

**MINUTES OF THE
FLOOD CONTROL ZONE NO. SEVEN ADVISORY BOARD MEETING
HELD TUESDAY, AUGUST 4TH, 2009
AT THE SANTA VENETIA KOREAN PRESBYTERIAN CHURCH
635 ADRIAN WAY, SAN RAFAEL**

Board Members Present

Denise Blades
Jeffrey D. Krupnick, chairperson
Evan Marks
Timothy Ribble, vice chairperson

District Staff Present

Tracy J. Clay, principal engineer
Neal Conatser, assistant engineer

Board Members Absent

Michael Perani

Others

The following are the minutes, created by Marin County Flood Control and Water Conservation District staff, of the meeting of the Flood Control Zone No. 7 Advisory Board (AB):

Item 1. Approval of Meeting Minutes: June 17, 2008, May 5, 2009, and June 24, 2009

Action by Board: Reviewed meeting minutes from the June 17, 2008 meeting and approved minutes as written.

M/S: EM/TR, Ayes: All, Nay: None, Abstain: None

Action by Board: Reviewed meeting minutes from the May 5, 2009 meeting and approved minutes with the following amendment to *Item 6 Operations & Maintenance Update*: added discussion of levee seepage at residence on Estancia Way.

M/S: JK/TR, Ayes: All, Nay: None, Abstain: None

Action by Board: Reviewed meeting minutes from the June 24, 2009 meeting and approved minutes as written.

M/S: EM/TR, Ayes: All, Nay: None, Abstain: None

Item 2. Open Time for Items Not on the Agenda

- A member of the attending public requested that staff provide informational materials to residents along the levee discussing general information and maintenance. Staff responded that informational materials would be provided to residents this fall when staff requested right-to-enter to inspect levees.
- A member of the attending public asked staff to report the number of returned surveys from the levee evaluation survey sent to residents in fall 2008 and to inform them on how the information was used. Staff reported that the information was used for the purpose of informing the geotechnical study currently underway.
- Staff provided an update on the boils at Estancia Ditch at the ends of Descanso Way and Estancia Way.
- Advisory board requested a staff recommendation for projects described in the sea-level rise report prepared by Warren Uhte. Staff reported that they did not plan on

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commenting formally on the report and that, although graphics included in the report had been significantly improved, the concept proposed was the same as the project presented by Mr. Uhte at a prior advisory board meeting. Staff continues to believe that, due to the current environmental regulatory environment, the project is infeasible and will not be pursued.

- A member of the attending public asked that staff investigate the presence of a stream of water inflowing into Pump Station No. 5 [*Discussed during Item 4*].

Item 3. Special Tax

Staff outlined the steps required to prepare for a special tax election and proposed a schedule of meetings which aim to provide the information necessary to prepare for an election. Staff agreed to provide relevant information as far in advance of upcoming meetings as possible in order to better facilitate the advisory board's review of material. Staff also agreed to reschedule the proposed Tuesday, November 3 meeting date in order to benefit from feedback from other measures presented to voters on the November 3 election day.

Advisory board discussed actions taken in preparation of the previous election held in 2003 including:

- Letter sent to residents from the advisory board in support of the tax measure
- Informational materials provided to the Santa Venetia Neighborhood Association
- Door-to-door outreach for the tax measure

Item 4. Project Status Update

Staff reported on the status of the following projects:

- a) Pump Station No. 2 Rehabilitation (separate handout provided) - 50% design is now complete. During pump selection and hydraulic evaluation of the structure staff learned that, while sufficiently large, the existing wet well may be hydraulically unacceptable for the pumps (i.e., pumps could take in air which could lead to damage and a reduction in capacity). Staff is now pursuing design alternatives, but if no other option is feasible other than to construct a new wet well, construction costs could double. Details and revised cost estimates will be discussed at November meeting. Environmental and real estate are moving forward. PS&E will be ready for construction in 2010; however; the timing of the tax would not leave enough time for construction next summer. Therefore, construction would be deferred until 2011.
- b) Estancia Ditch Drainage Improvements (separate handout provided) – Project study report has been reviewed by staff. Additional alternatives need to be considered before arriving at a preferred design alternative. These include an alternate pump station location, ditch grading, and surface relining possibilities. Design alternatives and their associated costs will be discussed at November meeting.
- c) Las Gallinas Creek Levee Evaluation (separate handout provided) – Staff have reviewed condition survey and preliminary alternatives assessment. Failure analysis is now being performed testing a variety of design concepts against a set of water heights. From this we will arrive at a list of possible alternatives. A discussion of these alternatives will take place at October meeting. Corps hydraulic modeling (to determine water surface) is in progress.

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- d) Pump Station No. 5 Outfall Rehabilitation – Department of Public Works will commence with construction in September 2009.

Item 5. Future Projects for Consideration

At its June 24, 2009 meeting, staff was asked to provide more information on the FEMA Community Rating System (CRS) and levee accreditation programs and stormwater master planning for the zone. Staff reported on these items noting that:

- The CRS program would be investigated by staff under the ongoing watershed program and that, if implemented, the program would be applied to all unincorporated areas of the county.
- Levee accreditation is the only way to remove parcels in Santa Venetia from the Special Flood Hazard Area and eliminates the requirement for flood insurance in most cases. Accreditation requires the construction of a levee that provides protection against the base (i.e., 1 in 100 year) flood and the review of this levee against FEMA criteria. The ongoing Las Gallinas Creek Levee Evaluation Section 205 Feasibility Study represents the first step required before pursuing a levee accreditation effort.
- Once complete with current priorities, staff will consider updating the existing flood control master plan, which will provide recommendations for additional improvements to interior drainage (e.g., upsizing pump stations, culverts, and drainage inlets).

Item 6. Schedule Next Meeting

The next meeting of the Zone 7 No. 7 Advisory Board was announced as specified in the bylaws (i.e., November 3, 2009).