

Marin County Flood Control and Water Conservation District

FLOOD ZONE 3 ADVISORY BOARD MEETING
MAY 28, 2009

STAFF REPORT

The following is a staff report for the items listed on the Agenda for Flood Zone 3 Advisory Board (AB) meeting on May 28, 2009:

Item 1. Introduction of New Board Members Elise Holland and Linda Rames

The **Board of Supervisors** appointed Elise Holland and Linda Rames to the advisory board at its September 16, 2008 and March 17, 2009 meetings, respectively.

Item 2. Approval of Meeting Minutes for February 11, 2009

Recommended Action: approve minutes.

Item 3. Open Time for Items Not on the Agenda

Comments will be heard for items not on the agenda.

Item 4. Zone 3 Budget FY 09-10

Staff will review present the proposed Zone 3 budget for FY 2009-2010.

Recommended Action: Recommend BOS approve budget.

Item 5. Annual and Preventative Maintenance Work Program

Staff will provide an overview of the Annual and Preventative Maintenance Work Program scheduled for this summer. Major program elements include:

- a) Creek cleaning (including vegetation maintenance and sediment removal)
- b) Fire suppression mowing
- c) Pump station electrical equipment
- d) Pump station emergency generators
- e) Summer monthly maintenance for pump stations including exercising pumps, checking lubricants, and performing a visual inspection
- f) Pump station wet well vactoring & load testing
- g) Spot levee repairs
- h) Other

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Item 6. Watershed Stewardship Program Update

At the February 11, 2009 Zone 3 Advisory Board Meeting, the Advisory Board recommended Zone 3 provide \$240,000 in funding to support the county's Watershed Stewardship Program. This summer District staff will be working with the City of Mill Valley staff to finalize the existing conditions report and the Arroyo Corte Madera del Presidio Flood Study. In addition, the Policy Advisory Committee will meet in June and the Technical Workgroup will meet in September. The Advisory Board needs to confirm Zone 3 AB appointments for these 2 groups.

Item 7. Project Status Update

Staff will report on ongoing major projects, including:

a) **Bothin Marsh – Coyote Creek Restoration and Flood Control Project**

Description: Consists of the reconnection/reconfiguration of the channel and tidal marsh to increase flow velocities and natural channel scouring to minimize dredging and enhance habitat.

Status: Consultant Phillip Williams & Associates (PWA) has developed a preferred conceptual alternative and is nearing completion of the accompanying project study report. Staff will review the draft report and a final report will be available this summer.

Schedule: Construction not scheduled. Future implementation is dependant on prioritization against other projects in the zone and securing funding.

b) **Seminary Drive Pump Station**

Description: Install a stormwater pump station at the northbound Highway 101 – Seminary Drive interchange to eliminate tidal and tidal exacerbated flooding from the highly utilized intersection.

Status: Consultant Winzler and Kelly (W&K) is finalizing construction documents (plans & spec's) and CEQA and permitting documents. Staff is working with the homeowner's association to secure easements required for the project.

Schedule: Construction is anticipated in 2010. Stimulus funding is being sought.

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c) SCADA System

Description: Install a Supervisory Control and Data Acquisition (SCADA) system to assist in the diagnostic evaluation and remote operation of each of the four Zone 3 pump stations.

Status: A pilot testing program at Strawberry Pump Station in Zone 4 in Winter 2008-2009 was limited due to light rains. Additional testing is still needed before implementation can begin in Zone 3.

Schedule: Pending successful operation of Zone 4 SCADA this winter, Zone 3 implementation is scheduled for summer 2010.

d) Arroyo Corte Madera del Presidio Flood Study

Description: Following the floods of December 2005, the District and the City of Mill Valley partnered on a comprehensive study to develop conceptual improvement alternatives for the Arroyo Corte Madera del Presidio watershed. The first phase of the study included the creation of the hydrologic and hydraulic model and outlined a potential set of project alternatives, including a stormwater bypass, detention basin, and infrastructure improvements. The second phase of the study began in fall 2007 and, when complete, will provide an evaluation of the cost and benefits of each alternative developed in phase I.

Status: Stetson Engineers has provided professional engineering services for both phases of the project study and is now working on the cost benefit analysis and further developing and evaluating alternatives defined in phase I.

Schedule: A final project study report will be ready in early fall of 2009.

Item 8. Election of Chair and Vice-Chair

Per the Zone 3 By-laws, advisory board members must vote to elect current members to fill the positions of chairperson and vice-chairperson. Appointments for the one-year terms are confirmed by a majority vote of the advisory board.

Recommended Action: elect chairperson and vice-chairperson

Item 9. Schedule Next Meeting

The next meeting of the Zone 3 Advisory Board, as specified in the bylaws, is August 12, 2009.