

Marin County Flood Control and Water Conservation District

**FINAL MINUTES OF THE
FLOOD CONTROL ZONE NO. 7 ADVISORY BOARD MEETING
HELD WEDNESDAY, SEPTEMBER 3, 2014
IN MEETING HALL AT THE JEWISH COMMUNITY CENTER
200 N SAN PEDRO RD., SAN RAFAEL**

Board Members Present

Timothy Ribble (TR), Vice-Chair
Jeffrey Krupnick (JK)
Evan Marks (EM)

District Staff (Staff) Present

Tracy J. Clay, Principal Engineer
Liz Lewis, Principal Planner
Hannah Lee, Associate Engineer
Laurie Williams, Senior Planner
Dave Nicholson, Zone Engineer

Board Members Absent

Michael Perani (MP), Chairperson
Jacqueline Garcia (JG)

Others

Kiki La Porta, Aide to Supervisor Susan Adams
Patrick Sullivan, GHD Consultants
Rick Jorgensen, GHD Consultants

Item 1. Approval of Meeting Minutes: February 26, 2014

Action by Board: Approve minutes as written with no amendments.

M/S: TR/JK, **Ayes:** Three, **Nay:** None, **Abstain:** Two absent

Item 2. Open Time for Items Not on the Agenda

1. A member of the public expressed interest in continuing to explore options for improving the existing levee, particularly looking into building out on the creek-side. Staff agreed that this alternative could be evaluated if funding becomes available.
2. A member of the public inquired as to whom and how studies are determined to be complete. Staff indicated that studies are deemed complete as per the agreed-upon scope of work.
3. A member of the public asked if presentations intended for proposed AB meetings could be posted online before the meeting for public review. Staff said they make an effort to do so.
4. Some members of the public indicated that they did not get notification of the AB meeting. Staff instructed the members to provide their contact information and they will be placed on the notification list.
5. A member of the public indicated that the Sunny Oaks Interceptor Drain is seeping through the manhole rim at very high tides. Staff responded that they had also noted salt crystals at the drain's manhole on Vendola Drive, and believe it is associated with a malfunctioning tide gate at the drain outfall. Staff indicated that servicing of the tidegate is planned this fall.

Item 3. Watershed Program Update

Staff reported on the status of the Watershed Program and provided an overview of the timeline and deliverables.

Staff provided an overview of the hydraulic model completed by GHD Consultants for the Santa Venetia Hydraulic Study. GHD presented the hydraulic model findings with respect to stormdrain system condition, stormwater flows, pump conditions and predicted 10-year and

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100-year flooding conditions. Additionally, GHD provided some potential improvements for the stormwater systems. The scope, findings and proposed improvements can be viewed at the Watershed Program website: <http://www.marinwatersheds.org/>.

TR inquired about the maximum expected water depth for the 100-year storm and if there was an evaluation on conduit condition. GHD responded saying that the maximum depth of water is predicted to be approximately 3-ft above the surface grade of yards and that evaluation of the condition of the conduits was not part of their scope of work. Any inoperable/clogged conduits identified during the survey of storm drain system junctions and inlets were not included in the hydraulic study.

TR inquired about the process of getting the proposed projects implemented. Staff informed TR that most of the facilities are managed by the County Roads Division and that project implementation by the County will be based on available funding. Many of the improvements within Zone-7 purview are included in the 5-year maintenance needs evaluation and would be implemented by the District based on available funding as well.

TR inquired if any portion of the study included a levee inspection and that inspections of the redwood boxes have a high priority. GHD indicated that no part of the levee system was included in the stormwater hydrology/hydraulics study. District staff agreed that the condition of the redwood boxes need to be maintained in good order and that to inspect many of them, Staff needs to get access permission from property owners.

A member of the public questioned if the Estancia Ditch improvements alternative would be acceptable to environmental permitting agencies. GHD indicated that the proposed design is not pour-in-place concrete, but rather a concrete block that allowed inter-planting of low lying perennial grasses. Permitting agencies respond positively to these kinds of low-impact development technologies.

A member of the public inquired about how sediment accumulation within the interceptor drains is addressed in the model. GHD responded that most of the systems were modeled as clean except those with tidal influence at the outfalls.

Staff indicated that the take-away from the hydraulic study was that with the exception of some stormdrain system improvements, the priority for flood prevention is with levee system improvements.

Item 4. Zone-7 Five-Year Maintenance Plan

Staff discussed the anticipated maintenance costs for the Zone-7 flood control systems over the next five-years and reported that there is an anticipated funding shortfall of about \$500,000. Staff emphasized that Pump Station No. 2 needs the most immediate maintenance and recommended the replacement of the mid-sized pump (#2) instead of extensive repairs.

Staff indicated that the totals of the five-year maintenance only includes construction costs and does not include environmental or permitting costs.

Staff indicated that the FEMA CRS program is being implemented and may result in a 5% to 10% reduction in flood insurance costs to the Santa Venetia residents by the end of 2015. It was further noted that costs of conducting the CRS program are not being drawn from FCZ7 funds.

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Item 5. Proposed Revision of Zone By-Laws

District staff presented the proposed By-Law changes that are intended to reduce administrative costs to the Zone.

Action by Board: Recommend to the Board of Supervisors to approve the recommended changes to the Zone-7 By-Laws.

M/S: TR/JK, Ayes: Three, Nay: None, Abstain: Two not present

Item 6. Next Meeting

Staff suggested that the next meeting be scheduled for February 2015. District staff proposed that in order to save costs to Zone-7, rather than holding a meeting in November 2014 (per current By-Laws), an updated staff report could be published to provide current Zone-7 status and events.

Meeting Adjourned at 8:31 PM.