



**PROJECTS & FACILITY OPERATIONS  
COMMITTEE MEETING MINUTES**

Water Resources Center  
500 Clearwater Lane, Watsonville, California 95076

**Wednesday January 30, 2019, 3:00 p.m.**

<b>Committee Members</b>	
<b>Present</b>	<b>Absent</b>
Sam Cooley, Vice Chair	Bob Culbertson, Director
Mary Bannister, Director	Tom Broz, Director
Rosemarie Imazio	
Warren Koenig	
Frank Capurro	
<b>Staff &amp; Other Attendees</b>	
Chuy Martinez, Water System Operations Supervisor (WSOS)	Casey Meusel, Associate Hydrologist (AH)
Brian Lockwood, General Manager (GM)	Shinehah Bigham, Water System Operator (WSO)
Teresa Delfino, Financial and Administrative Services Manager (FASM)	Amy Newell, Director
Aurelio Gonzalez, Council Member, City of Watsonville	Beau Kayser, City of Watsonville
John Ricker, County of Santa Cruz	

1. **Welcome and Introductions.** Vice Chair Cooley called the meeting to order at 3:03 p.m.
2. **Public and Member comments.** None.
3. **Consider Approval of prior Projects and Facility Operations Committee Meeting Minutes.** Mr. Koenig moved approval of the December 12, 2018 meeting minutes; Director Banister seconded. The Committee approved the minutes of the December 12, 2018 meeting.
4. **Receive Projects and Programs Update.**
  - a. **Proposed College Lake Integrated Resources Management Project.** GM Lockwood reported the Basin Management Plan (BMP) Implementation Team (staff and consultants) delivered a

comprehensive update to the Board of Directors on January 23 regarding the status of the proposed College Lake Integrated Resources Management Project as well as the proposed Slough Projects (Item 4b). GM Lockwood summarized the presentation for the Committee. Roundtable discussion ensued. The presentation is available on PV Water's website:

[https://www.pvwater.org/images/board-and-committees/board\\_of\\_directors\\_assets/2019\\_bod\\_agenda\\_packets/012319\\_BMP\\_Program Update\\_presented.pdf](https://www.pvwater.org/images/board-and-committees/board_of_directors_assets/2019_bod_agenda_packets/012319_BMP_Program_Update_presented.pdf)

- b. Proposed Slough Projects with Recharge Basins.** In addition to summarizing the presentation noted above in Item 4a, GM Lockwood reported on a week-long pilot test occurring at the Harkins Slough Facility using “fuzzy media filter” to assess the technology’s potential to reduce the turbidity of water diverted to the recharge basin. The Committee also discussed brackish backflow events affecting water quality in Watsonville and Harkins Sloughs, and a recent meeting with the U. S. Army Corps of Engineers, Santa Cruz County Flood Control, City of Watsonville, and Watsonville Wetlands Watch.
- c. Recycled Water Facility Improvements Project.** GM Lockwood reported that the Disk Filter Project bid opening occurred on January 23; Pacific Infrastructure Corp. submitted the lowest apparent bid. Following review of the bid to ensure it is responsive, staff will present the construction contract to the Board of Directors for consideration of approval on February 20. Staff will also ask the Board to consider agreements for construction management and environmental compliance services in support of the project, which is estimate to take one year to construct. GM Lockwood noted that staff are planning a celebration to mark 10-years of recycled water deliveries (2009 – 2019) as well as the groundbreaking for the Project.
- d. Potential Coast Distribution System Expansion.** GM Lockwood presented background information on basin conditions including groundwater elevations, seawater intrusion, the extent the Coastal Distribution System (CDS), and water demand. He shared the results of a geophysical survey of the Monterey Bay coastline completed by Meredith Goebel and Professor Rosemary Knight, Stanford University that identified lower salinity concentrations in the area around the Pajaro River where delivered water service began in 2002, and elevated salinity concentrations to the north and south. GM Lockwood shared model results completed for the BMP that indicate increased groundwater elevations resulting from facility operations, but also the occurrence of seawater intrusion in the northern and southernmost portions of PV Water’s boundary. GM Lockwood provided the staff recommendation of expanding the CDS to the north, the “F-Line,” as it would help to mitigate seawater intrusion identified by the Goebel study and modeled in simulations. Mr. Ricker of Santa Cruz County and Executive Committee member of the Santa Cruz Mid-County Groundwater Agency (MGA) concurred. Mr. Ricker spoke about a model run the MGA made that suggested even with cessation of all Santa Cruz Mid-County Basin groundwater pumping in the boundary area, seawater intrusion would still occur if groundwater production on the PV Water side continues in a similar fashion. Mr. Ricker conveyed the interest of the MGA to work cooperatively to address seawater intrusion occurring in the boundary area. GM Lockwood noted that the Sustainable Groundwater Management Act requires that groundwater sustainability agency actions cannot negatively impact the management actions of another. GM Lockwood presented the Committee with rough cost estimates of potential F-Line buildout scenarios and solicited direction from the Committee. Following roundtable discussion, Director Bannister motioned to recommend to the Board of Directors that staff look into the F-Line expansion in order to utilize \$3 million in grant funds; Ms. Imazio seconded. The Committee approved the motion.

- 5. Receive Facility Operations Report.** WSOS Martinez reported that in 2018 staff delivered 4,877 acre-feet of supplemental water of which recycled water accounted for 3,263 acre-feet or 67%. Both the volume of water delivered, and the recycled water contribution, were the greatest amounts since delivered water service commenced. WSOS Martinez also reported that the annual maintenance of the Recycled Water Facility is almost complete.
- 6. Receive Water Quality Quarterly Report.** AH Meusel presented the 2018 Q4 water quality results to the Committee; tables and graphs summarizing the results are included in the agenda packet. GM Lockwood suggested the Committee consider adding an objective for nitrate as nitrogen at the drinking water standard (10 ppm) to the water quality reports. After roundtable discussion, Vice Chair Cooley made a motion to add a nitrate as NO<sub>3</sub>-N water quality objective of 10 ppm; Mr. Capurro seconded. The Committee approved the motion.
- 7. Discuss Future Agenda Items.** GM Lockwood recommended a review of the Water Users Handbook.
- 8. Next Meeting:** Wednesday, February 27, 2019, at 3:00 p.m.
- 9. Meeting Adjourned at 4:14 p.m.**