

COOS BAY-NORTH BEND WATER BOARD
P O BOX 539 – 2305 Ocean Boulevard
Coos Bay, Oregon 97420

Minutes
Regular Board Meeting

October 1, 2020
7:00 a.m.

Coos Bay-North Bend Water Board met in open session in the Board Room at the above address, date, and time with Chair Solarz presiding. Other Board members present: Bob Dillard, Melissa Cribbins and Dr. Charles Sharps. Water Board staff present: Ivan D. Thomas, General Manager; Jeff Page, Operations Manager; Matt Whitty, Engineering Manager; Jeff Howes, Finance Director; Karen Parker, Administrative Assistant; Board Legal Counsel Jim Coffey was present. Present via teleconference were Bryan Tichota, Customer Relations Supervisor; John McKevitt, Water Treatment Supervisor; Reshma Parrish, Water Quality Technician, and Dave Livesay of GSI Water Solutions, Inc., Media present: None. Chair Solarz opened the meeting at 7:00 a.m. led the Board and assembly in the Pledge of Allegiance.

Chair Solarz asked if there were any corrections or additions to the September 17, 2020, Regular Board meeting minutes. Dr. Sharps moved the minutes be approved as written. The motion was seconded by Ms. Cribbins and passed unanimously.

Chair Solarz asked if there were any public comments, and there were none.

Regarding the draft plan of the Coos Bay-North Bend Water Board's Surface Water Monitoring Plan, Mr. Thomas stated Mr. Livesay of GSI Water Solutions, the groundwater consultant for the Water Board, was present via phone, to give a brief presentation of the proposed draft Surface Water Monitoring Plan (SWMP) and answer any questions the Board may have.

In December 1999, the Water Board and the US Department of Agriculture Forest Service (USFS) executed a Special Use Permit (SUP) for operating and maintaining the municipally owned dunes water system that is located in the Oregon Dunes National Recreation Area north of Coos Bay. The permit was set to expire in December of 2019 but mutually extended to an expiration date of December 31, 2020.

Mr. Livesay reviewed a map of the monitoring area at the North Spit consisting of 23 production wells and the monitoring wells that are involved, and staff gauges that will be used to monitor the lake levels. The objective of the SWMP is to provide the Water Board and Forest Service with the necessary data to monitor hydrologic conditions in the vicinity of the wellfield which is located on federal lands. This is the reason a Special Use Permit with the Federal Government is required. The SWMP is required for renewal of the Special Use Permit.

The proposed SWMP describes data collection and evaluation criteria which confirm the operations of the wellfield are not adversely impacting surface water resources. This plan is a simplified plan from the prior documents and it is based on a baseline pumping rate of 3 mgd or less. Currently the wellfield is producing about .5 mgd and has been doing so since 2005. Keeping the pumping rate at 3 mgd or less streamlines the monitoring requirements the Water

Board has. However, if there is a new demand to increase the pumping rate above 3 mgd there are adaptive management actions and procedures imbedded in the plan and will also be in the SUP to allow that increase with additional discussions with the USFS.

The two primary management goals for continued operation of the wellfield are the following:

Goal 1: Prevent adverse impacts to surface water features (lakes and wetlands) on the dunes in the vicinity of the wellfield

