

SOLANO COUNTY WATER AGENCY



FLOOD CONTROL ADVISORY COMMITTEE **Meeting Announcement**

DATE: Thursday, December 3, 2009

TIME: 7:00 p.m.

PLACE: Solano Irrigation District Board of Directors Room
508 Elmira Road, Vacaville

AGENDA

1. Introductions and Public Comment
2. Approval of Minutes of October 22, 2009 meeting
3. Committee Membership
 - Reappointment of Ron Campbell, Mike O'Connor and Laura Peters
 - Vacancies – Two positions open
4. Briefing on Central Valley Flood Protection Plan - David Okita
5. Small Grant Projects: Staff Update
6. Medium Sized Projects: Staff Update
7. Election of Chair and Vice Chair for 2010
8. Committee Work Plan for 2010 – Staff needs input on agenda items
9. Set Meeting dates for 2010
 - February 18; April 15; June 17; August 18; October 21; December 2

If you have any questions contact Alex Rabidoux at (707) 455-1106

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SOLANO COUNTY WATER AGENCY

FLOOD CONTROL ADVISORY COMMITTEE

MEETING MINUTES: October 22, 2009

Introductions and Public Comment: Chairman Rolf Ohlemutz called the meeting to order at 6:56 pm.

Approval of Minutes of May 28, 2009 and Field Trip Notes of June 25, 2009: The minutes and field trip notes were unanimously approved.

Committee Vacancy: Staff reported that there are still 2 vacancies on the Committee.

Presentation on Rio Vista Flood Study: David Okita presented an overview of the recently completed Rio Vista Flood Study. Federal and state agencies such as the Army Corps of Engineers and the Central Valley Flood Protection Board are concerned about the flood capacity of the Yolo Bypass. The City of Rio Vista is also greatly concerned about the Yolo Bypass, because all of the Yolo Bypass flows are conveyed just upstream of Rio Vista, into the Sacramento River. The City of Rio Vista and the Water Agency had several concerns, specifically what would happen if any of the Lindsey Slough levees failed, determining the importance of the Water Agency's Mellon Levee, and the impact of Egbert Island flooding. The recently obtained LiDAR data from the County was used for the study. The Federal Emergency Management Agency (FEMA) 100-yr flood elevations were also checked as well.

The results of the study showed that the FEMA 100-yr flood zones were fairly accurate. The study also looked at the FEMA 100-yr flood elevation at plus 1-ft and 2-ft elevations. There was more inundation for each foot increase, but not a substantial difference compared to the original 100-yr flood elevation. The areas of Rio Vista most susceptible to flooding were along the Sacramento River banks and the north east part of town. The study also showed that the Mellon Levee really does not provide much flood protection except under small flood events. During high flood events, the Mellon Levee does not provide substantial flood protection, because the Sacramento River can flood both the upstream and downstream side of the levee. To reduce flood concerns within the City of Rio Vista, the City would like to build a flood wall. The City does not have money and is actively trying to obtain grants. Furthermore, the flood wall may not support a good cost to benefit ratio, so grant funding may be a challenge.

Delta Levee Issues Update: David Okita gave a brief update on delta levee issues. Currently, the Peripheral Canal is the issue of most concern. Existing water users are concerned about an earthquake in the Delta, which would impact both water supply and

water quality for 1-2 years, prompting strong interest in a Peripheral Canal. As part of the Peripheral Canal, large areas of habitat would be protected in the Delta, as indicated in the Bay Delta Conservation Plan. Stakeholders in the Delta, including the Water Agency, are concerned that state and federal money for Delta levee maintenance would be eliminated, once a Peripheral Canal is built.

In response to the Peripheral Canal and arguments that the Delta levees are destined to fail, three reputable engineers who are quite familiar with the Delta levees, submitted a response, stating that if they were given \$1 billion dollars over time, the Delta levees could be sustainable. The letter also serves as a potential request for funds, to appease Delta stakeholders opposed to the Peripheral Canal.

Committee member Steve Chappell pointed out that even today, getting State funding for Delta levee improvements, is not guaranteed. State funding can vary significantly from year to year and many local Reclamation Districts have encountered substantial debt, waiting for state reimbursement. It is vital that there be a steady source of income for Delta levee funding.

Small Grant Projects: Alex Rabidoux briefly went over the status of the small grant projects. There are two active projects, one in Green Valley and one in the Allendale area.

