

**MINUTES OF THE
FLOOD CONTROL ZONE 9 ADVISORY BOARD MEETING
HELD TUESDAY 7:00PM, JUNE 21, 2016
AT SAN ANSELMO TOWN HALL
525 SAN ANSELMO AVENUE**

<u>Advisory Board (AB) Members Present</u>	<u>District Staff (Staff) Present</u>
Sandra Guldman (SG)	Neal Conatser, Ross Valley Program Manager (NC)
Richard Gumbiner (RG)	Liz Lewis, Planning Manager (LL)
Dan Hillmer (DH)	Felix Meneau, Zone Engineer (FM)
Peter Hogg (PH)	Craig Tackabery, Asst. Director of Public Works (CT)
Chris Martin (CM)	
Tom McInerney (TM), Chairperson	<u>Others Present</u>
David Weinsoff (DW)	Dan Cloak (DC)

Item 1. Approval of Meeting Minutes for April 19, 2016

Action by Board: approve April 19, 2016 meeting minutes after corrections noted on pages 4 and 5 changing the word 'levee' to 'berm' within item 3.c) Lower Corte Madera Creek Improvement Project and correction to page 4 by changing 'General Manager' to 'Town Manager' within item 3.b) Creek Maintenance Program.

M/S: DW/CM, **Ayes:** All, **Nay:** None, **Absent:** None, **Abstain:** None

Item 2. Open Time for Items Not on the Agenda

Public comment was provided by Christopher Lang of Fairfax regarding any follow-up from the Advisory Board and/or District staff regarding comments provided at the last meeting regarding that Fairfax Town Hall almost flooded, big tanks should be used to hold back water, White Hill community or other flatter areas of the watershed should be pursued to address flooding, and permeable parking lots should be constructed such as at Canyon Village and several others.

Item 3. Program and Project Updates:

Note - Agenda item 4 placed ahead of item 3.

District staff discussed upcoming public meetings, Sleepy Hollow Creek Flood Improvements Project, U.S. Army Corps of Engineers Corte Madera Creek Project (Units 2, 3, and 4), Phoenix Lake IRWM Retrofit Project, Former Sunnyside (Nursery) Growing Grounds Detention Basin, and FEMA Hazard Mitigation Funding Opportunity (Structure Raising & Building Bridge Number #2), [see Staff Report dated June 21st, 2016.](#)

PH asked why spillway design work was underway if Division of Safety of Dams (DSOD) had not yet approved the proposed dam modifications, District staff answered that any potential spillway modification would need to be evaluated in order to be able to provide a holistic cost estimate of

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proposed alternatives to DSOD.

DW asked for updates to former Sunnyside Nursery site and if a detention basin at this site would reduce detention volume needed at Lefty Gomez Field, and if so by how much. District staff responded that two closed sessions had been held by Marin County Flood Control and Water Conservation District Board of Supervisors regarding purchasing the property at Former Sunnyside Nursery and that it was not realistic to assume a detention basin at Sunnyside Nursery would replace the need for a detention basin at Lefty Gomez Field when assuming the same flow reduction goal should be met.

TM asked for details of the feasibility phase expected for the former Sunnyside Nursery Site and if the Board of Supervisors will decide on final purchase price for the property. District staff responded that if an agreement is reached with the property owners of the Former Sunnyside Nursery site a geotechnical feasibility assessment could then be performed to assist in determining if the site is feasible for use as a detention basin. District staff described that the Advisory Board recommended a \$3 million purchase acquisition expense at the last April 19th 2016 Flood Control Zone 9 meeting and that the Board of Supervisors would consider this recommendation when making a final decision on final purchase of the property.

SG expressed concern that some of the same public concerns, including from parents of children attending White Hill Middle School, will be raised for pursuing a detention basin at former Sunnyside Nursery site as were raised for pursuing a detention basin at Lefty Gomez Field, unless the proposed former Sunnyside Nursery site can be fully closed off from public access and possibly considered as a "single use" facility. District staff responded that any concerns regarding the use of former Sunnyside Nursery site as a multi-benefit detention basin facility will be vetted during future and upcoming public meetings.

