

Friends of Spanaway Lake Board Meeting

Minutes

Saturday, March 21st, 2020- 3-5 PM

Location: Ed's 16903 Lakeside Dr. S outside around campfire, 6' apart

- 1) **Call to Order-Sandy**
- 2) **Roll Call-Sandy: Attending: Ed, Sandy, Jim, Elizabeth, Linda H (for Jessie), Debbie W (taking notes)**
- 3) **Approval of the agenda-Sandy**
- 4) **Approval of Prior Meeting Minutes-Board**
- 5) **Old Business**
 - a. Annual Meeting Follow Up:
 - a.i. Report to go to those that came and a request that they become ambassadors to their neighbors? Per Linda – Just the high-lights, and include a link to the presentations, that will all be uploaded on the website. **KIM will do this before the next board meeting. Jessie/Penny will proofread and approve.**

Kim has not sent this out yet because the website was not yet updated with the power point presentations. Kim will reach out again on the need to have the presentations uploaded.

Sandy forwarded this to Amy to put on the website.
 - b. Meetings with Reps Kirby & Conway – Ed & Jim (Sandy, did we already get this update, or is there more we need to do in early 2020?)
 - b.i. FOSL is making an operating funding request, not a capital fund request through Representative Conway. FOSL asked for \$150,000 per year ongoing. Voted, 2nd and approved by Jim Overway to send his letter regarding the bill to Conway, Kirby and Morgan.

Jim is going to call Conway to check in.
 - b.ii. Replacement of Shoreline Armoring – ESSB 6147 update – Jim will be calling Conway to check in. Should we let lake neighbors know about restrictions coming? Jim will ask Conway for start date.
 - c. Spanaway Lake Science:

Jeff Tepper - Chemist, Jim, Shuhui – Surface water mgmt., Sandy, Don Russell.

 - c.i. Next meeting March 31st.
 - c.ii. Discuss Don's letter on the meaning of Phosphorus vs Total Phosphorus. Is everyone on the same page in referencing Phosphorus? Sandy's email 2-12-2020 email. In meeting minutes, should there be a distinction?

Still not totally clear and not sure if we needed to still work on this. Maybe discuss next meeting.

We have the 2 students but not certain if will allow any students on campus so not sure if they will be able to work on samples, etc.

Sandy and Greg got samples yesterday near Kim's dock, trying to sample every month. Easier to do with 2 people. Mel got one sample by boat ramp and down here. Our samples have been 15-20 in the lake and 35 in high ground area. Would

be good to get split sample. The flow is most noticeable right after a storm. Samples at Kim's dock, Sandy's dock, canal and middle of the lake. After rain easier to see the sand volcanoes.

4th sample yesterday with Greg: He has a piezometer (drive it into the sediment in the lake). Got 250 ml samples for Don and Jeff.

Jeff wants to put sediment traps in 2 locations pretty soon. There are 2 deep points at 5 mile buoys, one near Scott's house and one off the island closest to park. Science team may be meeting later this month.

Discussion on working with County agencies (not helpful for us), getting funding from the State through grants, the Council getting a report on the lake management plan without notifying anyone it was happening. If we have a plan for lake management (how to assess all lakeside owners including the Park). Jim: in the 60s homeowners were assessed by waterfront but this was thrown not. American Lake has plan, lakeside owners assessed but JBLM pays quite a bit. Linda: Assess by lakefront parcel. Ed: many with Multiple parcels (included with the house). Have an idea what to be aware of while working on plan. We have potential to do this next summer but need an election this winter. If we decided to go to lake management need funding from Legislature to do treatment of lake. Ask for 1 million, may get 500k. IF we can keep the lake algae free for 1 year, then go after Lake Management plan with owners.

c.iii. Ground water vents:

Testing

Exploration

- New sampling yesterday 3-20
- Jim Utterback will ask neighbors about fishing holes. Per Jim, in the summer when the weeds are cut off, they float into the cove and sit on the top, then eventually sink.
- Sandy got the Secchi disk today and has two monthly measurements. The Microscope may be at Mel's home.
- Looking at possibly getting some rings to put in the coves to isolate the lake and treat some areas, while keeping some control areas.
- Looking for more vents, fishing holes, cleared gravel, etc.

c.iv. Sandy's 2-20-2020 email on measuring other chemicals in the GW vents.

