

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

Minutes
Regular Board Meeting

February 16, 2017
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: Melissa Cribbins, Dr. Charles Sharps, and Bob Dillard. Board members absent: None. Water Board staff present: Ivan D. Thomas, General Manager; Matt Whitty, Engineering Manager; Jerre Cover, Water Treatment Supervisor; Bill Hagan, Operations Manager; Jeff Howes, Finance Director; Bryan Tichota, Customer Relations Supervisor; and Karen Parker, Administrative Assistant. Board Legal Counsel Jim Coffey was present. Media present: None. Chair Solarz opened the meeting at 7:00 a.m.

Chair Solarz asked if there were any corrections or additions to the February 16, 2017, Regular Board meeting minutes. Mr. Dillard 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 Upper Pony Creek Dam Earthquake Induced Seismic Deformation Analysis Draft Report, Engineering Manager Matt Whitty stated the analysis conducted by AECOM resulted in significant estimated deformations to the embankment. Crest settlement is roughly estimated at 4 feet. The crest elevation of the dam is 117 feet, and the maximum pool elevation is 106 feet. With the reservoir at capacity the dam has 11 feet of freeboard; more than the estimated settlement. Earthquake deformations are not expected to result in overtopping of the dam, and would not result in uncontrolled release of the reservoir in this scenario.

AECOM offered information on the expected performance of outlet works and other facilities. Analysis of these facilities was not included in the scope of work, so AECOM had no identified budget for conducting a detailed analysis of the facilities. There is no indication in the draft report that these structures were analyzed for stability under earthquake forces and no indication that AECOM analyzed the resistance of these structures to forces generated by the earthquake. In the case of the concrete encased 10-inch diameter steel vent pipe for the 48-inch steel outlet pipe, the draft report states that because “about four feet of seismic deformation is expected in this portion of the embankment, this element will likely shear off where it ties into the outlet pipe encasement”. Without a complete analysis of this structure, including engineering calculation of the estimated forces versus the strength of the structure in question, this opinion has limited value.

Mr. Whitty stated the report does not address performance of the 48-inch outlet pipe and the valve house during an earthquake. The outlet works were installed in conformance to the original design, with the exception of the 10-inch diameter vent pipe which was modified by the contractor from a shallow bury design location to a deep bury as-built location.

The result of the analysis of the embankment is positive in that it is expected to survive a major earthquake. The analysis does not indicate a need for any mitigation of the original embankment structure.

Staff recommends AECOM clarify their statement concerning the vent pipe will likely fail resulting in possible dam failure by explaining what the assertion is based on and provide design analysis of the reinforced concrete encased 10-inch diameter welded steel vent pipe to determine whether it will actually fail during an earthquake, as well as clarification of the feasibility of the vent pipe including a general description of how to accomplish the work. After a brief discussion, Dr. Sharps moved to approve staff’s request to work with AECOM and obtain clarification as recommended. The motion was seconded by Mr. Solarz and passed unanimously.

Regarding the proposed 12-inch Main Relocation at Southwest Oregon Regional Airport, Engineering Manager Matt Whitty stated pre-construction excavation and grading for the new DHS building at the airport is generating a large quantity of excess material. Water Board staff

were informed that this material would be placed over an existing 12-inch diameter ductile iron water main. The fill would result in an unacceptable cover of 20 plus feet over the main.

Water Board field staff located a route for relocating the main and an estimate of costs was prepared in the amount of \$90,000 for the 460 foot long installation using a private engineer and contractor for the installation. This estimate was presented to the airport's Executive Director, Theresa Cook. The Director left a voicemail stating the cost was too high.

Staff prepared a detailed estimate using in-house design and crew for the installation. Staff contacted Airport Executive Director Theresa Cook via email advising her of the revised estimate in the amount of \$46,000 with an offer to cover half of Water Board in-house costs for the installation, leaving a total expense to the airport district of \$31,200. Staff was not notified and was unaware this item was placed on the agenda for the Airport's Board meeting and approved by the Airport Board of Commissioners.

Dr. Sharps inquired what funds would be used to pay for this project. Mr. Thomas advised the funds would come from capital reserves or Distribution operation.

Ms. Cribbins questioned if the current location is not in an easement. Mr. Thomas stated there is an easement but the language contained in the easement is not our standard language as far as stating who the responsible party is to pay for repair or relocation of water mains. The new easement would contain the standard protective language and the new location is unlikely to be disturbed by future activity.

After a brief discussion, Mr. Solarz moved to authorize the relocation of the 12-inch main as recommended by staff using approximately \$15,000 of in-house resources and \$31,200 contribution from Southwest Oregon Regional Airport. The motion was seconded by Mr. Dillard and passed with Dr. Sharps, Mr. Dillard and Mr. Solarz voting in favor and Ms. Cribbins voting against.

Mr. Whitty gave an update on Merritt Dam stating Cornforth Consultants would like to perform additional investigation, more drilling upstream to the face of the dam. Staff has asked them to provide a proposed scope and additional cost for this work and will bring this information back to the Board at a later date.

Mr. Thomas updated the Board regarding the Crown Castle site lease. Crown Castle has contacted staff asking to update infrastructure on their communication tower. Mr. Thomas gave them authorization to do so. Crown Castle also inquired if the Water Board would renew their site lease through 2062, give them more land space, and pay the Water Board 20% of any sublease in exchange for them to be able to proceed with any sublease without prior consent from the Water Board. The current lease requires the utility's prior consent for any sublease and infrastructure updates. Crown Castle's current site lease expires in 10 years.

Mr. Thomas updated the Board regarding payroll procedures stating the accounting department has made a transition from 24 pay periods to 26 pay periods (biweekly) and has successfully implemented direct deposit.

Mr. Thomas stated the Parking Lot Lighting project is included in the current fiscal year's budget in the amount of \$20,000 and staff plans to begin this project towards the end of the year. Mr. Thomas has contacted the Energy Trust of Oregon and received an application for possible additional funding for replacement lighting.

The Board's next regular meeting was set for Monday, March 6, 2017, at 7:00 a.m.

At 7:40 a.m. Chair Solarz directed they go into executive session for the purpose of discussing potential litigation pursuant to ORS 192.660(2)(h). They returned to open session at 8:22 a.m. There being no other business to come before the Board, Chair Solarz adjourned the meeting at 8:22 a.m.

Approved: _____, 2017

By: _____
Chair Greg Solarz

ATTEST: _____