

BIRCH BAY VILLAGE LAKES COMMITTEE

MINUTES of MEETING, August 5, 2009

BBVCC Clubhouse

CALL to ORDER at 7:00PM

Present: Rick Whitaker, George Emmett, John Veleber, Bill Hansen, Bill Begue, Bob Hodges.

Also present: General Manager Ken Hoffer, Ken Hecker, Al Stoutimore and Bob Nelson.

Minutes of July 1, 2009 read and approved.

1. Calcium Chloride: We currently have great clarity in the lakes, due in part to the CaCl₂ treatment. We will plan a similar program of CaCl₂ treatment for next year.
2. Blue dye: The second treatment will be applied to the Lakes at this time: a second full treatment to Kwann, and break up the second TBird treatment into half now and half after the weed harvesting is complete.
3. Mechanical Weed Harvesting - as of the meeting about one half of TBird Lake has been cleaned, the results look really good. Staff is helping with the weed and algae removal from the boat launch area. Rick has another idea how to remove the remaining floating algae close to the shoreline, and will do some trials in the next few weeks. Thanks to the many volunteers that have pitched in to help with the heavy work. Rick will coordinate the volunteers to continue the clean up.
4. Observations of Lake Condition It was discussed and generally agreed that the lakes are improving. Rick advised that he has never seen Thunderbird clarity look this good; he obtained a 62" Secchi disc reading vs about 30" in May-June. Kwann currently has suspended blue-green algae which has reduced its normally high clarity to Secchi 32". Bill H is trying to contact Semiahmoo Golf Course staff to find out how they treat their lakes.
5. Grass Carp: Awaiting response from Governor's office regarding our letter of complaint about the slow permitting process. For 2010 we will request additional carp to replace the losses from our 2008 original stocking of the lakes.
6. Water testing: The Committee is continuing to monitor lake water temperature and turbidity. This year is quite exceptional: compared with 2008, February 2009 temps were 6°F colder, but then the temp rose rapidly to about 8°F warmer in April and 12°F warmer in June. IWS Water testing: Next test will be in third week of August: we will be looking at PO₄ levels, especially in Kwann Lake which were unexpectedly higher in June.

7. LG Sonic units Motion passed to request the purchase of two more for the golf ponds and one additional unit for Kwann under the 2010 budget. Bob will research internet for best pricing, as North American supplier has changed.
8. Vertex Aeration System: Will work on pod cleaning, airstation balancing and float marker replacement after Weed Dozing operations are complete. Discussion to check into scheduled compressor maintenance. (*Vertex has sent updated spares pricelist and maintenance instructions: Spares kit for each compressor is \$85, one spare compressor is \$540. Also, Vertex advises compressor rebuild should be done after 24-36 months, and that Aquatechnex can do this locally.*)
9. Fish Counting: John wants to sample the fish, catch and release. Ron Secor has offered his boat and fish-finder to count the fish in the lakes.
10. Committee Vacancies: We have 2 current vacancies (Gene Carr and Dick Duffy retiring), with a third in the October (Bill Begue). Ken Hecker, a former member, along with Bob Nelson and Al Stoutimore, have expressed interest. Motion was passed to recommend all three for membership.
11. 2010 Budget: Discussion regarding 2010 budget. Rick has it drafted up and will follow up with Ken.

Meeting adjourned at 9:00 PM. Next meeting Wednesday, Sept. 2nd, 7:00 PM at the clubhouse.

ADDENDUM: On August 8th Rick met with Dr. Robin Matthews at WWU. She identified four weed & algae samples from Thunderbird Lake as: (1) *Ulva Intenalis*, a salt water algae; (2) *Cladophora*, a filamentous, principally fresh-water algae; (3) *Chara*, a submerged algae species also known as *stonewort* or *muskgrass*; and (4) *Myriophyllum*, also known as *water milfoil*. The *milfoil* is a very invasive threat to our water assets and may require herbicide treatment.