

FOSL Board Meeting

6/6/19 Minutes

Location: Jim & Janis Overway at 1411 Creso Rd. Spanaway 98387

Meeting came to order at 7:03pm

Attendees: Sandy Williamson, Scott Munson, Ed Larson, Kim Long, Jim Overway, Elizabeth Iselin, Mel Oleson (by phone)

Guests: Janis Overway, Isabel Raglund, Kathy Creso, Jessie Richards, Sue Thompson

Agenda Items:

- 1) Welcome Govt. member[s] in attendance – Isabelle Ragland with Conservation District. Parks (Becky &/or Jessica), SWM (Barbara Ann) – Sandy
Isabel Raglund with Pierce County Conservation District and the Lakewood Volunteer Lake Monitoring Program.
- 2) Update on Coordination with Governmental Entities: Isabelle Ragland with Conservation District
Pierce Conservation District works to conserve natural resources and is about 70 years old. Work with and provides technical assistance to landowners, cities and farmers. Partner to Natural Resources at State. Not related to Pierce County. Completely non-regulatory.
 - Habitat Restoration program for salmon protection.
 - Environmental Education program.
 - Water Quality program – Storm water and issues.
 - Urban Ag program (community gardens).
 - City of Lakewood – Lake Monitoring Program. This Program started in Early May 2000.
- a) Green Partnership Fund – Grant Program (SEE ATTACHMENT). Information on Grant goes out in September/October (Actual Dates on Website).
- b) CITY OF LAKEWOOD – LAKE MONITORING PROGRAM – SEE ATTACHMENT:
 - Consultant report – Isabel will send to Sandy.
 - Link to annual report is on the conservation district website. Isabel will send a link.

TRENDS:

- Lakes are having more toxic algae blooms. Labs need to have a reporting level less than 0.05 to track total phosphorus effectively for trend reporting.
- WML is the only lab that does the Chlorophyll.
- Trend reporting should have 25 years of data. Lakewood only has 16 years. Lakewood is no longer collecting samples as of last year 2018. But other volunteer monitoring continues.

QUESTIONS FROM FOSL:

Is Conversation District interested in getting Spanaway Lake on a program?

- Isabel would welcome a discussion this fall regarding Spanaway Lake.
- There is equipment that the conservation district could possibly loan out.
- Training for volunteers typically occurs in April/May
- Isabel could meet with us on a Saturday morning to go over the equipment once FOSL is ready to engage in this monitoring.
- The Program is more structured than what FOSL is currently doing. Spanaway Lake could be monitored similar to the other lakes in Pierce County.
- The Conservation District could potentially manage a program for Spanaway Lake, but can't pay the lab fees.
- Most funding is local, used as grant match.
- FOSL to determine what types of items to monitor.
- FOSL also to ensure the monitoring meets the goals of FOSL.

Are they keeping their eye on anything in particular?

- Not specifically.

Is there a sampling volunteer that could meet with us or go out with us.

- Don Russell's name was mentioned along with Kurt & Janet Spingath.
- Kurt & Janet are the American Lake volunteers for the Integrated Aquatic Vegetation Management Plan.
- Janet is chair of the Clover Creek Council.

OTHER RELATED DISCUSSION:

Ecology has a program and the state picks up the tab. On Ecology's website, it walks through the process.

The Pierce County Health Dept (Dr. Hobbs) is setting up at Jessie's tomorrow at 1:30pm. Health Dept is able to train on Algae Sampling.

3) SWM & Parks Board update

- a) Aquatic plant study plant contract update
- b) How do we increase interaction of county agencies with FOSL

4) FOSL Annual BBQ Sunday July 14 at 4pm Williamson/Larson waterfront for lake residents (Sunday).

Ed's home is the primary location.

Potluck party starts at 4pm.

BBQ at 5:30.

Make invitations (Jessie, Sue, Elizabeth)

Coordinate by email.

Put up posters and map on docks.

Advertising: Invitation should say Fundraiser. Come by boat (tie up at Sandy or Ed) or car.

Fundraising for BBQ – Scott. Fundraising Target: Tax deductible if over \$20. Checks or Credit cards

FOSL goal - Removal of Lily Pads

Point to the study and make the goal \$25,000?

Need to articulate the plan for cleaning up the lake.

Can we get a save the date out?

