



WATER RESOURCES ASSOCIATION OF YOLO COUNTY

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Technical Committee Meeting
Thursday, May 5, 2011, 8:30 – 10:30 am
Woodland Community & Senior Center, 2001 East St., Room 3

AGENDA

1. **Call to Order**
2. **Approve Agenda and Adding Items to the Posted Agenda:** In order to add an item to the agenda, it must fit into one of the following categories: a) A majority determination that an emergency (as defined by the Brown Act) exists; or b) A 4/5ths determination that the need to take action that arose subsequent to the agenda being posted.
3. **Approval of Minutes from Previous Committee Meeting:** Minutes (attached) will be approved by consensus through email communications. Previous meeting was held on 4/7/11. Please comment by 5/9/11.
4. **Public Comment:** The public may address the Committee relating to matters within the WRA's jurisdiction.
5. **DWR Update:** Update from DWR staff on topics of interest to Technical Committee
6. **Water Legislation & Regulatory Issues Update** (Tim O'Halloran, Cindy Tuttle)
7. **Update on CAP-to-CAP - May 7-11, 2011** (standing item thru 5/2011)
8. **Update on Proposition 84 Planning Grant**
 - a) Westside IRWMP Process, Status of consultant scope of work (Jacques De Bra)
9. **Yolo County IRWMP Update Process**
 - a) Review final 2010-2020 Priority List for WRA Board review in June (Jacques De Bra) (attached)
 - b) Review final Accomplishments List for WRA Board review in June (Jacques De Bra) (attached)
 - c) Update on Yolo County Hydraulic Modeling Strategy (Tim O'Halloran)
10. **Draft FY 2011-12 WRA Project Fund** (Jacques De Bra)
 - a) Review and discuss draft FY 2011-12 budget recommendations and FY 2010-11 year end (attached)
 - b) Preliminary summary of Surface Water Monitoring Program
11. **Member Information & Future Agenda Items:** Committee members are invited to recommend topics or future meetings and report on current issues/events.
12. **Next Meeting Date: Thursday, June 3, 2011, 8:30 to 10:30 am, Woodland Community Center, 2001 East St., Woodland.** (Note: The TC reserves the 3rd Thursday for an additional meeting as needed.)
13. **Adjourn**

I declare under penalty of perjury that the foregoing agenda for the May 5, 2011 meeting of the Technical Committee for the Water Resources Association of Yolo County was posted by April 29, 2011 at the office located at 34274 State Highway 16, Woodland, CA and was available to the public during normal business hours.

Donna L. Gentile, WRA Secretary and Administrative Coordinator

Water Resources Association of Yolo County
Technical Committee (TC) – April 7, 2011, 8:30 – 10:30 am
Woodland Community & Senior Center, 2001 East St., Woodland

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Committee Members:

Jacques De Bra, City of Davis	Cecilia Curry, City of Winters
Max Stevenson, YCFC&WCD	Bill Brewster, DWR
Mark Cocke, City of Woodland	Kathryn Chandler, RD 108
Stefan Lorenzato, YCFC&WCD	Jeanette Wrynski, Yolo County RCD
Tim O’Halloran, YCFC&WCD	Cindy Tuttle, Yolo County
Donna Gentile, WRA	

Other Attendees:

Robert Morrow, ARCADIS	Dave Pratt
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Member Agencies Absent:

City of West Sacramento	Colusa County Water District
UC Davis	Dunnigan Water District
RD 2035	

1. **CALL TO ORDER** by Jacques De Bra.
2. **APPROVAL AGENDA & Adding Items to Posted Agenda:** Two items were added: Follow-up on Hydraulic Modeling from the March TC meeting and information about support for SB 200.
3. **APPROVE MEETING MINUTES:** Previous regular meeting minutes were emailed to the TC for review with today’s agenda. Comments on the 3/3/11 draft minutes are due by 4/8/11.
4. **PUBLIC COMMENT:** There were no comments from the public.
5. **DWR UPDATE:** Bill Brewster gave the following updates.
Future phases of the CASGEM online submittal system are being developed to provide the capability for agencies to submit data. The IRWMP Planning Grant commitment letters should be mailed within the next week. After receipt, the grantee can provide any revisions to the application’s scope, budget or schedule. It is important to identify the Disadvantaged Communities (DAC) portion of the budget. Julie Haas, the Yolo County DWR representative, is returning from an extended leave and will be working on grant administration. There are no additional updates on the Proposition 84/1E Stormwater Flood Management Grant applications which are due 4/15.

