

Lake DeTurk Conservancy District (LDCD) Board Meeting Minutes  
July 14, 2015

- I. **Call to Order:** The LDCD Board met at 7:00pm Tuesday, July 14, 2015, in the meeting space at Fenneman & Associates (former Grassyfork Fisheries Administration Building) located at 2902 E. Morgan Street, Martinsville, IN. Chairman, Ron Reinhart, called the meeting to order with Vice-Chairman Joseph Cleveland, Secretary Gary Folck, Financial Clerk, Anna Radue and Director Glenn Russell present.
- II. **Approval of minutes:** Minutes from the June 9 and June 23, 2015, board meetings were distributed, amended, and approved as amended.
- III. **Reading and Signing of Claims:** Following claims approved
  - a. \$13,081.96 – CBBEL – dam integrity project invoice #6208
  - b. \$163.63 – Bender Lumber Co. – materials to repair lake signs
  - c. \$13.94 – Walmart – 2 reams of paper

A motion was made and approved to pay claims.

IV. **Reports**

a. **Financial Report**

General Fund: **\$101,764.27**

Cumulative Maintenance Fund (CMF): \$6,000.00

2014 remaining encumbered funds:

Maxwell Lawn Care - \$250 beach herbicide treatment

CBBEL – Dam Integrity Project \$34,803.00

2015 Encumbered funds:

Gary Leonard – baseball backstop removal - \$300.00

Green3 – west beach plan - \$3,800.00

Receipts – bank account interest - \$3.83

V. **Old Business**

a. **Dam Integrity Projects:**

- i. Jeffrey Fox, CBBEL engineer, reviewed project work plans with meeting attendees.
  1. To repair and prevent future erosion, the contractor will add fill from 2 feet below lake level to halfway up upstream slope.
  2. Contractor will move water control valve from downstream side to upstream side of dam to eliminate

concern of controlling water flow if the pipe going through the dam ruptures. The valve pressure will be on the lake side.

3. Contractor will repair the concrete head wall on the upstream side, and the entire concrete hood on the downstream side of the main spillway.
4. Contractor will add trash guard at main spillway inlet.
5. Contractor will clean out emergency spillway.
6. Contractor will seal an unused water supply line.
7. Contractor will add two sediment traps at north inlets to lake.
8. CBBEL submitted permits to state and federal agencies; approval is expected in August/September.
9. Contractor bidding will start in September with work expected to begin in late September or October. Construction time is estimated at 3 months.

ii. Questions asked Fox regarding construction and project:

1. Describe sediment basins at north end of lake.  
Contractor will excavate approximately 2 feet below the current ground level creating a pooling area for water. Gabion baskets composed of wire similar to chicken wire will hold riprap creating a water filter and slowing water movement. District will need to clean basins periodically.
2. Will basins slow water movement and cause road flooding? Basins will not cause road flooding. Attendees noted heavy rains previous week caused road flooding. Debris blocks culverts on north side of road.
3. How much will the project cost? Reinhart said the estimate including engineering fees is \$170,000. This is an estimate provided by Burke. The contractor bidding process will provide a better estimate.
4. In the event some dredging is done at the shallow end of the lake, would the sediment basins be a problem? – Fox said no. The basins will stop sediment from refilling the dredged areas.
5. How much will the sediment basins cost? Fox said the current estimate is \$10,000.
6. Will the contractor lower the lake level? Yes. Contractor will determine the extent at the time of valve installation.
7. Is Ozark Fisheries installing a valve at their cost? No. LDCD is responsible for installing the valve. Ozark Fisheries will replace the current downstream valve cover at their expense.

8. Will the contractor dig out the ditch parallel to Balliere Drive to reduce road flooding? No, this is a city issue, not an issue for LDCD.
9. Does the road across the dam create any problems? Fox indicated CBBEL has previously taken soil core samples from the dam. The results indicate the dam is in good condition and road traffic will not affect the integrity of the dam.
10. During project construction will dam road closures occur? Temporary closures may occur.
11. Who can bid on the project? When CBBEL and LDCD publically announce the project and request bids, they will also provide a manual outlining scope of work requirements and other bidding information. The bidding process requires contractors to attend the onsite kick-off meeting. After the bidding process is complete, CBBEL engineers will help LDCD with the evaluation process.
12. When will the dam seeding begin to protect the dam? This will be determined by planting time, temperature, and weather conditions. The contractor is required to warrant the seeding for one year. The contractor is required to install an erosion blanket on the dam embankment to control erosion. Riprap will be placed between 2 feet below and 2 feet above normal pool level (bottom of spillway pipe) - approximately 8 feet from the road.
13. Should LDCD remove the parking area on the north end of the dam? Meeting attendees indicated parking area should not be removed as used by residents not living on the lake.

- b. **2016 LDCD Draft Budget Review:** Reinhart reported the board had discussed the 2016 draft budget at two previous public board meetings. Radue has entered the current draft budget in the DLGF's online Gateway system. Reinhart asked if anyone had any questions or comments. Radue asked if the financial/engineering line is too low as LDCD needs a \$1,000 pipe video inspection on the primary spillway. Also, the District Plan includes retracement/boundary surveys for all common areas. Radue asked if the board should consider a retracement/boundary survey on the dam parcel which includes the auxiliary spillway and the wooded area on Ferguson Drive. Holloway Engineering previously provided a \$2,000 quote for this work. Holloway completed a stake survey for parts of the dam parcel as a subcontractor to CBBEL for the district plan. LDCD did not have Holloway install monuments at an additional cost of \$500 as LDCD did

not have the funds. Folck indicated LDCD needs to complete the entire dam parcel survey to establish LDCD's boundaries. Reinhart could not see the benefit of the survey for this cost.

Reinhart asked Fox if LDCD could get a better price than \$6000 dollars for the biennial dam inspection as LDCD will complete the integrity project in 2016 and CBBEL should be very familiar with the dam's condition. Fox will contact DNR to discuss options.

Reinhart said LDCD's 2016 draft general fund \$106,592 budget is 5% less than the 2015 budget. If the board adds the survey and the video inspection the budget will be approximately the same as 2015. Radue indicated the budget line item for insurance may be too low. LDCD currently does not carry dam liability insurance because the District cannot find a carrier due to the dam's condition. After the integrity project is complete, LDCD could add dam liability insurance as recommended by Morgan County Insurance. Radue said LDCD needed \$20,000 for the first six months of 2015 to operate. If LDCD contracts for a video inspection, LDCD cannot pay until after July 1, 2016. The Board agreed to not change the budget at this time, but to consider these needs, get survey quotes updated, and finalize the budget at the August 11, 2015, meeting.

VI. **New Business**

- a. **Byram Blvd Park tree cleanup:** Foley Tree, LLC, provided a quote of \$650 to clean up downed trees at Byram Park and remove dead poplar tree near culvert at north end of lake. A motion was made and approved to accept Foley Tree's quote and pay as needed before the next meeting.
- b. **West beach improvement plan:** Radue and Cleveland met with Dawn Kroh, President Green3, and Brittany Harvey, Green3 graphic designer, July 9, 2015, at the west beach to discuss the west beach improvement plan.

VII. **Tabled Topics**

- a. AICD Membership and Dues
- b. Boundary issues
- c. Sales of LDCD properties

VIII. **Next Meeting:** 7:00pm, Tuesday, August 11, 2015, First Christian Church

IX. **Questions/Concerns/Adjournment:** No additional discussion. Board meeting adjourned.