- 5) Visit with Jeff Tepper (UPS Prof) when he picked up the data collection hardware – Scott
Jeff works with students and they need access to the lake. This project is focused on by students every other year. Data coming in from students is erratic, however it's Jeff's opinion it's with the ground water coming in that's bringing in the phosphorus. He thinks where there's gravel is where the ground water is coming in. Their core samples show when cattle was heavy in the area in the 1840s and 1850s and when Asarco started up.

Per Jeff, the county has identified Spanaway Lake as a lake they want to fix. High use and high frequency of algae blooms.

About 20 years ago the golf course was fined as a Non Points Sourced Polluter?
This was due to the fertilizer they were using on the golf course. Build up drained to lakes and streams and downstream to Tule Lake.

RELATED DISCUSSION:

Based on long time residents' memories, the toxic algae blooms start on lake in the 60's around September.

FOSL would like to find out where the phosphorus is coming from. Scott to talk to John Holtz to find out what study FOSL needs to determine if the phosphorus is coming from sediment or ground water coming in. Will the Phosphorus Fractionization study determine this?

In September, FOSL will work with Don Russell to go over the gravel beds to assess the springs coming into the lake.

Kyle Wintemute is now in charge of all parks, so FOSL will be working with someone else for Spanaway Lake going forward.

- 6) Various items – Mel
Permitting: Some permits take 3-9 months to get some permits and applicable for several years.

Noxious Weeds - Essentially, every lily pad on the lake is invasive. There are several grants for noxious weed removal. A list of the permits needed should be something we can get from the companies' doing the studies - **Ed to ensure this is in the contract.**

Develop a sampling team / Create Quality Assurance Project Plan:
TPCHD for Data Collection to align data with our goals. Can we get more involvement from residents to help with sampling? **Isabel, Mel and Sandy should meet again.**

Writing Grant Applications / Legislative/ agency interaction: There is a grant coming up in September that's already on the internet. **Grant's team to put together a calendar of the grants and report back in the July meeting.**

FOSL should have a list of projects prioritized in conjunction with the grants that are being researched along with a list of FOSL priorities. **Scott will start this list and everyone can add to it.**

- FOSL will prioritize the list in the July meeting.

- 7) Phosphorus fractionization study Options – Ed & Scott
 - Separate from Plant Study, FOSL needs to stud water columns and find a spring and find the phosphorus coming in. Need to resolve the issue of where it's coming from so we know how to treat it correctly.
 - Sediment is easier to treat and analyze the phosphorus in the sediment. It takes a heavier and less frequent treatment of Alum.
 - Phosphorus in ground water coming in takes a lighter and more frequent treatment of Alum.
- 8) Legislative ask update:
 - a) Locate springs study
 - i. Thermal imaginary to locate springs - September week after Labor Day
 - ii. Other means?
- 9) Grants Planning – Mel, Jessie
- 10) Report: May 18, Kikaha Outrigger Canoe Club's Sprint Canoe Race on Spanaway Lake - Ed, Scott & Sandy

Thanks to Scott, Ed and Sandy! It went well and they were so happy to have us!!
- 11) Any news on slow progress items
 - a) Permanent Display by the boathouse – Mel continues to get updates on the timing for the display.
 - b) SLHS sampling trips – Water Safety Specialist Certification or in other words Swim Instructor.
- 12) Budget Update – Jim Utterback by phone or email
- 13) Rewrite Web site Home Page
- 14) Report on PLU class presentation about our study of Clover Creek watershed Public - Ed & Sandy

14 students presented in 45 minutes. Pretty good presentations. Clover Creek was channelized in the 40's.
- 15) Update on Fundraising with Coldwell Banker Bain – Kim

Other:

Next meeting, discuss what we're going to do about volunteer lake monitoring.

Housekeeping:

Future Meetings:

- a) Going forward, FOSL meetings will be held on the 1st Thursday of the month.
- b) Next meeting will be Thursday, July 11th (July 4th is the first Thursday)
Location: at Scott Munson 1101 Creso Road.

Mission Statement noted in the by-laws:

The Friends of Spanaway Lake is a non-profit community organization of local citizens comprised of property owners, users of the lake and other interested parties dedicated to:

- the preservation of water quality,
- fish and wildlife habitat enhancement,
- protection from environmental hazards,
- Education, including communication of lake safety, preservation and protection of property and property rights.

These objectives will be attained by a combination of citizen engagement and working with local and state government and other appropriate agencies for the continued vitality of Spanaway Lake.