

# **Lake Quality Advisory Committee Meeting Minutes**

November 8, 2021

via Zoom

Janet called the meeting to order at 6:00PM.

## **A. Attendance**

Committee Members –Linda Flores, Rick Flores, Janet Fulks, Fred Hicks, John Glaze, Alisha Loken, and Scott Ostrem.

Staff - Debbie Papac, Recreation Manager and Butch Reyburn, BVSA Board Member

**B. Approval of Agenda** – Fred made a motion to approve the agenda; it was seconded by Rick, and approved by the committee.

**C. Approval of Minutes** – The minutes of the October meeting had previously been approved via email and sent to Anita (BVSA.)

## **D. New Items**

1. Mountain View Consulting Group (MVCG) Report – Fred summarized the services provided by his consulting group to the BVSA over the past year. MVCG has played a key role in completing 12 projects focused on improving the water quality of BVS lakes and is currently involved in 17 ongoing projects. MVCG’s role has expanded from its initial inception of providing water quality testing and being a point of contact, to now also serving as a liaison between multiple local and regional organizations. Fred feels that the two areas which could use the most improvement are communication (with the CSD and BVSA,) as well as a monthly (or bi-monthly) report to the LQAC, from MVCG. Butch commended Fred/MVCG for the great job he’s doing; the rest of the LQAC members concurred, and thanked Fred for all of the work that he does. A detailed report is available upon request.

2. Status of lakes – Recent rainfall completely filled the 7<sup>th</sup> Hole Pond, and also raised the 4-Island Lake level about six inches. The latter will allow an extra month or so of irrigation water. Janet stressed that, while runoff water is important, it needs to be filtered through plants, etc. Butch advised that most of the runoff is from the 7<sup>th</sup> hole fairway, between the Tee Box and the pond. His suggestion is to run a pipe from the ditch near the 8<sup>th</sup> Hole to the 9<sup>th</sup> Tee Box (approximately 450 yards,) recycle the lake water through a pumping system, and allow filtration (via vegetation) as it flows back down the ditch. Fred and Brandon are testing the feasibility of such a project, prior to CSD approval. (See Agenda Appendix A for more information about the lakes’ status, including fish harvesting, lilies, and AFIs.)

3. Report on Work and Discussion – Fred reported that, overall, we should have a lot more fish in 4-Island Lake - for the amount of area that was surveyed. Compared with the sampling from Stallion Springs, there is a much different fish growth pattern throughout the year. Cub Lake results were somewhat better; however, indications are

that the fish there are not getting enough to eat. The main differences between our lakes and the one in Stallion Springs are that Stallion Springs appears to have little to no Bullheads or Crappies (which eat the other fish.) They also have a little bit more shoreline structure than we do. Fred feels that, based on what we have, we're doing as well as we can. However, our Young of the Year (YOY) recruitment needs to be improved by providing habitat where the small fish can hide and grow. (See Agenda Appendix B)

Fred and Annie Loken manned an LQAC booth at the "Trunk or Treat" event at the Whiting Center (10/30). Fred said that it was well received, and a lot of people stopped by to ask questions. He feels that LQAC should host a booth there again next year.

4. Rock proposal for drainage ditches entering lakes – Fred believes that there is no point in chemically treating the lake until we can stabilize the shoreline and decrease sediment going into the lake. He is proposing that we consider diverting the electro fish budget monies (approximately \$9K) to purchase rocks for four specific areas of the lake, where water with the highest concentration of nutrients flows in. This will help filter out some of the incoming water, and collect sediment, before it reaches the lake. The rocks, along with planted tules, will also help establish fish habitats and help prevent erosion. There are currently four suggested location sites Fred will research pricing estimates and report back at the December meeting specifying the prime sites.

5. Discussion and follow-up on Christmas Tree habitat and CSD collaboration and mapping – Fred was hoping that, in collaboration with the CSD, we might be able to secure treetops (from trees that have already been cut down) from the logger who is in BVS. Unfortunately, he doesn't have any treetops here.

The paddle boarders were concerned about the location of the Christmas tree habitats being so close to shore. But Fred conveyed to them (via Kimberly) that it was necessary in order to allow the fish to transition from shallow to deep water, due to the varying lake levels. The paddlers understand that they may need to adjust their routes, in order to avoid any proposed obstructions. The goal will be to have all of the habitats submerged at full water, with the exception of some shoreline rocks. Fred is hoping to get approximately 200 Christmas Trees (from the project,) and is working to secure additional boats to help out, from some local fishing groups.

The CSD (Jason Parks) is now working more closely with the BVSA (Brandon Haynes) in determining which water will be used, and when. Butch feels that, overall, the relationship between the BVSA and CSD is coming along, slowly but surely. Janet reminded the committee that we're much further along than we were a year ago and, in spite of some roadblocks, positive things have still happened and will continue to improve.

Fred also shared that in a previous liaison committee meeting, the CSD felt that using potable water for the lake was impossible, due to the water being chlorinated. After speaking to the State, who informed him of the allowable chlorine limit, Fred sent a

water sample into BC Labs – and the levels of chlorine were non-detectable. There is one more stringent test that will be done, which should confirm the allowability.

The other consideration is, if we set a precedence for *no potable water in the lakes*, what do we do once all of the well-water becomes potable?

6. Cooperation and collaboration with Stallion Springs – No action since last meeting. Fred reminded the committee that, in exchange for help with their water sampling, Stallion Springs has agreed to transport our water samples to BC Labs (along with theirs) saving us a great deal of money. The partnership is going well, and allows us to compare data with another lake, as well as share resources. In the interest of transparency, Fred shared that Stallion Springs has hired him on a limited consulting basis.

7. Discussion on need or not for the LQAC vs sending a lake representative to the RAC committee – Butch shared that he felt the LQAC has done more for the lakes, including communicating with the residents, than anything in the past. He does not feel that it would be beneficial to dissolve the LQAC, and merely have representation at the Recreation Advisory Committee (RAC). The rest of the committee members agreed. Janet will submit the updated LQAC membership page to Anita, to share with the BVSA board.

#### **E. Follow-Up Items**

1. Fred has submitted an article for the December Bear Tracks, explaining the Christmas Tree habitat project.
2. Janet will coordinate with Anita and Jennifer (BVSA) about updating our web page, as well as the eBuzz blurb.
3. For our December meeting, Janet asked committee members to review the 5 Year Plan, which will be the only item on the agenda. Communication should be included, as well as a possible “lake opening day,” which might help secure potential volunteers.
4. Upcoming meeting date: December 13<sup>th</sup>, in the Green Room at the Whiting Center, as well as on Zoom.

#### **Adjournment**

The meeting was adjourned at 7:15 PM.

Our next meeting will be held on Monday, December 13<sup>th</sup> at 6:00PM, in the Whiting Center Green Room and also via Zoom.

Minutes submitted by: Linda Flores

Minutes approved by: Janet Fulks