve navigation. Investigate Bio-Augmentation treatment in a recent shallow bay reported.
  - b. **BIO/Augmentation/Aeration:**
    - i. The second Bio-Augmentation treatment was applied June 29, 2021.
    - ii. Water sampling was taken to see if dissolved oxygen (DO) readings are affected by recent augmentation. The average DO reading for the bio-augmentation areas was 7.1, while the control area without augmentation had a reading of 6.8. Additionally, the bay with double bio-augmentation had a reading of 7.4. The conclusion is that there is no drop in DO immediately after a bio-augmentation incident.
  - c. **New Items:**

**i. Aquatic Plant Management:**

1. The survey conducted on June 8, 2021 showed about 50 acres needed treatment. Treatment took place on June 14, 2021.
2. The next aquatic plant survey took place on July 8, 2021 with treatment by Clarke on July 20, 2021. The July treatment was very small as the total acreage was 7.5.

**ii. Advisory Committee:**

1. The advisory committee met on July 7, 2021 for discussions on general topics with a focus on validating bathymetric surveys, additional areas potentials for bio-augmentation and fish population survey.
2. Prior Drawdown permit bill was too high at \$2000. Has been revised to \$900. Approved & paid.

**9. New Business:**

- a. Jeff Wenzel brought forward a resident concern regarding weed growth in ski course. Need to investigate this issue.
- b. Question arose regarding the impact of drawdowns and bio-augmentation on fish populations. Current quote for \$32k is to replicate study last done in 2013; need to get another quote. Some complaints have risen regarding fish population, with residents saying the fish are not as good as before. Last fish restock of 7,000 occurred on April 1, 2019. Possible restock of fish in fall 2021. Steve Wolf requested a quote is obtained for a fish study, as well as pricing for another fish restock. Patricia Boomer to investigate Redear Sunfish stocking due to their potential to help control the Zebra Mussel growth. After budget assessment, \$30k is to be spent on fish restock; Restocking of 3 species recommended: Bluegills, Croppies, Sunfish. Motion to approve by Dennis Allen, supported by Jeff Wenzel.
- c. Wake boats are causing beach erosion. Need to investigate this issue.

**10. Public Comments** – Complaints were voiced by guests about lily pads; however, permit does not allow for the treatment of lily pads.

**11. Next Meeting Schedule** – September 9, 2021, at Nottawa Township Hall 6:00 pm

**12. Adjournment** – Meeting to adjourn at 7:27pm by Dennis Allen, supported by Dave Peterson, carried.