

Agenda

September 12, 2019

Regular Meeting: 6 pm

Lincoln City, Council Chambers

801 SW Hwy 101, 3rd Floor



Call to Order

Roll Call

Approval of Consent Agenda

Public Comments

Committee Reports

Committee Update – Committee chair to provide a briefing to the board.

Sewer Committee

ACTION ITEM – Presentation of a final report and resolution to dissolve the DLWID Sewer Committee.

Special Projects / Events and Communications

Committee Update – Committee chair to provide a briefing to the board.

ACTION ITEM

Update on recent and upcoming events

Save our Shoreline and Water Monitoring

Committee Update – Committee chair to provide a briefing to the board.

ACTION ITEMS

Boy Scouts Water Gardens Projects

New Shoreline Restoration Projects

Plant Sale

District Projects and Operations

Devils Lake Conservation/Aeration Project

All aeration system equipment is functioning as planned and required.

ACTION ITEM

John Tucci will be on site the week of September 16 for summer inspection and adjustment of the aeration system. He has also provided us with the specific coordinates of each diffuser for our plotting and future analytical use. Lake contractor is scheduling maintenance time for changing compressor oil and completing a diffuser inspection.

Devils Lake Video Monitoring Project

The camera is functioning as intended. Staff is evaluating ways to improve the camera systems stability.

ACTION ITEM

Due to power and internet fluctuations they occasionally need reset. Staff is currently evaluating a second installation site farther north on Devils Lake for placement of our second camera.

Airstream Pro Shoreline Aerator

The main drive motor was damaged by storm debris and has been replaced. The Lake Contractor has re-installed the unit in the lake and it is operating near the Sand Point/Thompson Creek area.

ACTION ITEM

Due to limited availability and in an effort to reduce operating costs we are evaluating the use of a portable gas generator to power the unit. If this option proves to be useful it could also open up vastly more areas in which the airstream could operate.

D River/Devils Lake Flood Protection

Flood Management options for the inundation of tidal sand and storm debris in the D River channel continue to be evaluated. Meetings with individual stakeholders are moving forward to find collaborative solutions to the problem.

ACTION ITEM

DLWID has executed a contract with Civil West Engineers Services for a survey to locate a sediment removal channel and provide an estimate of debris volume for potential removal.

Staff met with Lincoln City Public Works staff and discussed urgent need to remove the built up sand woody debris from the 3rd Street Canal (adjacent to bridge) and within D

River, South of Kyllos Restaurant. It was agreed that action must be taken and the city has agreed to assist us in the effort.

Staff has worked to develop a team of regulatory agencies to determine the presence or absence of Pacific Lamprey within the lowest 300 feet of the lake. This sediment zone is identified as an historical and potential current rearing location for larval lamprey, therefore the interest of ODFW and Siletz fisheries biologists. This work was completed July 17th and no significant Lamprey population was found. ODFW has requested that DLWID perform a fish recovery effort for any possible Coho in the channel prior to any excavation work in the river. They have agreed to assist us with the recovery efforts.

Staff continues to contact dredging contractors to determine pricing and possible methods of removal for the sediment.

Water Quality Briefing

Water quality and clarity continue to be improved in Devils Lake. Recently there have been accumulations of green algae but Algae levels are lower than in previous years and appear to be less consolidated. The Dissolved Oxygen levels (over 97% on the bottom) and pH (avg. 7.4) are currently excellent indicating a healthy water chemistry.

There are a higher volume of plants in the lake as compared to previous years which is to be expected. However, the lake still needs a substantial amount of revegetation in order to maintain a good natural balance. After DLWID staff surveyed the lake this month we were able to estimate how much vegetation is currently growing in the water. We are at approximately .3 percent, well under our 20 percent goal. There are two dominant species growing at the moment, spatterdock and tapegrass. neither are invasive.

DLWID staff will continue monitoring the plant growth and present vegetation management options as necessary.

The District continues to work on identifying sources of pollution in Thompson Creek.

General Operations

Bacterial Sampling Season has concluded. Since Memorial Day week water samples have been collected and tested for E.coli. Results are emailed and posted on www.DLWID.org weekly. This year the E. Coli level has not exceeded the maximum threshold in the lake.

New Business

ACTION ITEM

Resolution to move funds from Improvement Fund to General fund (D River Survey)

Lake Contractor Contract Award

Bookkeeper Contract discussion

Potential Part time Positions

Non-Agenda Items

ACTION ITEMS

The Regatta Park food vendor deed restriction removal

Emergency Planning