- Optical Brighteners – 2-25-20 email by Herrera

Optical brightener. Study discussion part 2 using funding from remains of 25k\$ This was voted down last meeting. Ed: If we can get 5k out of county to do study then we should do it.

Motion by Ed: Ask County for 5k to fund Optical Brightener Study. Second: Elizabeth. We are asking County to allocate for this.

Herrera good company to do study and well recognized. Jim: The county lag that comes with funding may be a problem. This is the same process we already have a history of. Sandy: Not necessarily time sensitive. UPS students will be doing water testing though summer. Deeper parts of lake harder to do testing. If we can get Herrera to do the study this summer that would be great. Iron and alum vs Phos-lok treatment discussion.

Vote: all in favor.

c.v. 2 of Jeff's students available for testing – What assistance does FOSL need? Unsure what students will be able to do as the campus is closed currently?

- d. Coffee Creek Board Meeting – Third Thursday of each month at 5:30pm. Elizabeth will find out when the next meeting will be. We have invited them several times to come to our meetings.
- e. Kikaha O Ke Kai canoe races – Ed.
May 16, 2020 race on Spanaway Lake. Ed and Scott will assist them again this year. Yes Ed and Scott assisting Kikaha o Ke Kai canoe races. Any other volunteers? still on? Sue said she would help, sandy also. 2 people per boat would be helpful.
- f. Herbicide Treatment – Herbicide on Spanaway Lake – 2-12-2020 email
 - f.i. Endangered species
 - f.ii. When can the lake be sprayed?
It appears Spotted frog no longer a problem, and ok for getting permit from Doug Dorling. He is continuing the process to get the names. At next meeting need to confirm the plan. Merle spoke with Linda about the treatment, looking for other vender. We will get a bid from Terry also. We will get the permit and sub contact out and they contact lakeside residents. Need to have them spray end of June or beginning of July. We can let FOSL members know ahead of time and that may help get a better response. Only 50 lots can be sprayed in the permit. Doug not very good at advertising, getting contacts. Aquatechnics is larger company.
Proposal: We pick Aquatechnics; ask for bid, what we will do for their business.
Motion by Jim: Invite Aquatechnics to be the lake sprayer for 2020 and giving lake names to company. Second: Ed.
Voted: all in favor.
- g. 2020 FOSL Sponsor Plates – Have they been delivered to everyone who ordered them at the Annual Meeting? Gave stickers out as needed: Elizabeth, Linda. Ed got stickers for Scott also.
- h. Boat House Display – Jessie
Becky Little, Replacement – We need to upgrade to looking better, need to be laminated. Our contact information needs to be updated, put in business care. Elizabeth will look into that.
- i. Tahoma Audubon – Poetry in the Park – Next Steps
 - i.i. Write check
 - i.ii. Create Poster?
 - i.iii. Sandy has no info nor will he spend any time on this.
Not sure if fee has been paid for Poetry in park. We had talked about adding our Sponsorship Plate at entrance under someone else's sign. Poetry in the park is for the month of April, probably not happening due to COVID-19

6) Committee Reports

- a) Aquatic Plant & Phosphorus Fractionization update (Cost \$20,000) – Ed
Aquatechnics were on the lake in October, took core samples, and created maps. Next steps?

Ed reported that the results of the Aquatic Plant and Phosphorus Fractionization update should get draft this week. Also, most likely a public meeting after results is in. Terry will give us a report on the aquatic plant management plan. Quarterly report due to the county soon. Ed working on this.

b) Grant updates – Sandy

b.i) Ecology Grant with Dr. Wu –denied.

b.ii) Clover Creek Grant submission in early 2020 – Linda/Jessie

Historically, CCWC gave FOSL 2 – \$2500 grants historically. FOSL wants to apply for these again. One for Operating Expenses and one for Projects. Information is on the Website.

