

Lake Templene Improvement Board
PO Box 427
Centreville, MI 49032

February 2nd, 2023, 6:00 PM
Lake Templene Improvement Board Meeting
Nottawa Township Hall

Draft #1

1. **Call to Order** – Meeting called to Order by Dave Peterson, Nottawa Twp. Supervisor, at 6:04 pm
2. **Pledge of Allegiance**
3. **Roll Call of Attendees** – David Peterson, Jeff Wenzel, and Patricia Boomer present, Steve Wolfe and Dennis Allen were absent.
Jack Rote and Dave Young also attended tonight’s meeting.
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 November 10th, 2022, LTIB meeting** – The draft minutes from November 10th, 2022 meeting and the agenda items for tonight’s meeting were approved on a motion from Dave Peterson, supported by Jeff Wenzel and all other Board Members.
6. **Treasurer’s Report** – Jeff Wenzel reported the County Treasurer Office LTIB Cash Balance as of February 2nd, 2023 was \$340,835.83. 2023 revenue collect year-to-date \$64,700. Carryover cash balance from January 2018 through December 2022 was \$276,135.83.
7. **Payment of Bills** – 3 bills, totaling \$14,107.00 were presented for payment. Spicer Group \$8,134.25 for Bathymetric survey, CAD survey, Final reporting, and Client communication; Progressive AE \$4,000.00 for 2023 Plant control; and Spice Group \$1,972.75 for EGLE monitoring report and EGLE/DNR/Client Plan meeting. Need to verify the 2023 approved Progressive AE budget and adjust budget if needed to tie to approved contract for \$16,000 annually. A motion to approve by Dave Peterson, supported by Patricia Boomer and all other Board members.
8. **Lake Templene Advisory Group Report** – Jack Rote presented the report from the LTIB Advisory Committee.
 - a. Communication: Nottawa and Sherman Township sites will have the same LTIB information.
 - b. BIO/Augmentation/Aeration: The bathymetric data report for 2022 has been proved by Spicer Group and results updated into the bottomland removal spreadsheet. The results for 2022 was a reduction across the 14 measurement sites was 2.77 inches, consistent with reductions in 2018, 2019, and 2020. The 2021 reduction of 0.78 inches is inconsistent with the other measurement years. The 2022 data indicates that the bio-augmentation is still producing positive bottomland removal results.
 - c. Aquatic Plant Management/EGLE Update:

1. Spicer Group will be sending a proposed EGLE drawdown monitoring plan to the Advisory Committee to review before being forwarded to EGLE for Comments.
 2. Based on feedback from ELGE, one concern is the need for a mussel monitoring and rescue plan.
 3. The increasing Zebra Mussel population is the main driver for the draw-down request. An option is to change the drawdown plan from 4 feet to 2 or 3 feet to gain support from EGLE.
 4. The Aquatic plant problem has significantly reduced since 2015 when 348 acres of lake were treated compared to 2022 treatment of 123 acres.
- d. Fishery Enhancement: There were no Redear Sunfish available this fall so the purchase has been moved to Spring 2023.
- e. Recommendations:
1. Due to the reduced aquatic plant growth, the committee recommends discontinuing Bio-Augmentation in 2 bays in 2023 to test the impact of Bio-Augmentation.
 2. The committee supports proceeding with the 2023 drawdown with EGLE support and the required monitoring costs do not exceed \$55,000. The budget will be revised with offsets for these funds. The \$55,000 will provide: Sediment movement data, Mussel survey, Aquatic plant survey (GPS based), Water quality, Dissolved Oxygen in winter, and Invertebrate survey. Motion to approve by Dave Peterson, supported by Patricia Boomer and all other Board members.
 3. Contact possible resources to provide support for the above activities: Michigan State Extension, Grand Valley University, and State of Michigan.
9. **New Business** – Motion to send two people to the Michigan Lake & Stream Spring Conference (May 5th and 6th) and cover all reasonable expenses incurred by Jeff Wenzel, supported by Dave Peterson and all other Board members. Participants to provide report-outs at June 2023 meeting.
10. **Next Meeting Schedule** – April 6th, 2023 (as needed)
11. **Adjournment** – Motion to adjourn at 7:02 pm by Jeff Wenzel, supported by Dave Peterson and all other Board members.

Approved May 4, 2023