



*Lake Templene Improvement Board  
P.O. Box 427  
Centreville, MI 49032*

**December 12, 2019 6:00 pm  
Lake Templene Improvement Board Meeting  
Nottawa Township Hall**

1. **Call to Order** by David Peterson Nottawa Twp. Supervisor, at 6:00 pm.
2. **Pledge of Allegiance.**
3. **Roll Call of Attendees** –Steve Wolf, David Peterson, Jeff Wenzel, Bob Ulrich, and Dennis Allen are present.
4. **Rules of Meeting**–Please turns off cell phones or takes calls outside of the meeting room. Comments limited to 3 minutes
5. **Approval of today’s meeting agenda and the minutes from the October 15, 2019 LTIB meeting.** The draft minutes from the October 15, 2019 meeting and the agenda items for tonight’s meeting were approved on a motion by Steve Wolf, supported by Jeff Wenzel and all other board members.
6. **Treasurer’s Report**–Jeff Wenzel reported that the beginning balance in the checking account for the Lake Templene Improvement Board totaled \$70,591.49 on October 15 2019. The total ending balance as of December 12, 2019 was \$64,850.83.
7. **Payment of Bills**– Bills prepared for payment by Jeffery Wenzel included \$ 9,800 from EasyPro Pond Products for the final annual aeration equipment maintenance service invoice payable twice annually. In addition, there are two invoices from The Spicer Group for payment, one for \$9,658.75 for the bathymetric survey, data collection, project coordination done in September-November and \$1,805 for data processing, and project communications preparing 2019 bottomland results for the LTIB. On a motion by Steve Wolf, supported by Dennis Allen and all other board members, the bills totaling \$21,263.75 were approved for payment. There could be a remaining bill from The Spicer Group prior to year-end for approximately \$9-10,000 for finalization of the bottomland removal results.
8. **Lake Templene Improvement Board advisory committee report**– Jack Rote presented a summary report on the results of the bathymetric survey completed by The Spicer Group earlier this past fall. The overall results for all areas showed 3-5” of bottomland removal throughout the 172 acres being aerated with bio-augmentation or bio-augmentation only. Surprisingly, the trend continues on positive results for non-aerated areas demonstrating that the four non aerated sites show comparable results in bottom-land removal vs the eighteen aeration sites. In total the Spicer Group reports that 343,632 cubic yards of bottom-land removal have occurred over the past 5 years. The good results led to a discussion on discontinuing aeration for a one-year trial period to confirm that sufficient DO (dissolved oxygen) in the water will ensure continued success in reducing bottom-land sediment. Results of a summer DO sampling program had indicated that even in the warmest weather in July-August, minimum required DO levels of 4-5mg/l were obtained. Reviewing the 2020 budget for the bottomland removal project shows that there will be a savings of approximately \$50,000 due to no aeration maintenance, no electric usage reimbursements

and no EGLE sampling required. It was suggested that the additional funds available be spent on a bio-augmentation 50-acre program for the open water off Crystal Beach which tends to generate heavy milfoil growth mid-summer. On a motion by David Allen, supported by Bob Ulrich and all board members the one-year shutdown of the aerators for experimental purposes to confirm DO activity was approved. Jack Rote also asked for discussion and approval of submitting a 5- year drawdown permit beginning fall of 2022. The intent is to have the permit approved ahead of when it might be required for weed control, shoreline issues, etc. On motion by Dave Peterson supported by Steve Wolf, the motion was approved with one board member continuing to express concern over the fish population effect of numerous drawdowns over the past few years. Brian Gunderman will be contacted by Jeff Wenzel to see if EGLE will do another fish survey here on Lake Templene.

**9. New Business-**

**Dredging permit-**Jeff Wenzel will work with MI Waters on obtaining a small dredging permit to open the entrance to navigation from the small cove in Hickory Hills. Accumulated sand at the entrance is making it difficult for property owner pontoons to use the lake

**SAD roll update-**The Sherman Township 2019 property tax bills for the SAD Templene Improve portion will be reissued ASAP with the correct amount of \$780 for lakefront property owners and \$390 for lakefront vacant lots

**Dam Repairs this Fall-** Jeff Wenzel commented that the Holland area contractor for repair work would like to finish the work yet this month. All metal is being galvanized.

**Annual EGLE permit to do aquatic weed control-**The board approved a request for pre-approval of the \$1,500 permit fee for our annual aquatic plant seasonal control. The invoice from Clarke Aquatics/Progressiveness will arrive prior to our next meeting on February 20th. Motion offered by Dave Peterson supported by Dave Allen and all other board members

**10. Public Comments-none**

**Adjournment-**Tonight's meeting was adjourned at 7:20 pm on a motion by David Peterson, supported by Dennis Allen and all board members.

**Next meeting date for the LTIB will be February 20, 2010** at Nottawa Township Hall. Starting time will be 6:00 pm.

Respectfully Submitted

Bob Ulrich-secretary  
December 19, 2019

Jack Rote and David Young also attended tonight's meeting.

Approved 4/2/20