

# SOLANO COUNTY WATER AGENCY



## FLOOD CONTROL ADVISORY COMMITTEE Meeting Announcement

**DATE:** Thursday, June 23, 2011  
(NOTE: CHANGE IN TIME FROM USUAL)

**TIME:** 6:00 p.m.

**PLACE:** Parking Lot of SCWA/Solano Irrigation District  
810 Vaca Valley Parkway Suite #203, Vacaville  
(NOTE: NEW LOCATION)

### AGENDA

1. Introductions and Public Comment
2. Approval of Minutes of December 2, 2010 meeting
3. Approval of Minutes of April 28, 2011 meeting
4. Ethics Training Requirements
5. Bus tour of small grant projects in the Dixon, Allendale, and Green Valley areas. Sandwiches will be provided to FCAC Members on the bus. (Public welcome on bus tour if space allows but advance notice must be provided to Alex Rabidoux). **FCAC to RSVP to Alex at [ARabidoux@scwa2.com](mailto:ARabidoux@scwa2.com) or (707) 455-1106.**
6. Set meeting dates for 2011.  
December 1

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: December 2, 2010

**Introductions and Public Comment:** Vice chairman Paul Lum called the meeting to order at 7:02 pm. There was no public comment.

**Approval of Minutes of May 26, 2010:** The minutes were approved with one committee member abstaining.

**Medium Sized Projects:** David Okita gave a brief update on the medium sized projects. For the Sweeney Creek area, a total of 7 home raising applications were approved in FYs 2007-2008 and 2008-2009, with no projects submitted in FY 2009-2010. There is currently one application pending. For Gibson Canyon Creek, the Water Agency completed the watershed study which was submitted to the City of Vacaville and developer for review. The watershed study looked at constructing a regional detention basin on land owned by the City of Vacaville and was shown to be a feasible project. For the Ledgewood and Suisun Creek studies, the modelers are waiting on high flow data so that the model can be properly calibrated. Last year there were no large storm events, so no data was obtained. For the Dixon Regional watershed, the Water Agency committed \$200,000 for the "Three Mile Connection" but that project has not yet been constructed. For the Rio Vista area, the flood study was funded and has been completed.

**Presentation of the Small Grant Program – Amy King, Solano RCD:** Amy King with the Solano Resource Conservation District gave a comprehensive overview of the small grant program past and present. Historically, the small grant projects have been focused in the North Vacaville, Green Valley and Suisun Valley areas with a few urban projects in Vallejo and Dixon. The most recent projects completed or in progress have been in the Dixon area, the Peaceful Glen area which is a tributary to Sweeney Creek, Collinsville, Old Alamo Creek near Elmira, and in Green Valley. For expenditures, a total of \$15,822 was spent in FY 2009-2010 and \$33,400 in FY 2010-2011. Amy explained that the full \$50,000 allotment for FY 2010-2011 will likely be spent by the end of the fiscal year, because there are several viable small grant projects that will be submitted to the Water Agency soon. Amy also discussed what is working well with the small grant program. Such items include the leveraging of other County resources, the ability to assist landowners without needing small grant funds, the ease of the small grant application itself, the "Ready for the Flood" manuals, and the application deadlines of February 1<sup>st</sup> and August 1<sup>st</sup>. For improvements to the small grant program, Amy suggested that more regular reporting such as schedule written reports and a more regular flow of applications could be helpful. Amy also discussed what the current publicity is for the small grant program. A total of 2 articles per year are printed in the Solano RCD newsletter, 2 press releases are issued each year and submitted to the local newspapers, and articles are put into the SID Irrigator newsletter.

Amy did not feel that any additional publicity was warranted, because the program is currently spending almost the full budget allotment.

**Election of Chair and Vice Chair for 2011:** Terry Riddle was nominated to continue as the chairman for the Flood Control Advisory Committee. Terry was not in attendance at the meeting, so he will need to confirm the nomination. Paul Lum was nominated and approved as the vice chair.

**Committee Work Plan for 2011:** David Okita explained that the Committee needs to determine a work plan for 2011. Currently there has not been much work on the medium size projects and a quarterly update is probably most appropriate for the small grant program. A meeting should be scheduled in April to discuss upcoming flood control budgets and a meeting in June for the annual field trip.

