

Lake/Dam Committee Minutes
Saturday February 4, 2017_
9:30 AM

Meeting called to order: **9:30 AM by Chair Linda Smith**

Chairperson's opening comments:

Attending: **Dan Barnett, Kelly Evans, Karen Kohler, Dave Kohler, John McRoberts, Bob Moore, Dorothy Powter, Mike Prather, Tim Reber, Brian Smith, Linda Smith, Roger Milliman**

Excused: **Debbie Moore, Glen Bachman**

Absent:

Guests: **Ken Martig Jr., Dennis Muretta, Rhonda Mayner, Joel Gray, Joe Castelluccio**

Approval of Agenda

Chair Linda Smith entertained a motion to accept Roger Milliman's application to be a member of the Lake Dam Committee, having attended three meetings. Brian Smith so moved, Mike Prather seconded. Motion passed unanimously. Welcome Roger.

A. Approval of Previous Minutes: **Kelly Evans moved approval as written, Karen Kohler seconded. Motion passed unanimously.**

B. Correspondence: **None**

C. Dock Permits/Boat Registrations: **Nothing to Report (NTR)**

D. Old Business

1. Review of Past Commitments

1.a) Tim will report on progress with Maintenance for the following:

(1.a.1) To repair, reinstall second anchor on the Lake Leprechaun dock. Work order submitted. Tim Reber will talk to Glen Bachman re: relocating the Lake Leprechaun swim float once repaired, and then he will work with Maintenance. **In progress pending weather**

(1.a.2) To replace missing corner bumper on Lake Leprechaun dock. Work order submitted. **In progress pending weather**

(1.a.3) To install Bollards at Leprechaun park. Work order submitted. Tim Reber will contact Maintenance to review location and report back. **In progress pending weather**

1.b) Mike Prather and Brian will start looking into the possibility of developing a project to restore salmon habitat in Leprechaun Creek and modifying the dredging permits that are good until September 2017 to include that work. **Mike Prather has calls in to the state and the Salmon Recovery Center in Belfair. Expecting calls back next week.**

1.c) Dan Barnett will prepare a recommendation for committee review and referral to the Board regarding replacing/reattaching boat tie-up cleats on the Anglia dock. Dan Barnett will get cost data for the folding cleats and attachment hardware, check other docks, and come back to the committee with a proposal for Board approval. Dan Barnette volunteered to install the cleats when approved by the Board—Mark Green volunteered to help him. ***Dan Barnett reported that there are few salmon going up Cranberry Creek this year. He also reported that Anglia dock needs 12 cleats, and if other docks are added a total of 20 new cleats will be needed. The price for cleats at Amazon.com has just gone up from about \$7.50 to about \$15.00 each. Dan Barnett noted this price is still considerably less than the manufacturer charges on their website. Although the deck boards on the Anglia dock need replacing, that is unlikely to happen soon so the committee recommended using cheaper galvanized mounting screws now, and using appropriate stainless hardware when the deck is replaced. Joe Castelluccio (LLCC Maintenance) participated in the discussion. Installation would be by volunteers from the Committee.***

Motion: I move recommending to the Board the purchase of 20 CIPA CS101 dock cleats and associated hardware for attachment not to exceed \$500. Purchase of cleats will be made through Amazon.com. See attached screen shot for information. Motion made by Dan Barnett, seconded by Roger Milliman, carried unanimously.

1.d) Linda Smith will contact Ken Martig to get an estimate for a refined design concept and cost estimate for Inn Island shoreline armoring. After discussion, the committee requested that Linda contact Ken Martig to find out what it would cost for him to design the log boom. She will also ask for his advice/opinion regarding changing the buoy line in the area to alter boating patterns (hence wake action and direction) near the island, moving the swim area east, rip-rapping the eroded area and re-locating and re-anchoring the swim float. She will ask if all three ideas—engineering the log boom, designing the rip-rapping, and armoring the island can be accomplished within his up to \$950 design cost estimate. ***Ken Martig (LLCC's dam engineer) reported on a brainstorming meeting held previously with Linda and Brian Smith and Joe Castelluccio which resulted in Ken's recommendation to start placing sandbags in a small wedge on the eroding shoreline as a first step towards eventually armoring the shoreline with sandbags, covered by filter fabric, and in turn covered by turf blocks placed on top of the filter fabric and filled with gravel and/or soil and grass. The idea is to provide a more natural slope that is also protected from further erosion. Placing sandbags now will prevent the need for a log boom. Ken Martig provided a drawing with his suggestion. Joe Castelluccio***

estimated it would take 500 sandbags initially, with Ken Martig estimating that the total needed for the whole Inn Island project would likely to be around 1500. Sandbags are available at very reasonable cost from Sandbags.com and are available in colors. The committee decided that green would be the least noticeable color. LLCC already has stockpiled material suitable for filling the bags. Motion: I move that the Board authorize maintenance to purchase and install initial sandbags to shore up Inn Island and prevent further erosion, to be installed in the March 2017 timeframe. Cost of initial sandbags not to exceed \$400. Motion made by Dave Kohler, seconded by Bob Moore, passed unanimously.

