

Lake Quality Advisory Committee Meeting Minutes

June 6th, 2022

Whiting Center Green Room and also via Zoom

Fred called the meeting to order at 6:01 PM.

A. Attendance

Committee Members – Kimberly Clow, Linda Flores, Rick Flores, Jeff Gadzia, Fred Hicks (Chair,) Alisha Loken, and Scott Ostrem

Staff – Debbie Papac, Recreation Manager

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

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

D. New Items

1. **Welcome new member** – Fred introduced and welcomed Jeff Gadzia as our newest LQAC member. He has lived in BVS for 35 years, is an avid fisherman, and used to work for the BVSA (as a chef.)

2. **Water Quality** – Fred reported that water sampling was done in May. Cub Lake had a low DO (dissolved oxygen) level. It was just *barely* above ‘fish kill’ status, so Fred harvested fish for the two weeks that he was available. Some cyanobacteria were identified in the slide, but no detectable toxin levels were found in the sample that was sent in. Another sampling will be done before the 4th of July. The water level is very low; Fred has installed a depth gauge near the Veteran’s Memorial. He asked for the non-potable water to be turned on; unfortunately, it can’t keep up with the evaporative loss. Irrigation will continue, as in the past; **not** using the lake water. A fish kill in Cub Lake would result in an approximately \$100K loss.

4-Island is at 8.4 feet. Water is being transferred from Jack’s Hole, which will be drained in the next couple of weeks, and help bring 4-Island back to full pool. The non-potable water there will be turned on shortly. Jack’s was *slightly* high in orthophosphate, but the water visibility was very clear.

3. **Aeration update** – The 4th bid, for a second aeration system at 4-Island, came back at just over \$100K; \$55K for a new system at Cub Lake. Therefore, it was decided to go with ‘Marine Biochemist’ instead, which honored their original bid; the BVSA board approved. An entirely new system (pump with 16 aeration heads, identical to the one in 4-Island) will be installed in Cub Lake by the 2nd week in July (for \$42K.) The new heads (made of membrane) won’t require as much

maintenance as the current ones. Eventually, the system in 4-Island will also be fitted with the same type heads. Much of the work will be done 'in house.'

Ideally, 4-Island should have two aeration systems, although we shouldn't need a second one for approximately five years. **We will begin saving money in the reserves to pay for it.** The end goal is to have two systems in 4-Island and one in Cub Lake; all identical, which will allow for the interchange of parts.

The sonde is out for maintenance; we should get it back within a couple of days. The contract has proven useful; saved us a lot of money.

4. **Plants / floating island update** – There's a problem with 'hair algae' in Cub Lake. It is damaging some of the water lilies on the east side, and Fred isn't sure how to deal with it; he will reach out to Marine Biochemist. Once Fred is able to get back in the water, he would like to move the lilies to the west shore, to where the wind won't have as severe an effect on them. It's possible to *spot treat* the affected lilies with an algaecide; then move them, once they're dormant. The consensus was to leave them in place for now, at least through the 4th of July wknd.

Plants in the 7th hole pond are doing well; locations need to be tweaked slightly. Jeff said that he was getting ready to thin out the plants/grasses in his pond, and offered to donate some of them to LQAC. Fred wants to ID the grass first; possibly add them to the sides of the floating islands. Rick and Jeff will take that for action. Fred reported that an elk sank one of the FIs. The FIs are being continually modified, to adapt to whatever issues have arisen.

Rick picked up 30 aqua plants from the nursery in LA last month, for the FIs. The supplier worked with us on the price; once we do a larger order, we will qualify for wholesale prices. The only plant *not* doing well is the lavender musk. Depending on how well they do (overall) will determine our course of action for next year. The plan is to build more FIs: plant lilies in the fall and other blooming plants in the spring. Kimberly reported that the water irises in 4-Island (which were donated by Kathy Carey) are doing very well.

5. **Habitat project update** – Fred reported that Wes has agreed to have gravel installed by Cub Lake, in the area where he goes in and out with his truck, to prevent shoreline damage, as well as to provide some spawning habitat. Also, he moved all of the pine trees in Cub Lake (from the Christmas tree project) from the V formation into a straight line, as the fishermen were having issues with them.
6. **Fishing Derbies** – So far, we've had 13 entries from the Memorial Day Fishing Derby. Fred will wait til at least the end of the week before notifying the 'winners.' Each entrant will get a prize, as in the past. Fred also reported that there was a lot of positive feedback from parents/grandparents. He would like to get a weekly report from the BV rangers, advising how many fish are being removed from the

various holding barrels, but isn't getting much response. He will work with Debbie and Joe to try and improve communication with the rangers.

Fred will update the flyers for upcoming fishing derbies, to include permission to publish photos.

Fishery Status – Before his surgery, Fred had removed approximately 250 (8") Crappies from Cub Lake. He cleaned the fish, resulting in 7 lbs of crappie filets. However, the consensus was to hold off on having a fish fry, for now. He moved 55 Blue Gill (8" – 9" long) from Cub Lake to 4-Island; all pregnant. Hopefully, some of them will spawn there. Fred will continue moving Blue Gill to 4-Island. The spawning area/bed is in the no-swim zone at 4-Island, next to the Christmas trees.

He also reported that people have been dumping goldfish and koi into 4-Island and Cub Lakes. Some of the large goldfish have been spawning on the shore, disturbing the soil, and making the lake even dirtier. Fred will work with Jennifer W. to advise the residents against doing that, via social media, eBuzz, etc.

7. **4th of July planning** – Due to lack of volunteers to fill the open shifts, we will only operate the booth on July 2nd and 3rd (Sat. and Sun.) Set-up will be Friday evening at 5:00PM, which is also when the boat will be decorated. We will need to pick up the fishing game from the WC storage shed, along with red, white, and blue fringe – which Debbie advised is available. She also knows someone who will loan us a fish tank to use in the booth, to display a water lily, some fish, and an aerator.

We'll be in the same spot as last year. A couple of people have pop-up canopies, but we'll need at least one more. There was discussion about the layout of the booth, and what information/displays we will use. Fred will send out an email with a tentative schedule, and also to determine who has what equipment. He will also send out last year's 'cheat sheet' (of LQAC info) for comments, so that it can be updated.

Instead of having handouts at the tables (which are easily blown off,) we will have displays and information posted, that people can take photos of (with their phones,) if interested. Fred will work with Debbie on possibly securing LQAC t-shirts for committee members to wear at public events. He will also contact Janet about table layouts that were used last year.

E. Follow-Up Items

1. Bear Tracks articles – July (Alisha,) August (Fred,) September or October (Rick.)

2. Fawn Way drainage water recycling status – Brandon moved the rock in today; turned on head (to start recycling water.) Shot 30’ into the air; heavier rock is needed.

3. Rolling Oak / Eutrosorb status – product should be here any time.

Adjournment

The meeting was adjourned at 7:28 PM.

There will be no meeting in July. Our next meeting will be held at 6:00 PM on August 1st, at the Whiting Center and also via Zoom.

Minutes submitted by: Linda Flores

Minutes approved by: Fred Hicks