*The Committee determined that four meetings will be scheduled for 2011 in February, April, June, and December. For the February meeting Agency staff can provide an update on the winter storm activity.*

**Next Meeting:** The next meeting of the Flood Control Advisory Committee is scheduled for Thursday, February 24, 2010 at 7:00 pm at the Solano Irrigation District.

**Committee Members Attending:**

Rolf Ohlemutz	Charles Karnopp
Laura Peters	Paul Lum
Mike O'Connor	Ron Campbell
Steve Chappell	Jim Daniels
Delbert Berg	

**Committee Members Absent:**

Terry Riddle	Ronald Koehne
Mark Holdener	

**SCWA Staff:**

David Okita	Alex Rabidou
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## SOLANO COUNTY WATER AGENCY

# FLOOD CONTROL ADVISORY COMMITTEE

### MEETING MINUTES: April 28, 2011

**Introductions and Public Comment:** Chairman Terry Riddle called the meeting to order at 7:00 pm absent a quorum. There was no public comment.

**Approval of Minutes of December 2, 2010:** The minutes could not be approved because there was not a quorum.

**Ethics Training Requirements:** David Okita explained to the Committee that all of the Flood Control Advisory Committee members will need to retake the ethics training as it is required every two years. The training can be taken online.

**Medium Sized Projects:** David Okita provided a brief update of the medium sized projects to the Committee. Only the Suisun/Ledgewood Creek study is active, and is being funded by the Solano Transportation Authority with a \$100,000 contribution from SCWA. David expects to have the results of the study completed by the end of this year.

**Presentation of the Small Grant Program – Amy King, Solano RCD:** Amy King with the Solano Resource Conservation District gave an update of the small grant program. Amy briefly went over several completed or in progress small grant projects along Fox Road (Dixon), Locke Road (North Vacaville), Collinsville, Peaceful Glen Road (Allendale), Beach Street (Vallejo), and MacEathron Road (Allendale). Amy explained that many of these projects have turned out quite well. For fiscal year 2010-2011 a total of \$48,400 out of \$50,000 has been spent. For fiscal year 2011-2012 Amy anticipates funding of the Peaceful Glen Road (Allendale) project, Beach Street (Vallejo), and an additional regional drainage project in the Collinsville area.

Amy also provided an update to the Committee on what is working well for the small grant projects. The \$50,000 budget has been a good allocation for the program. Leveraging of County resources has worked out well. The ability to provide landowner assistance without the need for small grant funds has been very successful. The Water Agency's small grant application is easy and straightforward for landowners to complete. Amy also gave an update on what is not working well. In general there is not a predictable flow of applications for the small grant program. Amy would like to do more regular reporting to SCWA on the small grant program. Additionally, Amy has found that most landowners are very confused about what each Agency does. For publicity for the small grant program, Amy is currently issuing two press releases in the local newspapers. Two articles are also published in the Solano RCD's newsletter as well as at least one article in SID's newsletter. Amy also hands out the Flood Manuals, which are given out to interested landowners.

**Presentation of the 2011 Flood Forecasting – Alex Rabidoux, SCWA:** Alex Rabidoux with the Solano County Water Agency provided an update to the Committee on the 2011 Flood Forecasting Program, with a focus on the March 24, 2011 storm event. For Sweeney Creek photographs were displayed showing high water levels at Hartley Road, I-505, and North Locke Road. Alex explained that for Hartley Road, only about 1.5-ft of clearance was left under the bridge. For North Locke Road, there was only about 1-ft of freeboard remaining on the south bank. A time series plot of Sweeney Creek was shown, illustrating that Sweeney Creek crested to a stage of 8.5-ft on March 23 and to 11.5-ft on March 24, just 1.5-ft less than the flood stage of 13.0-ft. Alex explained to the Committee that a reverse 911 call was requested by the Water Agency on March 24 at 12:30pm. Sweeney Creek crested at 3:00pm and according to the Solano County Office of Emergency Services only about 50% of the calls had been completed. Additionally photographs were shown for the Heather Lane area, where several backyards were flooded, and for Hartley Road where some overland street flooding did occur. In the Suisun Valley, photographs were shown of Ledgewood Creek at Ledgewood Road, where some local flooding did occur. For Suisun Creek photographs were taken at Cordelia Road, which is an area susceptible to flooding. Only a few feet of clearance remained under the bridge, illustrating that Suisun Creek was very close to reaching flood stage. In summary, the March 24, 2011 storm event illustrated that when the County has reached highly saturated conditions, moderate storm events can lead to flooding. Additionally, some improvements will need to be made to the reverse 911 telephone lists.