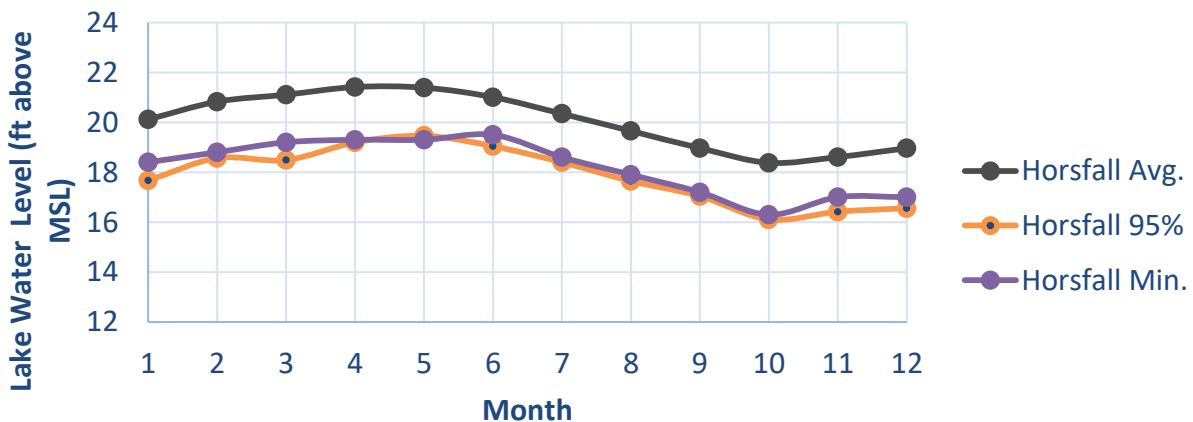
- Continue with monthly lake level monitoring
- 95% confidence interval was calculated for each monthly average. Water level data falling below indicate there may be influences on lake levels not expressed in the existing data set.

One difference in this proposed plan, which is something the USFS asked to be done, was to include some management criteria. For example, if the lakes drop below a certain threshold level then that would trigger our response, or at least a discussion, to talk about any actions that are required.

To illustrate this concept, GSI prepared hydrographs of lake level data collected between 2005 and 2020. Mr. Livesay reviewed an example of the hydrograph shown below. This time frame was used because in 2005 the pumping was reduced to the current levels of .5 mgd. These graphs show the monthly averages over this 15 year period, the lower end of 95 percent confidence interval, and the single month lowest water level elevation measured during this period. Most of the low level elevations occurred in 2015, when annual precipitation was approximately 50 percent of the long term average.

Lake Level Criteria Example – Horsfall Lake

Avg., Min., and 95% Conf. Interval, Horsfall Lake, 2005-2020



Goal 2: Prevent seawater intrusion into the freshwater aquifer resulting from groundwater pumping

- Indications of seawater intrusion will be determined by tracking the trend of chloride in each well quarterly and reporting the findings in the annual report

The importance of rainfall is integrated in the plan. GSI is working with some USFS hydrologists and they are very interested in tracking the rainfall and considering the variability in recharge, particularly related to climate change. GSI agreed to track rainfall on a monthly basis and calculating a 5 year rolling average of rainfall. During the rolling 5-year average, if it drops below 75% of the historical average for 3 consecutive months, that is starting to indicate we are going into a drought condition. The Water Board and USFS would meet to determine whether there are any actions required in order to protect water resources. This does not include reducing pumping if we are currently below 3mgd.

Mr. Solarz asked how many times rainfall has dropped below 75 percent in the last 15 years. Mr. Livesay stated this has been seen a number of times. From 2014 to 2015 there was about 2 years it was below the annual average. Dr. Sharps inquired if we are currently in a drought. Mr. Livesay did not have the data at hand but stated he believes we are in a short term drought condition, whether it affects the 5 year average or not at all, it would be integrated in the statistics.

Mr. Livesay reviewed a summary of monitoring requirements. The monitoring will include all lakes, namely Bluebill, Horsfall, Sandpoint and Spirit Lakes. Beale Lake will continue to be monitored as a means to track background conditions, but will not be used for the minimum monthly lake elevations analysis, as it is a significant distance from the wellfield and previous data have shown that it is not affected by significant levels of pumping.

The next steps are as follows:

- Submit Surface Water Monitoring Plan to USFS for review and approval – October 2020
- Review and comment on the Draft Special Use Permit from USFS – October/November 2020
- Special Use Permit Renewal completed December 31, 2020

The Board of Directors thanked Mr. Livesay for his presentation.

After further discussion, Ms. Cribbins moved to approve the draft plan of the Surface Water Monitoring Plan for the 2020 U.S. Department of Agriculture Forest Service Dunal Aquifer Special Use Permit Renewal. The motion was seconded by Dr. Sharps and passed unanimously.

