

**MINUTES OF THE
FLOOD CONTROL ZONE 9 ADVISORY BOARD MEETING
HELD MONDAY 6:30 PM, MAY 23, 2019
CITY HALL
400 MAGNOLIA AVE, LARKSPUR CA 94939**

<u>Advisory Board (AB) Members Present</u>	<u>District Staff (Staff) Present</u>
Bruce Ackerman (BA)	Jenna Brady, County Council (Agenda Item 1 Only)
Richard Gumbiner (RG)	Hugh Davis, Associate Civil Engineer
Sandra Guldman (SG)	Joanna Dixon, Associate Civil Engineer
Richard Gumbiner (RG)	Roger Leventhal, Senior Civil Engineer
Dan Hillmer (DH)	Liz Lewis, Water Resources Manager
Peter Hogg (PH)	Felix Meneau, Zone Engineer
Chris Martin (CM), Chairperson	Tonya Redfield, Ross Valley Program Manager
John Wright (JW)	
	<u>Others Present</u>
	James Reilly – Stetson Engineers (District Consultant)
	Julian Skinner – City of Larkspur Public Works Director
	Raymond Wong – GHD (District Consultant)

Item 1. Closed Session

Closed session started at 6:30 PM.

Open session started at 6:51 PM.

Item 2. Approval of Meeting Minutes

Action by Board: approve meeting minutes from the January 15, 2019 meeting:

M/S: SG/RG Ayes: All, Nay: None, Absent: None, Abstain: None

Action by Board: approve special meeting minutes from the March 19, 2019 meeting:

M/S: RG/BA Ayes: All, Nay: None, Absent: None, Abstain: None

Item 3. Open Time For Items Not On The Agenda

There were no public comments on items not on the Agenda.

Item 4. Ross Valley Flood Protection & Watershed Program Update

District Staff and District Staff Consultant James Reilly with Stetson Engineers provided presentation on the Work Plan Update and the Lower Corte Madera Creek Program Activities, please see [Staff Report dated May 23, 2019](#) and [slides from the May 23, 2019 Meeting Presentation](#).

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SG provided the following questions and comments:

- If removing the section of concrete channel at the downstream limits would reduce sedimentation within the creek downstream.
- Will future Seal Level Rise impact future tidal prism enlargement projects subject to current constraints on marsh habitat preservation specific to marsh elevation habitat-type?
- There has been observations following removal of Cordgrass since 2005 in Lower Corte Madera Creek that new sediment deposition fills the void left by the grass removal.

PH asked if a Geomorphic Dredge will increase the discharge capacity of the creek during a riverine flood event, District staff responded it will have some beneficial impact to creek capacity due to the removal of sediment from the creek still required for a Geomorphic Dredge project.

RG asked if there would be possible 100-year flood benefits from a full dredge, no dredge, and a geomorphic dredge. James Reilly responded this could be analyzed but that little change in water surface elevation is expected between the no dredge and the geomorphic dredge. District staff responded there is potential to connect tidal drainage to the new geomorphic low-flow channel with possibility to improve local drainage from tributary drainageways and outfalls.

DH asked if the geomorphic dredge would provide a dredged connection to existing docks within Lower Corte Madera Creek, and District Staff responded that connection to docks especially those residing on the inside bends prone to sedimentation would need to be add-on projects.

Public comment was provided on the following presentation topics covered during the presentations:

- dredging should be part of the program,
- importance to prioritize flood risk reduction projects,
- suggestion to add emergency power and a redundancy component to the Hillview Pump Station and Stormdrainage Project currently underway through the Bon Air Road Bridge Replacement
- sedimentation should be addressed downstream of the concrete channel within the stilling basin,
- vital to keep Bon Air Road access open during flood events,
- need for a future workshop event to go into more details on the concepts of: equilibrium channel dimensions, potential levee raising, new flood walls, and tide gates discussed as part of the Lower Corte Madera Creek Improvement Study and Geomorphic Dredge Study currently underway,
- inquired about the purpose of a future Geomorphic Dredge project if the creek will naturally become geomorphic over time, and does salinity impact sedimentation rates.

District staff responded that the geomorphic dredge concept is not insignificant in the creek sediment identified for removal of between approximately 60,000 to 90,000 cubic yards. Future tide gate locations are being considered as part of the Lower Corte Madera Creek Improvement Study.

Item 5. Other Project Updates

See [Staff Report dated May 23, 2019](#) for project updates including: San Anselmo Flood Risk Reduction Project, San Anselmo Bridge Replacement Projects, and Ross and Fairfax Bridge Replacement Projects, and Town, and District Creek Conveyance and Habitat Maintenance.

SG brought up that Caltrans has determined the Saunders Avenue Bridge in San Anselmo is eligible to

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apply for funding for replacement and that Friends of Corte Madera Creek is considering assisting with the project since this location is currently a fish passage barrier.

Action by Board: Recommend that the Board of Supervisors approve an amendment to extend the existing Memorandum of Agreement between the Town of San Anselmo and the Flood Control District (for the Center Blvd/Sycamore Ave Bridge, Madrone Ave Bridge and Nokomis Ave Bridge Replacement Projects) by extending the termination date to December 31, 2024.

M/S: PH/SG Ayes: All, Nay: None, Absent: None, Abstain: None

Action by Board: Recommend that the Board of Supervisors approve an amendment to extend the existing Memorandum of Agreement between the Town of Ross and the Flood Control District (for the Winship Avenue Bridge Project) by extending the termination date to December 31, 2024.

M/S: RG/PH Ayes: All, Nay: None, Absent: None, Abstain: None

Item 6. Recently Held and Upcoming Meetings and Events

District staff described any upcoming meeting and workshop events will be posted to the RossValleyWatershed.org website.

Item 7. Schedule Next Meeting and Adjourn

Staff will coordinate with AB members for the next AB meeting, potentially to be held on Thursday August 29th, with suggested possible future workshop venues at the Central Marin Police Authority (Larkspur Station) and Redwood High School.

Adjourn Meeting:

M/S: BA/RG Ayes: All, Nay: None, Absent: None, Abstain: None