

**MINUTES OF THE  
FLOOD CONTROL ZONE 9 ADVISORY BOARD MEETING  
HELD TUESDAY 7:00 PM, MAY 16, 2017  
AT ROSS SCHOOL LIBRARY  
9 LAGUNITAS ROAD, ROSS CA**

<b>Advisory Board (AB) Members Present</b>	<b>District Staff (Staff) Present</b>
Peter Hogg (PH)	Russ Eberwein, Senior Engineer (RE)
Sandra Guldman (SG)	Hugh Davis, Associate Engineer (HD)
Dan Hillmer (DH)	Liz Lewis, Planning Manager (LL)
Chris Martin (CM)	Felix Meneau, Zone Engineer (FM)
Tom McInerney (TM), Chairperson	Tonya Redfield, Ross Valley Program Manager (TR)
David Weinsoff (DW)	Tony Williams, Principal Civil Engineer (TW)
<b>Advisory Board (AB) Members Absent</b>	
Richard Gumbiner	

**Item 1. Approval of Meeting Minutes for March 21, 2017**

**Action by Board:** approve meeting minutes from the March 21, 2017 meeting:

**M/S:** DW/SG **Ayes:** All, **Nay:** None, **Absent:** RG, **Abstain:** PH (Absent at Meeting)

**Item 2. Open Time For Items Not On The Agenda**

Public comment was provided by Ross Asselstine of San Anselmo and Garrill Page of Fairfax that the hydraulic and hydrologic model is incorrect and regarding suggestion to improve and provide opportunities for public review of the updated hydraulic and hydrologic model used by the program. Advisory Board requested staff respond, and District staff said a technical memorandum has been posted online titled 'Hydrologic Design Basis for the Ross Valley Capital Improvement Plan Study' providing information about the original model used by the program and that District staff would post any additional responses online or will discuss at the next Advisory Board meeting.

Public comment was provided by Arlene Fox of Larkspur who stated that information regarding the Hillview Drainage Improvement project had not been referenced in a recent City of Larkspur public meeting.

Public comment was provided by Noah Berry of Ross asking when the hydrologic modeling data will be available online, and District staff responded this item will be discussed later during the meeting as part of the Unit 2, 3, and 4 project.

## ***Marin County Flood Control and Water Conservation District***

### **Item 3. Staff Updates**

District staff TR presented and obtained initial input from the Advisory Board on the draft project milestone timeline (see slide 2 from the [meeting presentation](#)), project updates, program meetings and outreach, and programs/activities.

DH requested staff provide written update for the next meeting regarding results of the 2-dimensional modeling and if model showed any impacts to Lower Corte Madera Creek.

PH asked for clarification on timeline for FEMA review of the original 89 Hazard Mitigation Grant Program structure raising applications submitted June of 2016, and District responded it would take 18 months for FEMA to complete the environmental review.

Public comment was provided by Charlie Goodman of Ross:

- asking when the berm details alternative along Sylvan Lane will be available to the public
- how will the program avoid impacting properties downstream when making modifications to the drainage upstream
- suggesting the program continue promoting home raising as a solution to address flooding such as through future grant opportunities

District staff responded that the Unit 4 alternatives including consideration of any potential berm along Sylvan Lane will be further developed following completion of the updated 2-Dimensional Hydraulic model expected in July, and that the Program Principles include to 'Do No Harm' when proceeding with the program goals.

Public comment was provided by Noah Berry of Ross inquiring what was the maximum flow used in the hydraulic model and if both 1982 and December 31, 2005 flood flows were modeled. District staff responded that both the 1982 and the December 31, 2005 New Year's Eve flood were run in the model.

Public comment was provided by Garrill Page suggesting the name of the firm/consultant be used when describing who is doing the modeling activities for the District and inquiring when the updated model will be available for review by the public. The District responded the model will be available following peer review of the model expected by end of July.

Public comment was provided by Pamela Grant of Kentfield regarding observations from the last winter season along and around Kent Avenue and if this area is being evaluated as part of the updated model. Pamela Grant also expressed reservations for the process of the Hazard Mitigation Grant Program Structure Elevation Program applications from June 2016. District staff responded that Stetson Engineers is including area in and around Kent Avenue in the updated model.

Public comment was provided by Arlene Fox of Larkspur that sediment was observed in a culvert near Woodland Apartments and that she is interested to review any changes in water surface elevation in the Lower Corte Madera Creek resulting from the proposed improvements upstream.

Public comment was provided by John Reed of Fairfax inquiring if Merwin Avenue bridge should be replaced and made a priority as part of the program.