**Flood Control Budget for FY 2011-2012:** David Okita first presented to the Committee the estimated end of year projections for the FY 2010-2011 flood control budget. The Agency will not be spending the \$200,000 for the Dixon Watershed Project as the project is not ready to be constructed. For the Sweeney Creek Home Raising Program only 1 application was approved this year. This will also be the last year that the Water Agency will be contributing to the City of Vacaville's Detention Basin project, as the Agency will have fulfilled the Contract agreement with the City of Vacaville. For FY 2011-2012 the total flood control budget will be \$451,400 compared to the prior year's budget of \$1,118,823. David explained that the main reason for this change in funding, is that the Water Agency has fulfilled its financial obligation for the City of Vacaville's detention ponds. Additionally, almost all of the County's flood prone watersheds have been studied, so the budget has been reduced for the watershed plans.

Committee member Ronald Koehne expressed concern that the flood control budget was being cut in half. David Okita explained that the main reason for this reduction in the flood control budget was due to the Agency's financial fulfillment for the City of Vacaville's Detention Basin project.

*The Flood Control Advisory Committee recommended approval of the FY 2011-2012 flood control budget by the Water Agency's Board of Directors. A quorum was not reached, so a formal motion could not be passed.*

**Next Meeting:** The next meeting of the Flood Control Advisory Committee is scheduled for Thursday, June 23, 2011 at 5:30 pm for a tour of the small grant program flood control projects.

**Committee Members Attending:**

Rolf Ohlemutz	Charles Karnopp
Laura Peters	Terry Riddle
Ronald Koehne	

**Committee Members Absent:**

Jim Daniels	Ron Campbell
Mark Holdener	Paul Lum
Delbert Berg	Mike O'Connor
Steve Chappell	

**SCWA Staff:**

David Okita	Alex Rabidoux
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FCAC Tour, June 23 2011  
Summary of Small Grants, 2008-2011

Site	Location	Project Description	Completed	Cost to SCWA	Total Cost
1	SCWA Office				
2	6975 Fox Rd.	Landowner had hydrologic study completed which recommended berms/ponds to be installed. Landowner paid for berms/ponds to be constructed, small grant used to vegetate berms.	July-2010	\$8,400	\$10,500
3	Locke Rd. nr Robinson Rd.	The small grant paid for part of the design and construction costs to install 2 detention ponds in an area with regional flooding concerns.	Oct-2010	\$8,400 (design) <u>\$25,000 (install)</u> \$33,400	\$12,408 (design) <u>\$59,554 (install)</u> \$71,962
4	4356 Peaceful Glen Rd.	The small grant paid for part of the design to improve an area with very poor drainage. The design looked at downstream impacts and improvements needed across several neighboring properties.	June-2011	\$4,328.80	\$5,411
5	7607 Deer Valley Trail	The small grant paid for part of the design and construction costs to improve an area with very poor drainage across a total of 3 landowner properties. Repairs were done after the large Dec-2005 storm event.	June-2006	\$2,800 (design) \$20,625 (install) <u>\$4,522 (repairs)</u> \$27,947	\$2,800 (design) \$20,625 (install) <u>\$4,522 (repairs)</u> \$27,947
6	101 Siebe Dr.	The small grant paid for installing riprap and native vegetation to control erosion. A large culvert in dire need of cleaning, was cleared and downstream vegetation cleared to improve drainage in this area.	Oct- 2009	\$14,270	\$17,546
7	3755 Spurs Trail	The small grant paid for the design , permitting, and construction costs to install and maintain a sediment trap on a local drainage. During the Dec-2005 storm event this tributary completely plugged a culvert on Spurs Trail, overflowed the road, and silted up the downstream channel.	Oct-2008	\$7,729 (design) <u>\$31,014 (install)</u> \$38,743	\$7,729 (design) <u>\$38,768 (install)</u> \$46,497