Bill informed the TC about DWR’s Regional Forum which is a new coordination effort for regional outreach on water management and planning developed from the California Water Plan. These are designed to be informational meetings with no decision or policy making intent. The meetings are meant to consolidate various planning efforts for IRWMP, flood and the California

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Water Plan and provide the locals with a centralized location to exchange information with DWR. The Forum is organized around 10 hydrologic regions and 2 special regions (Delta and Mountain Counties). The Regional Forum will meet a couple of times per year. Each hydrologic/special region has a Design Teams that will meet (2-4 x per year) to identify the current issues in their region and provide feedback to the Forum. The Forum provides a venue to identify the regional issues of concern in water management and understand the issues from a local perspective. Yolo County is part of the Sacramento Valley region. Bill indicated that currently the only representation from Yolo County on the Design Team is from Conaway Ranch. The TC agreed it is important that whoever is representing Yolo County reports back to the TC with information about the process. Maybe additional representation from Yolo County is needed. Bill will forward informational links to Donna for distribution to the TC for further discussion.

Mark Cocke inquired about the status of DWR's Multi-Hazard Response Plan (Levee Emergency Response Plan). Mark will forward an email he received about the plan for distribution to the TC.

(Post meeting information: Plan draft template and requirements:

http://www.water.ca.gov/floodsafe/docs/SampleFloodSafetyPlan-DraftMarch_2011.pdf)

Post meeting note - Informational links for items discussed:

▪ **DWR Regional Forum & Regional Forum Design Teams:**

Draft Regional Forum Approach – 3 pages summary

http://www.waterplan.water.ca.gov/docs/regions/update2013/regional_approach_2011-01-18.pdf

Draft Regional Forum Presentation

http://www.waterplan.water.ca.gov/docs/meeting_materials/regional/020911/kick-off_content-2.9.11.pdf

Geographic Map of 12 hydrologic regions from California Water Plan

<http://www.waterplan.water.ca.gov/docs/maps/regions.pdf>

For anyone interested in joining the Sacramento Region - Regional Forum Design Team, please contact Gary Lippner, Regional Coordinator at glippner@water.ca.gov or 916-376-9604.

▪ **2011 Regional IRWM Conference on May 24-25:**

The Department of Water Resources and the Water Education Foundation are co-sponsoring a conference on integrated regional water management which will be held on May 24-25 in Sacramento. To view the draft conference agenda, conference details, and to register for the conference, please go to: <http://www.watereducation.org/doc.asp?id=1899>

6. **WATER LEGISLATION & REGULATORY ISSUES UPDATE:** Cindy Tuttle presented information about SB 200 (Wolk) and inquired whether the WRA would consider a letter of support. The Bill is going before committee on April 12th. Jacques said this request would need to be reviewed by the WRA Executive Committee who does not meet until April 14th. Cindy will forward the actual legislation language to Donna for distribution to the TC and the Executive Committee. (Post

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meeting note: SB 200 was removed from the committee hearing by Senator Wolk for amendments before April 12th.)

Jacques reported on his recent participation at the annual American Water Works Association (AWWA) National Fly-In partnering this year with the Water Environment Federation (WEF). Both associations joined forces to bring key water issues to the Congress. The main message was the need for a low-interest rate funding program for large capital projects (i.e. water, wastewater, stormwater). The Senate was supportive, but garnering support from Congress has been challenging.

7. Update on CAP-to-CAP – May 7-11, 2011: Jacques reported on the status of the Sacramento region's trip to Washington, DC. The CAP-to-CAP trip is to ensure that those who are already in the Federal budget receive funding for their projects and to introduce new projects. Since the Federal government is not taking appropriation requests this year the focus has been modified to a Federal funding priority approach instead. The message to Washington is that low interest capital financing can be helpful in lieu of grant funding.