Next CCWC meeting Feb 19th, 3:30-5:30pm. Was canceled

project expenses which could include Sampling Equipment, Lab fees to enhance the free laboratory work we're getting from UPS. The Chemistry (Jeff Tepper and his 2 students) may tell us the percentages of where the water is coming from? Janet Spingath, **Sandy will provide contacts. Penny, Jessie and possibly (Linda?) will work on these grants.**

Jessie and Linda have done some writing for the Grant. Those writings have been sent to Sandy. Need to have a detailed list of what we are requesting monies for. Sandy replied 3-21-20 with budget detailing how to spend the 2500 Ed will provide information on costs for some sampling equipment. Linda and Jessie were looking for input on sections a-g. Budget part is done.

c) Treasurer Report - Balance of Funds is \$11,167.58 as of 2/27/2020.

d) February storm sampling results

e) Facebook Stats – Are there opportunities with the Facebook site to engage the community? Sandy's 2-3-2020 email.

e.i) Can FOSL take action to continue to increase activity on the FOSL Facebook site?

e.ii) Should FOSL periodically provide a link to the Website or pin the link to the top?

e.iii) If you have a Facebook account, do you follow this?

We felt it would be good to keep Facebook going for FOSL. Sandy does it with a bit of help from Karen Margeson. She wants to highlight small businesses in the area. She put all the snow Christmas pictures up. OK to have her help? If only supporting/recommending some businesses than not a correct position for FOSL, unless generic support of small businesses. Sandy will send her a private message.

Linda asking if possible a high school student could help with this? Elizabeth had video/pictures she offered to add. Great sandy didn't get them

f) Bill ESSB 6147 – Shoreline Armor Bill in Olympia

Jim Overway will send his letter that was voted on and approved by board tonight, to Conway, Kirby and Morgan. However, it does appear that this Bill will be passed. Mel said it mostly relates to salt water. Yes, this Bill will override the Shoreline Management Act.

- g) Spanaway Lake Science advisory Council – Paula Langager from Spanaway Lake High School is looking for members for the District CTE advisory committee for their natural resource/environmental science pathway. Individuals need to be current working in their field as we seek their advice on equipment, curriculum, and technology utilized in a particular field. We study plants, biodiversity, water quality, air quality, agricultural practices, energy, ecosystems and environmental engineering.

At this time we do not know anyone to be a District DTE advisory committee member.

The only people we are aware of, with the credentials needed, would possibly be Mel or Sandy. Anyone know any other outside folk that may help us?

9) New Business

- a. March 10th meeting of County Board of Supervisors for Spanaway Lake Management Plan – see attached 3-19-2020 email from Sandy with PowerPoint also attached. After talking to Amy Cruver about 30 min presentation by Tom K to County and he had Barbara Ann answer some questions. Presentation made staff look bad. Pam Roach asked good questions. County Board presentation was just staff reporting to council. Penny has a link to it. Amy said this is normal practice. We have tried to get them to attend our public meeting.
- b. Florescent Whitening research to locate GW from septic systems entering the lake
 - b.i. Lake Whatcom Presentation attached
 - b.ii. Lake Tapps Presentation attached
 - b.iii. Dubber & Gill 2017 Report attached
- c. Discussed JARPA application. Mel suggested we discuss finding a person to write up the JARPA application for projects that we may want to do. This would then enable us to receive permission to do multiple projects with one JARPA application. Ed: recommend that we hold off until next month to be able to see better what we are doing. Permit covers a lot of areas.

10) FOSL Member Open Forum-Sandy

- a) Discuss if possible having some stationary printed that shows FOSL logo for Board Members to use when sending out letters for business purposes.
Anyone else like to help with Algae watch – Elizabeth will do that.
Mel wanted us to consider upshore wells, 6-8' depth. This is fairly expensive. The county has wells we could access if we'd like to.
Kim found someone with link about barley straw for algae control. Ed: worth looking at. Will look into it. Put bags of barley straw into lake, maybe good for the cove, would require too much for the lake. Sandy will forward to Jeff to see if this would be something we could test.
Any other work or ideas for the students to do would be great. Raking of vegetation to test????

11) Adjournment-Sandy

Next Meeting: Date: TBD. Time: TBD. Location: TBD