

**Marin County Flood Control and Water Conservation District**

**DRAFT MINUTES OF THE  
FLOOD CONTROL ZONE 4 ADVISORY BOARD MEETING  
HELD THURSDAY JULY 13, 2017  
AT STRAWBERRY RECREATION DISTRICT, 3RD FLOOR MEETING ROOM  
TIBURON, CA 94920**

<b><u>Advisory Board (AB) Members Present</u></b>	<b><u>District Staff (Staff) Present</u></b>
Robert "Bob" Rogers (RR) - Chairperson	Tony Williams, Principal Civil Engineer (TW)
Kathryn Oliver (KO) – Vice Chairperson	Scott McMorrow, Assistant Engineer (SM)
John Leszczynski (JL)	
Dianne Newman (DN)	
	<b><u>Others</u></b>
<b><u>Advisory Board (AB) Members Absent</u></b>	Rich Souza, CSW-ST2
Timothy Barteau (TB)	Don Curry, CSW-ST2

Meeting came to order at 6:36 PM.

**Item 1. Approval of Meeting Minutes: March 9, 2017**

KO suggested the following amendment to Item 2 (Approval of Meeting Minutes: October 20, 2016): In the last sentence of the second-to-last paragraph of Item 2, delete the word *review* and replace it with *withdraw*.

**Action by Board:** Approve minutes as amended above.

**M/S:** JL/KO, **Ayes:** All, **Nay:** None, **Abstain:** None, **Absent:** None

**Item 2. Open Time for Items Not on the Agenda**

No members of the public accepted the invitation to address the Advisory Board (AB).

**Item 3. Update on East Creek Study**

Staff presented a written staff report to the AB. Please see the staff report for details. The AB asked when the sea-level-rise conditions modeling of East Creek will take place. Staff responded that the 100-year event and sea-level rise scenarios, with conceptual project alternatives, will likely be presented at an AB meeting this winter. TW updated the AB on the Regional Water Quality Control Board's (RWQCB) approval of the District's Stream Management Program (SMP). This approval allows the District to conduct vegetation removal in East Creek that was outlined in the staff report.

**Item 4. Update on Cove Pump Station Upgrade**

Staff introduced Rich Souza and Don Curry, both of CSW-ST2 (CSW). CSW has been hired to design the upgrade to Cove pump station (Project). Mr. Souza gave a presentation to the AB that outlined the work CSW has conducted to date on the Project, and he stated that the work to

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date was considered a 50% submittal, and that elements of the design may change as the design process moves forward. This presentation included:

- Information from the Project's geotechnical sub-consultant, Miller Pacific Engineering Group (MP). MP conducted a subsurface investigation and provided a report on their findings. This report concluded that liquefaction was not likely in the Project area.
- Information from the Project's concrete-testing sub-consultant, Voss Laboratories. Voss concluded that the existing conditions of the wet-well concrete was adequate.
- Recommendations for increasing pumping capacity from the existing 16,000 gallons per minute (gpm) to 21,100 gpm
- Recommendations for modifying the wet well to increase hydraulic efficiency
- Recommendations for making seismic upgrades to the existing wooden pump house structure
- Recommendations for increasing the surface area of the trash rack
- Recommendations for installing a back-up generator and automatic transfer switch
- Recommendations for re-aligning and increasing pipe size for the storm drain pipes that convey storm water to the wet well
- Recommendations for installing new controls and electronics
- Recommendations for installing a SCADA system

Mr. Souza also discussed the need for obtaining a temporary construction easement for the Project, and that this easement would be negotiated with the shopping center owner.

JL asked about sea level rise (SLR) considerations for the greater area outside of the Project limits. Mr. Souza stated that these considerations would likely be part of a larger project, and were not part of the Cove pump station upgrade project. RR asked what SLR considerations could be undertaken for this upgrade. Mr. Souza responded that CSW was working with design considerations that include: elevating the proposed electronics and controls inside the pump station to protect these devices against flooding, and ensuring the discharges for the new pumps could be configured with tide gates or other tide-control devices to prevent future predicted higher tides from entering the pumps. Also, Mr. Souza pointed out that the existing south facing stem wall of the pump station could be tied into a future flood wall if needed.

RR asked if a smaller, low-flow pump would also be installed as part of the Project. Mr. Souza responded that CSW and the District had been discussing this, and that a low-flow pump would be considered in the design of the upgrade.

### **Item 5. Schedule Next Meetings**

Staff recommended that the AB meet shortly after the next submittal from CSW, and that this AB meeting would likely be held toward the end of September 2017. The AB agreed to meet after the next submittal.

The meeting was adjourned at 7:57 PM.