8. UPDATE on PROPOSITION 84 GRANTS:

a) Westside IRWMP/Prop. 84 Planning Grant - Jacques reported that the Westside RWMG has received formal notification from DWR on their grant award. The Westside team and YCFWCWD, who is the grant's fiscal agent, have met with DWR for preliminary discussions. The grant should be fully executed by the end of FY 2011. A final consultant scope of work will be circulated to the TC.

b) Prop. 84/IE Flood & Stormwater Implementation Grant Opportunity – No one from Yolo County has indicated that they will be applying for this grant by the April 15th deadline. There were some grant restrictions that made an application difficult to consider and the projects had to be shovel-ready.

Times have changed and no longer can a project proposal be developed with an expectation of receiving grant support. Jeanette Wrynski shared that grant contract terms have changed in the last 6-10 months in the State of California that may give some agencies cause to not accept an awarded grant. A changed contract clause states that on a reimbursable grant, the grantee may do the work and if the legislature doesn't allocated funds then the State has no obligation to ever reimburse the grantee.

9. YOLO COUNTY IRWMP UPDATE PROCESS:

a) Review 2010-2020 Priority & Final Accomplishments Lists: The TC reviewed both lists. The 2020 List's intent is to highlight the priorities that will be completed in the near future. Two omissions on the Accomplishments List were noted: Cache Creek Hydrology and the City of

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Woodland floodplain mapping (partially funded by the WRA). Both lists will be finalized by the end of FY 2010-11 and presented to the WRA Board at their June meeting. Both lists will be distributed to the TC via email for final comments at the May (and June if needed) TC meeting(s).

10. STATUS of WRA FUNDED FY 2010-11 PROJECTS: Discussed in conjunction with FY 2011-12 Project Fund recommendations below.

11. REVIEW & DISCUSS FY 2011-12 WRA PROJECT FUND RECOMMENDATIONS: Jacques opened discussion on next fiscal year's project fund recommendations. A 3-year budget comparison spreadsheet was distributed for background information. Jacques reviewed the draft FY 2011-12 project budget table. The project budget is anticipated to be \$99,375 for 2011-12 based on 57% of membership dues to be invoiced. Additional special project funds will be invoiced to participating WRA members to support the Groundwater Monitoring program again in 2011-12 (\$89,000). Carryover funds anticipated from FY 2010-11 projects totals \$58,442, which will be utilized for projects in the FY 2011-12 budget. The Westside IRWMP carryover will be maintained for the Westside IRWMP project related to the Proposition 84 planning grant. Draft recommendations for 2011-12 include: \$35,000 total for the Westside IRWMP (a 2-year commitment); \$35,000 to develop the Surface Water Monitoring Program; \$18,194 to support administrative legislative and legal services; \$20,000 for the Yolo Bypass Integrated Project; and the \$89,000 for the Groundwater Monitoring Program. This leaves approximately \$44,000 of unallocated funds for Yolo County IRWMP implementation projects. The WRA Executive Committee is presenting a flat budget for FY2011-12 with no increases to membership dues. Jacques opened up the floor for TC discussion on the proposed allocations. The unallocated funds should be assigned to the implementation of the Yolo County IRWMP, a foundational action, or funding development piece. This item will be discussed again at the May TC meeting.

Max Stevenson commented on the Yolo County Groundwater Monitoring Program progress. The web interface for the program's database management function is operating well. Max continues to encourage participating agencies to use and evaluate the web database. Two years ago, Max conducted training sessions with City staff on using the database. They are not taking advantage of the web interface, although it could greatly enhance the quality and consistency of the data he receives while making data management easier for them as well. Max asked for ideas from the TC on how to promote the use of the online data tool. Max annually prepares a report in January for the YCFCWCD Board. It was suggested that a report and presentation to the WRA Board in June would be appropriate for the fiscal year budget adoption process. A special outreach on utilizing the program could be proposed at the same time. Jacques also suggested inviting the Westside MOU partners, because this groundwater information could be valuable to the development of the regional IRWMP.