Medium Sized Projects: David Okita presented a brief overview of the medium sized projects. For Sweeney Creek, a total of 7 applications have been received for the home raising program for FY 2007-2008 and FY 2008-2009. For Gibson Canyon Creek, the study has been completed, and the City of Vacaville and the neighboring developer will need to work together on a solution. For Suisun and Ledge wood Creeks, a joint study is being done with the Solano Transportation Authority. Caltrans has several big projects being planned in the area, and will need to mitigate for flood issues. The Dixon Regional Watershed Authority will be requesting additional funds from the Water Agency, their application is being developed. For Rio Vista, the flood study is now complete.

Next Meeting: The next meeting of the Flood Control Advisory Committee is scheduled for Thursday, December 3, 2009 at 7:00 pm at the Solano Irrigation District.

Committee Members Attending:

Jim Daniels	Steve Chappell
Terry Riddle	Paul Lum
Rolf Ohlemutz	Mike O'Connor
Mark Holdener	

Committee Members Absent:

Laura Peters	Delbert Berg
Ron Campbell	Charles Karnopp

SCWA Staff:
David Okita

Alex Rabidoux

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FLOOD CONTROL – FY 2009/2010 SMALL GRANT PROJECTS

December 03, 2009

NAME	LOCATION	WATERSHED	TOTAL PROJECT COST		PAID OUT (SCWA)	STATUS
			Owner Cost-Share	SCWA Cost-Share		
Wally Pearce	4586 Campos Rd Winters, CA	McCune Ck.	N/A	N/A	\$0	PENDING: The SRCD is working with landowner; small grant app submitted.
Tracy Rush	101 Siebe Dr Fairfield, CA	Green Valley Ck.	\$3,276	\$7,716 (\$6,554) ¹ (\$14,270) ²	\$0 (\$6,554) ¹ (\$6,554) ²	APPROVED: The SRCD has completed all riprap and vegetation work, and is applying for permits to clear out the culverts. SCWA contributed \$6,554 for the project for FY 2008-2009.
Keith Thrower	5755 Fry Rd. Vacaville, CA 95687	Old Alamo Ck.	N/A	N/A	\$0	PENDING: SRCD and the City of Vacaville are working on options for this site
Charles and Hideko Lion	Locke Rd. Vacaville, CA	Sweeney Ck.	\$2,928	\$8,400	\$4,200	APPROVED: The design phase of this project is in progress.
Marilee Scholl and Stephen Silberstein	Bucktown Lane Vacaville, CA	Ulatiss Ck	N/A	N/A	\$0	PENDING: The SRCD is working on submitting this project – involves 4 parcels (including Georgia Simpson's above) on an ephemeral stream that drains to Ulatiss. Major sediment source to Ulatiss.

Totals: \$6,204 \$16,116 \$28,874 \$4,200
Amount Remaining in Small Grant Budget: \$33,884

¹Amount was applied during fiscal year 2008-2009.
²The sum represents the total project cost or total cost share for fiscal years 2008-2009 and 2009-2010.

MEDIUM SIZED FLOOD PROJECT STATUS REPORT

December 3, 2009

This is a status report for each of the active medium sized flood projects currently being undertaken by the Solano County Water Agency.

PROJECT	STATUS SUMMARY
SWEENEY CREEK	<ul style="list-style-type: none">• SCWA Home Raising Program. SCWA processing applications – Six \$25,000 payments made in FY 2007-2008. One for FY 2008-2009- Continuing to accept applications- none pending
GIBSON CANYON CREEK	<ul style="list-style-type: none">• Examining feasibility of using abandoned Vacaville sewage ponds as detention basins.• Report shows feasible project –report submitted to Vacaville and developer for review
LEDGEWOOD CREEK	<ul style="list-style-type: none">• Work completed of preliminary evaluation of open space / detention pond storage – not promising.• Project on hold for coordination with Suisun Creek Study
DIXON REGIONAL	<ul style="list-style-type: none">• Watershed Study completed August 2001• SCWA commits to \$200,000 for “Three Mile Connection” in 2004.• Dixon Watershed Authority requests funding for Eastside Drain Project in 2007 – application being developed.
SUISUN CREEK	<ul style="list-style-type: none">• Solano Transportation Authority has contracted for a 2D computer model of the watershed (including LedgeWood) to look for flood control solutions. SCWA is participating in the study
RIO VISTA	<ul style="list-style-type: none">• Completed