

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

**FLOOD CONTROL ZONE 4 ADVISORY BOARD MEETING**  
**OCTOBER 25, 2022**

**STAFF REPORT**

**Item 1. Approval of Meeting Minutes: April 27, 2022**

Draft minutes can be found here:

<https://marinflooddistrict.org/meetings/zone-4-advisory-board-meeting-april-27-2022/#/tab-minutes>

**Recommended Action:** Approve minutes.

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

Comments will be heard for items not on the agenda (limited to three minutes per speaker).

*(While members of the public are welcome to address the Advisory Board, under the Brown Act Board members may not deliberate or take action on items not on the agenda, and generally may only listen.)*

**Item 3. Update on Zone 4 and 4A 2022 Maintenance**

a. Pump Stations

Preventive maintenance at all pump stations takes place every year and includes the inspection, testing, and as needed replacement of electrical and mechanical components. Additionally, individual pumps and motors are typically removed and serviced for *major* maintenance on a six-year interval at each of the Zone's three stations. The #1 pump at Pamela Ct Pump station was removed for service this summer and reinstalled the week of September 12<sup>th</sup>. This work was completed on schedule and budget.

b. Vegetation Maintenance

The East Creek access road was mowed in the spring. The week of September 19<sup>th</sup> the Conservation Corps North Bay trimmed cattails and removed low/downed branches in the channel at East Creek, and cleaned debris from West Creek and the Karen Way Trash Rack.

c. Sediment Removal

Sediment and cattail root removal was completed this fall in East Creek. Sediment was removed at 8 key locations along East Creek between the Karen Way outfall and approximately 100 feet downstream of the Cecilia Way crossing. Excavation extended approximately 2 feet deep to remove cattail root mass.

**Item 4. Evaluation of Channel Capacity Improvement Options at East and West Creek**

At the prior meeting the advisory board requested a presentation on the hydraulics and geomorphology of Zone 4 watersheds. Civil engineer and geomorphologist Matt Smeltzer reviewed existing work, conducted field geomorphic assessment, and updated hydraulic model simulations of the creek. He will present his findings to the advisory board at this meeting. The summary, presentation, and additional reference materials can be found here:

<https://marinflooddistrict.org/zone-4-reports-and-documents/>

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**Recommended Action:** *Recommend preparing a Request for Proposals for design and environmental review of a project at East Creek that includes top of bank barriers and feasible removal of obstructions, as well as feasible removal of obstructions in West Creek.*

### **Item 5. Continue Advisory Board Discussion of Potential Zone 4A Boundary Amendment**

At April meeting advisory board began discussing potential to include properties on the west side of East Strawberry Drive in Flood Zone 4A. The board will have the opportunity to continue that discussion.

### **Item 6. Zone Outreach/Social Media**

The District launched a new website [marinflooddistrict.org](http://marinflooddistrict.org) to help Flood Zone residents stay up to speed on zone activities. This maintenance update was posted to the webpage, on NextDoor, and delivered via GovDelivery to subscribers: <https://marinflooddistrict.org/flood-zone-4-maintenance-update-summer-2022/>. Another update is planned for later this fall as we approach the king tide and storm season.

### **Item 7. Schedule Next Meeting**

The AB may consider setting the next meeting date.