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Jacques asked the YFCWCD to return in May to the TC with a preliminary summary for the development of the Surface Water Monitoring Program. Max explained it was challenging to develop a scope with such a small budget, but now there is an opportunity to enhance the Water Resources Information Database (WRID) to include surface water quality monitoring. A 10-year water data set exists from 2004 in an unformulated state for Cache Creek (groundwater and surface water data from over 40 different agencies). The YFCWCD does not currently use the WRID to manage surface water quality data. Jacques reminded that this is intended to be a foundational county-wide action and it should be clear that Cache Creek is a starting place for developing a template for the program.

- 12. ADDED ITEM: Update on Yolo County Hydraulic Modeling:** Stefan Lorenzato summarized the previous discussion at the March TC meeting about water modeling throughout Yolo County. At the TC's request modeling needs were discussed by the floodSAFE Yolo Program Advisory Committee (PAC) in March. There were several issues of concern discussed. 1) The need for Yolo County (local) agencies/staff to have a more sophisticated understanding of what the models can and can not do, so that locals can have credible discussions with the State and other partners; 2) The ability of local agencies to manipulate models for their own planning purposes; and 3) Various project developers are requesting information on what kinds of flood and storm drain analyses are necessary for them to complete in order for local agencies to approve their projects. Currently there isn't one agency that is universally identified and designated to answer questions about hydraulic or ecosystem modeling. The Yolo County City/County Drainage Manual was finalized in February 2010, but it doesn't completely answer developer's questions. There were various options discussed to address these three issues, such as sponsoring a modeling symposium to summarize, distribute and exchange information, or invest resources to house dedicated technical expertise to act as a county clearinghouse for questions and information. It was not clear to the PAC which agency could best serve in this function. The topic needs to be explored further before a direction can be identified. As a starting point it was suggested that a request be sent to the State Department of Water Resources (DWR) requesting that they identify the modeling being conducted by their staff that involves Yolo County. The PAC suggested the next step is for floodSAFE Yolo to meet with Bill Marble and possibly Supervisor McGowan, explain the issues of concern and suggest that the WRA send the request to DWR for the modeling information. Tim O'Halloran was asked to bring this topic to Bill Marble's attention before taking before the WRA Executive Committee for discussion. This topic will be included on the May TC agenda again.

Cindy Tuttle felt that this was a very timely discussion, because the County is preparing a 10-year update of the Cache Creek Area Plan. Tim expressed that the TC has to approach the responsibility of archiving this technical data thoughtfully. The WRA, YFCWCD or the County does not have the technical software or staff resources to effectively manage the data at this

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time. The report on “*Hydrologic Modeling Goals for Yolo County*” was referenced (prepared in 2002 by WRA/DWR/WRIME) - http://www.ycfcwcd.org/reports_page_1.htm.

- 13. MEMBER INFORMATION & FUTURE AGENDA ITEMS:** Jeanette Wrynski announced that she is the Interim Executive Director for the Yolo County RCD once again. Chris Robbins from the RCD may be attending these meetings in her place. Stefan Lorenzato informed that he will be shifting jobs within DWR starting in May and his continued work for the YCFCWCD is undetermined. Tim O’Halloran informed about ACWA’s document on “**Sustainability from the Ground Up: A Framework for Groundwater Management in California**” released this month, which is available for download on their website – <http://www.acwa.com/content/acwa-news>. The City of Woodland, and City of Davis gave brief updates on current activities. Yolo County also gave a brief report on FEMA’s acceptance of the MBK Report for the Knights Landing area.

- 14. NEXT TC MEETING DATE:** April 7, 2011, 8:30 -10:30 a.m., at the Woodland Community & Senior Center, 2001 East St.

