

NLFCZD Advisory Board Meeting Minutes
Thursday, May 14, 2015
Spokane County Public Works Building 4A 3:00pm-5:30pm

Present –

Staff: Marianne Barrentine, Jane Clark, Karen Kruger, Ethan Rogers

Committee Members: Wayne Block, Lorne Burley, Mike Frasco, Dennis Rewinkle, Tom Stebbins, Laurie Keaton

Guests:

Brief Introductions

Air Sep and WSU Study Cost Estimate

- Staff presented estimated costs for the additional WSU Study and AirSep Repair options.
- The Advisory Board would like to see a summary from WSU on the purpose and need for the project, scope of work to be done, and the end goals for this additional study.
- A full troubleshooting procedure was done on the AirSeps on April 22nd by Joe Hennessy of IER Environmental Resources to determine the source of the decreased purity of oxygen that is produced by the machines. After the mufflers were removed one AirSep had its oxygen purity improved to its design spec. (95%), while the other improved only slightly to 66% oxygen.
- It was suggested that the District purchase at least one Oxygen purity meter to have out at the compressor building to measure the performance of the AirSeps on a regular basis.
- An additional oxygen receiver tank may be needed if the results from WSU's study come back indicating the system need to run at the full capacity. However there may not be enough room to accommodate another receiver tank, but Staff will verify.
- Rogers Machinery gave Staff an estimate for the valve repair, approximately \$2,000 per unit. Staff will review and begin work on getting an invitation to bid out to the small works roster as soon as a full parts list can be verified.
- An alternate bid item for the sieve bed replacement can be added to the valve repair, which can be used if the valves are repaired and purity does not improve substantially.
- Discussion on what level of responsibility Rogers Machinery has with regard to the issues with the AirSep equipment.
- A consensus of the Board was made regarding pulling out of reserves approximately \$12,700 for the additional WSU study and repairs to the AirSep valves. Will be left with \$41,000 in water quality reserves.
- Staff will also look into purchasing an Oxygen purity meter, and determine the space available within the compressor building for a second receiver tank.

District News:

- **Lake Level:** Lake level is currently sitting at 2125.32 with the gates closed.
- **Snow Survey:** Round Top Mountain at elevation at 4,020 has no snow. Ragged Ridge and Thompson Creek also no snow. No May 1st snow survey done due to lack of precipitation in the form of snow since previous survey.
- **Alum System:** Two deliveries as of the Advisory Board meeting. Had to replace a couple of parts and the pump.
- **Dike Walk Inspection:** Met with Kelly Scott with NRCS and Advisory Board members on April 29 for the annual Dike Inspection. Not much change in the condition of the structure. Discussed dike repair options with Kelly on site. A tree that is on the lake side of the Dike should be trimmed or completely removed as it poses a risk to the integrity of the structure.
- **Dike Repair:** Unable to contact the contractor with regard to the nearby pile of dirt that could be used in the repair. About 2,000 cubic yards was estimated to be needed to bring the dike up the design elevation along the eastern section of the dike.
- **Honeymoon Bay:** Local residents had contacted Staff regarding trying to address some stormwater issues that have been affecting the area for some time. Staff found a preliminary design and cost estimate from approx. 1995 and updated the cost estimate. Willing to help facilitate the resident's desire to apply for water quality

grants from Dept. of Ecology for full design and construction. A separate time code was suggested to measure staff time spent on this activity. Consensus of the board was staff time to support effort was okay but did not support District funding for matching grants or facility maintenance.

Milfoil Update:

- Milfoil treatment will be June 2nd, and WDFW has agreed to close the public launch for the treatment day and for the two days after treatment.

Communication Plan-Signage Discussion:

- Brief review of the communication plan that was presented to Advisory Board by Tom at the April meeting.
- Discussed the various options for size of signs to be placed at various locations.
- Staff was asked to inquire about getting utilities run out for a possible boat wash/inspection station south of the new fire station while the ground is still being graded.
- County Bridge Maintenance crew will likely be available to put in a couple of wood posts that a large banner sign can be stretched between and changed out easily on District property along Starr Rd.
- Discussed the idea of putting in permanent signage at the public and private boat launches, and providing a kiosk with brochures on milfoil and shoreline erosion to educate outside parties.
- Will ask the Spokane Conservation District if they have material on shoreline erosion that the District can utilize.
- The signage that will be placed along Starr Rd. should be simpler, easier to read for those that are driving to the lake. Banners can be interchangeable so a variety of messages can be communicated i.e. "LAKE CLOSED FOR MILFOIL TREATMENT"
- A concern was brought up that banners along Starr Rd road would look tacky and be an eyesore.
- Coming up with a centralized place for residents to get information.
- A discussion about the use of 477-LAKE phone number: would people use it, or are they simply confused as to its purpose?
- It was mentioned that the more permanent signs at the boat launches should be more in depth and informative, because people would have more time to read while at the launch
- Staff will start to get the process going to install posts for temporary signage on District property along Starr just south of Lincoln. The content of the signs can be handled by email.

Shoreline Erosion

A brief overview of the issues facing District residents with regard to shoreline erosion

- Problem: shoreline is disappearing due to erosion
- Cause: an increase of the amount of wakes generated by large boats on the lake
- Cause: difficulty finding permit friendly alternatives to protect shoreline
- Possible Fix: find an acceptable methodology of shoreline protection that will meet the needs of all applicable permitting agencies.
- Possible Fix: limit the size of boats that are allowed on the lake.

Closing Remarks/Adjourn

- Next meeting will be on Thursday, June 4th at 3PM at Spokane County Public Works, Conference Room 4A
 - Will be heavily budget focused
- Annual Summer Meeting: July 15th at the Newman Lake Grange

Submitted by: Ethan Rogers