## ***Marin County Flood Control and Water Conservation District***

### **Item 4. Department of Water Resources IRWM Prop 1E Grant Project (Phoenix Lake IRWM Retrofit Project) - Presentation**

District staff RE presented regarding the Department of Water Resources IRWM Prop 1E Grant Project (Phoenix Lake IRWM Retrofit Project), [see Staff Report date May 16, 2017](#) and [presentation on Phoenix Lake IRWM Project Update](#).

DW asked about flood benefit of original Phoenix Lake IRWM scope compared to alternatives being evaluated, District staff answered to retain the existing grant funding would require alternatives achieving comparable flood benefits to the original Phoenix Lake IRWM scope.

SG described that College of Marin Board of Directors today approved pursuing the first of potentially three phases of the Corte Madera Creek Restoration Project with potential flood benefits identified following initial modeling completed by Matt Smeltzer for Friends of Corte Madera Creek. The first phase of the project would lay back existing right-bank wall looking downstream of the Corte Madera Creek concrete channel from the Corte Madera Creek stilling basin to Stadium Way pedestrian bridge. Phase two would continue to lay back the existing right-bank wall from Stadium Way pedestrian bridge to the College Avenue vehicular bridge. Lastly, Phase three would continue to lay back the right-bank wall from College Avenue bridge to the upstream end of College of Marin campus.

SG suggested including unfunded components of the Corte Madera Creek Restoration Project as an alternative to the Phoenix Lake IRWM Prop 1E grant scope, which would include increasing capacity at the College Avenue vehicular bridge.

TM asked how the initial alternatives to the Phoenix Lake IRWM Prop 1E grant described in the presentation were developed with the updated hydraulic model only expected to be completed by July 2017. District staff responded that the initial array of alternatives discussed were initial concepts recommended by District staff and are anticipated to show favorable results once updated hydraulic model is available.

PH asked if alternatives A and B which include slow drawdown of the lake will be adequate in preventing the lake from filling up prior to the end of the winter season and if MMWD was on board with the slow drawdown alternative. MMWD staff Carl Gowan responded that MMWD was optimistic in completing an agreement with District regarding a slow drawdown component.

Public comment was provided by Charles Goodman of Ross requesting clarification on the upcoming meetings allowing opportunities for Town of Ross and public input of the alternatives and that would allow incorporating this input into a Department of Water Resources (DWR) grant agreement amendment prior to the current grant agreement expiration date of September 1, 2017.

District staff responded that a presentation will be made on June 8, 2017 to the Ross Town Council, then a public workshop followed by an Advisory Board meeting, and lastly DWR will review the proposed alternatives suggested by the District with community input. District staff stated any adverse hydraulic impacts would be identified as part of the project California Environmental Quality Act process.

Public comment was provided by Noah Berry of Ross if alternatives identified include drawing down existing Phoenix Lake in the fall and /or improved pumping of lake water from the lake. District staff responded yes that these components were part of alternatives A and B.

## ***Marin County Flood Control and Water Conservation District***

TM along with public comment provided by Dennis Norton of San Anselmo inquired if the number of benefitting property owners can be evaluated and shown for each alternative, and District staff answered yes this would be shown.

Public comment was provided by Garrill Page regarding the flow used in the fact sheet for the Corte Madera Creek Restoration Project should be 3,600 cubic feet per second, and if any sediment levels and overall maintenance would be impacted by the project. SG responded there would be limited to no expected dredging required following construction of the project involving removing the top and bottom portions of the bed of the concrete channel.

Public comment was provided by Kathy Schaefer expressing concern for the viability of amending the DWR grant agreement by the September 1, 2017 deadline while incorporating adequate public input opportunities. District staff responded that public engagement will continue for each phase of the project and will include presentations made to Town and City Councils and other stakeholder groups.

Public comment was provided by Michael Van Meter of Fairfax asking where the upstream detention alternative was located, and District staff responded this was not yet known.

*Recommended action did not take place due to time constraints at the meeting venue.*

### **Item 5. Fiscal Year 2017/18 Annual Budget and Work Plan - Presentation:**

See [Staff Report date May 16, 2017](#) for proposed Fiscal Year 2017/18 budget and work plan.

*Recommended action was deferred until the next Advisory Board meeting do to time constraints at the current meeting venue.*

### **Item 6. Confirm Next Meeting Date and Adjourn**

The Zone 9 Advisory Board confirmed the next meeting date of Monday June 12, 2017. Topics to include a public workshop earlier in the day. DH unable to attend this meeting but will send somebody to provide him with any updates.