- 15. ADJOURN at 10:30 a.m.**

Respectfully submitted,

Donna Gentile
WRA Board Secretary & Administrative Coordinator

2011 Yolo County IRWMP Update
Accomplishments Project List

April 2011 version

COMPLETED (or portions completed) SINCE 2007 ADOPTION OF YOLO COUNTY IRWMP				
Project Title	Integrated Action	Project Cost	Year Completed	Lead Agency
Levee Public Access Improvements Project	Putah Creek	\$60,000	2007	LPCCC
Cache Creek Hydrology Study Review	Cache Creek		2007	City of Woodland/ Ford Consulting
Yolo Bypass Hydraulic Modeling	Yolo Bypass	\$5,000/ \$2 million	2007	Yolo Basin Found./DWR
Dry Creek Bank Stabilization Project	Putah Creek	\$250,000	2008	LPCCC, City of Winters
Huff's Corner Levee Repair Project	Cache Creek	\$1.6 million	2008	Yolo County
Cache Creek Hydrology Update	Cache Creek		2009	floodSAFE Yolo
Groundwater Characterization Study		\$31,000	2009	RD 108
Putah Creek Trails Program (UCD trails project)	Putah Creek	\$5,000	2009	LPCCC
Removal of Winters Percolation Dam	Putah Creek	\$452,000	2009	LPCCC
Russell Ranch Riparian & Grassland Habitat Restoration Project	Putah Creek	\$1,075,000	2009	LPCCC, UCD
South Fork Preserve Riparian & Grassland Restoration Project	Putah Creek	\$5 million	2009	LPCCC
UC Davis Confined Animals Relocation Project	Putah Creek	\$470,000	2009	LPCCC, UCD
Willow Slough/ University Canal Rerouting Project	Putah Creek & Sloughs, Canals, Creeks Program	~\$100,000	2009	LPCCC, UCD, YCFCWCD, Yolo RCD
Yolo Bypass Sediment Removal Program	Yolo Bypass	ongoing	2009	DWR
Cache Creek Regional Park Improvement Project (Middle Site Campground)	Sac River West Bank	\$355,105	2010	Yolo County
Capay Dam Reliability/Restoration Project	Cache Creek	\$4 million	2010	YCFCWCD
Cold Canyon Headwaters Acquisition	Putah Creek	\$45,000	2010	Tuleyome
Putah Creek Fishing Access & Campground Project	Putah Creek	ongoing, \$200,000	2010	LPCCC, Yolo County Parks
Putah Creek Recreational Facilities Restoration and Expansion Project	Putah Creek		2010	LPCCC, Yolo County Parks
Sacramento River Storm Water Sources Monitoring Program	Sac River West Bank	\$8,000/yr	2010	Yolo County
City of Woodland Water Meter Retrofit Program	DWWSP	\$20 million	2011	City of Woodland

2011 Yolo County IRWMP Update
Accomplishments Project List

April 2011 version

Project Title	Integrated Action	Project Cost	Year Completed	Lead Agency
Sacramento River Water Testing Program	DWWSP	\$310,000	2011	WDCWA
Nichols Park Improvement Program	Cache Creek	\$137,931	2011	Yolo County
Dunnigan Area Groundwater Modeling Enhancement Program	Foundational	\$250,000	2011	Dunnigan Water District
Putah Creek Diversion Dam Vegetation Removal Project	Putah Creek	\$75,000	2011	LPCCC
City of Woodland Groundwater Management Plan	Foundational	\$90,000*	2011	City of Woodland
City of Winters Water Meter Retrofit Program	Local Project	\$687,000	2011	City of Winters
Clarksburg Sacramento River Access & Boat Ramp Improvement Project	Sac River West Bank	~ \$232,000	2011	Yolo County
Knights Landing River Access Facility Improvements	Sac River West Bank	~\$732,000	2011	Yolo County

* partnered with YCFCWCD's Groundwater Management Plan (cost sharing benefit)