Public comment was provided by Steve Lamb of San Anselmo regarding:

1. If the new Corte Madera Creek bikepath project will hinder or restrict options available for the Corp of Engineers Corte Madera Creek Flood Control Project.

District staff answered the bikepath project utilized a separate funding source from the Corps project which had been requested six years ago in order to provide immediate community benefit beginning this year after construction is completed.

2. Is Building Bridge #2 being planned for removal, or will it be raised.

District staff answered that that the District assisted the Town of San Anselmo in submitting a FEMA application to raise and/or remove the building with the goal of removing building obstructions from the creek.

Public comment was provided by Marc Hammerman of Fairfax regarding how removal of Memorial Park site from consideration as a detention basin will impact the other identified detention basin sites intended to act as a system, what is maximum flow reduction at the most opportune detention basin sites, and the possibility that the Advisory Board will need to address community opposition to the use of former Sunnyside Nursery as a detention basin.

TM responded that the community would need to address the opposition to the use of former Sunnyside Nursery as a detention basin, and DW added that opposition to this site would only further limit the tool box available to reduce flood risk within the community in the future.

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Item 4. Green Infrastructure (GI) & Low Impact Development (LID) Discussion:

District staff presented on the topic of GI and LID, see [Staff Report dated June 21st, 2016](#). Consultant to Marin County Stormwater Pollution Prevention Program (MCSTOPPP), Dan Cloak, presented on the topic of GI and LID ([see presentation from June 21st, 2016 meeting](#)).

DH asked if MCSTOPPP can assure offset of development impacts. DC responded that LID was not a solution to large scale flooding.

CM asked if trees will help control runoff, DC answered trees can help to reduce flooding from the same sized storms benefitting from LID.

PH asked if the bottom of proposed detention basins could be designed to serve an LID function and DC responded that there is 35% to 40% porosity in gravels which would allow serving LID function if designed and constructed properly.

Public comment was provided by Warren Karlenzig of San Anselmo regarding examples of successful implementation of LID in other jurisdictions (Beijing, Portland, Illinois Balckaberry Creek, and Los Angeles Municipal Power) which also serve a flood control benefit, and that Fairfax could see an estimated 15% flood reduction potential through implementation of 6 to 48 hour holding times.

DW asked if 15% investment in LID would require less detention volume when compared to a 'no' detention basin option, and DC answered that LID could provide additional detention benefits.

TM asked where Marin County stands with LID compared to other municipality efforts, and DC answered that in 2006/07 MCSTOPPP lead efforts to promote LID until LID became required in 2013.

Public comment was provided by Christopher Lang of Fairfax regarding creek setback requirements in Fairfax, Lefty Gomez handout states LID infrastructure will not solve flooding problems, concern for potential groundwater table impacts due to impervious parking lots, and that conifer trees could be farmed using sewage water like has been done in Sonoma.

Public comment was provided by Marc Hammerman of Fairfax that the "Save Lefty Gomez" effort is not against pursuing detention basins but against pursuing detention basins at Lefty Gomez Field.

Public comment was provided by Garril Page of San Anselmo inquiring how bio-retention areas fit in areas with many trees, and who mandates LID. DC answered that when implementing LID around trees attempts should be made to avoid impacting crown area of the tree, and that the State Water Board and Regional Water Quality Control Board regulates the State's Clean Water Act.

Public comment was provided by Steve Lamb of San Ansemo that the focus of these meetings used to be how to best address the next 100-year flood as was intended through the original fee parcel election, and LID is not the primary function of this Advisory Board group.

Item 5. Department of Water Resources Grant (former Memorial Park grant): Analysis of Replacement Project Alternatives for San Anselmo Flood Protection Projects

District staff discussed next steps, public involvement, and District/Town rolls and responsibilities (see [Staff Report dated June 21st, 2016](#) and [presentation from June 21st, 2016 meeting](#)).

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DH suggested amplifying dates when decisions for the project will need to be made.

Item 6. Adjourn (Next Meeting Scheduled for September 20th, 2016)

The Zone 9 Advisory Board confirmed the next meeting date of September 20th, 2016.