- 1.e) Dave will talk to new park host applicants. *Dave Kohler talked to applicants—they have selected other opportunities.*
- 1.f) Dan Barnett will develop a list of annual park and lake related maintenance activities including annually treating the decks of all the docks. *Pending—Dan Barnett needs the information provided previously to be re-sent.*
- 1.g) Brian Smith will edit the draft dam operations manual and send it back out to the committee with the intent of forwarding to Maintenance and the Board this month. *Brian Smith provided comments to Maintenance and the Board prior to its January meeting. Brian was asked by the Board Executive Committee to work with Ken Martig and Maintenance on rewording the manuals. Ken Martig explained the rationale behind having weir boards at the Lake Limerick and Lake Leprechaun dams. Ken Martig suggested sending in the rest of the Manual to the state's Dam Safety Office, and following up with an addendum concerning the weir boards. Brian Smith expressed his concern that piecemealing could present problems for both state regulators and our own staff. He recommended that the manual be cleaned up sufficiently to allow for one submittal. Kelly Evans requested that this be done in the next two weeks so the Board could take action at its February 18th meeting. Brian Smith will work with Ken Martig and Joe Castelluccio to revise the dam operations manual in time for the Board to approve the update at its February 18th meeting.*
- 1.h) The committee will review the TetraTech Lake Management report and act next month on acceptance and transmittal to the Board. *Brian Smith commented that the report looked good, but since it was also being used to satisfy reporting requirements for the Lake Limerick Dredge Projects permits, he would like to see results of benthic sampling and analysis from Cranberry Cove (that just became available) added to the final report. There were no other comments from Committee members. Brian Smith will follow up with TetraTech.*

2. Projects

2.a) Fishing Derby—Debbie Baker/Dennis Muretta. ***Dennis Muretta reported that he has the permit for the Fishing Derby and anticipates getting the fish stocking permit shortly. Nisqually hatchery fish are expected to be planted April 17, 2017 approximately one week before the Derby. The Derby committee has had a kickoff meeting and is actively soliciting prizes, particularly some big prizes for the raffle. Jack Betterley has offered to build a table for a prize. Dennis Muretta wants to be sure there is an announcement in the next newsletter.***

2.b) Dredging Project—Brian Smith— **NTR**

2.c) Inn Island Improvements – Linda Smith—Ken Martig and Joe Castelluccio are scheduled to be at the meeting to provide an update. ***See previous discussion.***

2.d) The Lake Limerick Dam-Kelly Evans – Ken Martig and Joe Castelluccio are scheduled to be at the meeting and can provide an update. ***Ken Martig reported that the only works he sees as necessary at the Lake Limerick and Lake Leprechaun dams is a little riprapping with 2-4" crushed rock on the interior face at the water line.***

2.e) Kimber contract—Linda and Brian Smith, Dan Barnett— ***Brian and Linda Smith and Dan Barnett have looked at the history and reviewed a draft letter demanding repayment and set of possible actions to recommend to the Board. Brian Smith called Kimber's office and left a voicemail requesting a return call—that has not happened. Brian Smith will prepare an email to transmit the draft actions and letter to Board President Kelly Evans prior to the next Board meeting.***

3. Status of Last Month's Motions to the Board of Directors—

All motions were approved on the consent agenda at the Board of Directors January 28, 2017 meeting.

Motion: *I move we recommend to the Board acceptance of the \$950 bid from Ken Martig to design three efforts: 1) Sand bags to reduce erosion on Inn Island, 2) log boom for Inn Island, 3) Bank restoration using cement blocks. Motion by Dave Kohler, seconded by Dan Barnett and passed unanimously.*

Motion: *I move that we recommend to the Board raising the budgeted amount for Nisqually Trout Farm from \$3,250 to \$3,500 for the 2017 fishing derby. Motion made by Bob Moore, seconded by Dan Barnett and carried unanimously.*

Motion: *I move that the Committee recommends that the Board increase the park host stipend from \$100/month to \$250/month for 4 months (May 15-September 15). Motion made by Dave Kohler, seconded by Bob Moore, passed unanimously.*

E. New Business

1. Review of Dam Operations Manual as requested by Board at its December 2016 meeting —Kelly Evans and Brian Smith ***See previous discussion***
2. Park Host Duties and Compensation—Dave Kohler ***See previous discussion***

3. Lake Leprechaun- Tim Reber – **See item D.1**
 4. Lakes Weed Treatment- Debbie Moore—**NTR**
 5. Budget Team—Dave Kohler, Kelly Evans, Debbie Moore, Brian Smith – **NTR**
 6. Dock Inspections—Bob Moore – **NTR**
 7. Newsletter—Debbie Moore – **NTR**
 8. TMDLs—Brian Smith – **NTR**
 9. Lake Patrol—Jack Betterley – **NTR**
- F. Other New Business
1. ***Joe Castelluccio reported on a transient using one of the park restrooms, after breaking in, as a hangout. He described the steps he will be taking to better secure the building.***
- G. Guest Input **None**
- H. Review of New Commitments
1. ***Dave Kohler will edit the Workamper magazine park host ad and include the LLCC Lake Dam Committee email address at hctc.com***
 2. ***Dave Kohler, Tim Reber and Brian Smith will provide material previously sent to Debbie Moore and Tim concerning the list of activities for ongoing maintenance of lake related facilities.***
 3. ***Brian Smith will work with Ken Martig and Joe Castelluccio to revise the dam operations manual in time for the Board to approve the update at its February 18th meeting.***
 4. ***Brian Smith will contact TetraTech to let them know about the status of the annual report and to see if they can include the benthic organism sampling results.***
 5. ***Prior to the next Board meeting Brian Smith will prepare an email to transmit the draft actions and letter to Board President Kelly Evans concerning next steps to resolving the Kimber contract situation.***
- I. Meeting Adjourned: ***Dave Kohler moved adjournment at 11:30 AM, seconded by Mike Prather. Motion passed unanimously and enthusiastically.***