Regarding renewal of the Pacific Source dental insurance contract, Mr. Howes stated Pacific Source has submitted a proposal for the next coverage period of December 1, 2020 through November 30, 2021. The proposal includes a rate increase of 4.25% across each group within the plan. At a full staff of 41 employees, the total annual cost proposal would equal a maximum of \$52,691. This is a maximum increase of \$4,951 more than the total billings of \$47,740 for FY19-20 for 40 employees at different levels of staffing. The cosmetic orthodontic coverage did not have a rate adjustment for the upcoming year.

After a brief discussion, Ms. Cribbins moved to accept the Pacific Source dental plan renewal for 2020-2021 and authorize the General Manager to renew the contract at the proposed rates. The motion was seconded by Dr. Sharps and passed unanimously.

Regarding proposed Southwest Boulevard Pavement Repair, Engineering Manager Matt Whitty stated on September 21st there was a water main failure on Southwest Boulevard near the intersection of Washington Avenue. The leak released a jet of water which caused uplift along the travel lanes between Englewood Market and Washington Avenue.

The leak has been repaired and the Water Board patched the roadway with a temporary cold mix patch. Due to heavy traffic on the roadway, the temporary patching will require constant maintenance. The roadway is very rough and will continuously be a safety concern if the temporary patching is left in place for too long. Mr. Dillard asked how long of a stretch this was. Mr. Whitty stated approximately 450 feet. Mr. Solarz inquired if this break caused any flooding. Mr. Whitty stated it all went into the storm drain.

Water Board staff have met with City of Coos Bay staff and worked out a plan for repair of the damaged road. The plan includes an immediate repair of the severely impacted area surrounding the leak. This area is 24 feet wide and 30 feet long covering both the East and Westbound travel lanes. This will stabilize the road over the winter.

The second phase of the repair would occur next construction season after an evaluation of City and Water Board infrastructure that lies within the repair area. The City is researching their pavement infrastructure plan for when pavement replacement would occur for Southwest Boulevard. If pavement replacement is within the next few years, the City could accelerate their schedule to partner with the Water Board and help make permanent repair of the roadway.

On September 25th staff issued a request for quotes for the repair of the area severely impacted by the main break. The quotes were due by September 30th. Two quotes were received as follows:

Laskey Clifton	\$33,953.60
Knife River	\$23,760.00

Mr. Dillard asked what the estimate was for the entire project. Mr. Whitty stated in the range of \$80,000 to \$90,000.

After a brief discussion, Ms. Cribbins moved to accept the quote from Knife River in the amount of \$23,760 and authorize staff to move forward with the recommended repairs. The motion was seconded by Dr. Sharps and passed unanimously.

The Board's next regular meeting was set for Thursday, October 15, 2020, at 7:00 a.m.

In reviewing the revenue graph, Mr. Solarz noted the increase in revenue. Mr. Thomas stated revenues were up in August. Staff has been reaching out to customers letting them know the utility will start reinforcing collection efforts as of today. Many customers have called in making payment arrangements to bring their accounts current.

Updates were given as follows:

- Tank Maintenance – SUEZ is scheduled to recoat both the inside and outside of the Isthmus Heights tank with a proposed completion date of November 1, 2020. Upgrades will also be made to make the tank OSHA compliant. Radar tank will be scheduled next year.
- McDaniel Street Water Main Replacement – Knife River will begin working on this project in late October.

- FY 2020 Financial Audit – The auditors have been on site and the audit will be presented to the Board of Directors in November.
- Springbrook Upgrade – Springbrook will upgrade the system with the most recent version and should be completed with the installation by January 2021.
- Flanagan Pump Station – Due to staff trying to complete the dry weather projects and being shorthanded this project will begin in 2 to 3 weeks.
- Timber survey – Request for proposals will be issued in mid-October with a due date in mid-January.

At 8:10 a.m. Chair Solarz directed they go into executive session for the purposes of discussing potential litigation pursuant to ORS 192.660(2)(h) and information of programs relating to security pursuant to ORS 192.660(2)(n)(E). They returned to open session at 8:35 a.m.

There being no other business to come before the Board, Chair Solarz adjourned the meeting at 8:35 a.m.

Approved: _____, 2020

By: _____
Chair Greg Solarz

ATTEST: _____