

Marin County Flood Control and Water Conservation District

FLOOD CONTROL ZONE 7 ADVISORY BOARD
OCTOBER 13, 2022

STAFF REPORT

Item 1. Approval of Meeting Minutes: June 21, 2022

June 21 Draft Minutes:

<https://marin-watershed-program-ca.proudcity.com/meetings/zone-7-jdvisory-board-meeting-june-21-2022/#/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).

Item 3. Levee Upgrade Project Update

Consultant will present the Basis of Design for the project which will be posted at <https://marin-watershed-program-ca.proudcity.com/zone-7-documents/>. For additional background information see Item 4 of the staff report from 6/21/22: <https://marin-watershed-program-ca.proudcity.com/meetings/zone-7-jdvisory-board-meeting-june-21-2022/#/tab-agenda-packet>.

Design was partly funded through a FEMA Hazard Mitigation Grant Program (HMGP) grant. District staff are working with Cal OES to apply for additional FEMA grant funds.

Potential Grant Programs	Status	Required Local Match
Building Resilient Infrastructure and Communities	Pre-application approved, full application due December	30% to be competitive nationally (~\$5M)
Flood Mitigation Assistance	Pre-application approved, full application due December	30% to be competitive nationally (~\$5M)
Hazard Mitigation Grant Program	Program available following CA disaster declarations	25% minimum

A summary of Zone 7's available revenue sources is included below along with a proposed loan amount of \$3,500,000. The loan would be offered through the County of Marin Treasury and is the maximum the Zone could pay back with expected revenue and baseline maintenance expenses for pump stations and drainages. District staff would return to your Board at a future date to review loan details if notified of a potential grant award from FEMA. FEMA states that notification is expected in 2023.

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Zone 7 Fund Balance as of October 2022	\$1.54M
Expected Annual Revenue (<i>without grants</i>)	\$575k
Expected County Contribution to Construction	\$840k
Future 10-year loan amount based on expected annual revenue	\$3.5M

Recommended Action: *Recommend the District Board authorize the submittal of a grant application to FEMA with a local match that does not exceed \$5M that is potentially available.*

Item 4. Annual and Preventive Maintenance Program Update

In addition to these pre-winter activities, District maintenance crews check the trash racks and pump stations before, during, and after storms. Flood District staff will post maintenance updates to the Santa Venetia Neighborhood via Next Door this fall. For questions, email floodinquiry@marincounty.org.

- 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 preventive maintenance on a six-year interval at each of the Zone’s five stations. The back-up pump at Pump Station No. 3 was removed for service, repair, and refurbishment in June. It was reinstalled on September 12th. Additionally, all five pump stations will have a new alert system installed for this winter season, allowing maintenance staff to monitor them remotely.

- b. Vegetation Maintenance** – vegetation in the ditch between Birch and Mabry will be trimmed in early fall to increase flow capacity. The ditch’s banks were mowed in the spring for fire fuel reduction. A section of Castro Ditch will be cleared of debris and low or downed branches will be trimmed or removed. In the beginning of October, aquatic vegetation in Estancia Ditch will be removed to improve flow to Pump Station #5.

- c. Levee Maintenance** – the inner levee at the Open Space preserve was mowed in the spring. Rodent control and filling of burrows was complete in the summer and a second phase will be completed in September as well as filling some of the dips along the top of the levee. Conditions of the inner levee are continually inspected throughout the winter during storms and/or high tides, when seepage is most evident. The District is also working with some property owners along Vendola Drive to make repairs and/or monitor at select parcels where the wall materials are deteriorating, and/or significant tidal seepage is occurring.

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Item 5. Schedule Next Meeting

Staff will contact the advisory board to schedule meetings when design is final and budget adjustments are needed.