2011 Yolo County IRWMP Update
Implementation by 2020 Priority Project List
April 2011 version

Cache Creek Integrated Action - Lead Agencies: YCFC&WCD, City of Woodland, Yolo County				
Project Title	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Moore Siphon Reliability/Restoration Project (WS14)	Yes	C	2012	Planning
Capay Open Space Park (Cache Creek Parkway Plan) (R3)	Yes	PL	2014	Planning
Correll-Rodgers Wetland Project (AR21)	Yes	FD, P, CO	2015	Implementation
Off-Highway Vehicles Access Program & Development of OHV Facility (R22)	Yes	PL	2016	Planning
Clear Lake Operations Evaluation Program (FM24)	Yes	C	2017	Planning
Lower Cache Creek Feasibility Study (FM19)	Yes	F	2017	Planning
Reconciliation of Cache Creek Settling Basin Future Modifications & "Original" South Levee Project (FM14)	Yes	C, PL	2017	Planning
Cache Creek Regional Campground Habitat Enhancement Project (AR18)	Yes	C	2018	Planning
Cache Creek Riparian Habitat Enhancement Program (AR24)	Yes	FD, CO, O	2020	Implementation
Conjunctive Water Use Program (WS16)	Yes	PL, F	2020	Planning/Impl.
Lower Cache Creek Parkway Access Project (Cache Creek Trail Nodes Program) (R29)	Yes	C	2020	Planning
Cache Creek Exotic and Invasive Species Removal Project (AR7)	Yes	CO, O	Ongoing	Implementation
Cache Creek Nature Preserve Improvement Project (R19)	Yes	O	Ongoing	Implementation
Create Flood Management Division or Separate Entity (FM35)	Yes	PL, O	Ongoing	Planning/Impl.
Develop Recreational Opportunities on Public Lands (R22)	Yes	P	Ongoing	Planning
Esparto Water Supply Project (WS4)	Yes	CO, O	Ongoing	Implementation
Madison Wastewater Project	No	CO	Ongoing	Implementation
Madison Water Supply Project (WS5)	Yes	CO, O	Ongoing	Implementation
Dunnigan Integrated Project - Lead Agency: Dunnigan Water District				
Project Title	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Bird Creek Water Storage Project (WS3.3)	Yes	PL	2015	Planning
Buckeye Creek Erosion/ Flood Management Project (FM4)	Yes	PL	2015	Planning
Colusa Basin Drain Water Supply Project (WS22)	Yes	PL	2015	Planning
Dunnigan Hills Storm Drainage Flood Management Project (FM21)	Yes	C	2015	Planning
Oak Creek Water Storage Project (WS3.2)	Yes	PL	2015	Planning
Small Sloughs Revegetation Project (AR25)	Yes	C	2015	Planning
Dunnigan Hills Wastewater Recycling Project (WQ2.2)	Yes	C	2018	Planning
Dunnigan Hills Water Supply Project (WS2)	Yes	PL	2018	Planning
Davis Woodland Water Supply Project - Lead Agency: Woodland-Davis Clean Water Agency				
Project Title	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Davis-Woodland Surface Water Supply Project (WS8)	Yes	PD, P	2016	Implementation
UC Davis Water Conservation Program (WS9)	Yes	CO	2020	Implementation
Putah Creek Integrated Action - Lead Agency: Lower Putah Creek Coordinating Committee				
Project Title	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Putah Creek Bank Stabilization Project (FM1)	Yes	C, F, PD	2015	Planning
Putah Creek Water Quality Improvement	No	C, PL, F	2015	Planning
Putah Creek Fish Passage Project	No	C, F, PD	2018	Planning
Geomorphic Restoration of Putah Creek (AR48)	Yes	C, PL, F	2020	Planning
Mace Boulevard Bridge Improvement Project (FM37)	Yes	C	2020	Planning
Putah Creek Exotic and Invasive Species Removal Project (AR7)	Yes	CO, O	2020	Implementation

2011 Yolo County IRWMP Update
Implementation by 2020 Priority Project List
April 2011 version

Putah Creek Fisheries Habitat Enhancement Project (AR3)	Yes	C,PL, F,PD	2020	Planning
Replace Earthen Crossing of Putah Creek at Route 106A (AR37)	Yes	C, F	2020	Planning
Sacramento River Diversion & Conveyance Project - Lead Agency: Reclamation District 2035				
	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
RD 2035 Sacramento River Diversion and Conveyance Facilities (WS7)	Yes	PD, E	2014	Planning
Sacramento River-West Bank Integrated Action - Lead Agencies: City of West Sacramento, Yolo Co.				
	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Elkhorn Regional Park Improvement Project (R10)	Yes	PL, E	2012	Planning
Sacramento River Joint Source Water Protection Program (WQ11)	Yes	O	2012	Implementation
Bees Lake Preserve (AR51)	Yes	C, E	2015	Planning
Knights Landing Levee Improvement Project (FM5)	Yes	F, E	2016	Planning
Deep Water Ship Channel Navigation Levee Repair (FM41)	Yes	PL, F, PD	2020	Planning
Sacramento Bypass-Yolo Bypass Levee Repair (FM42)	Yes	FD, P, CO	2020	Implementation
Sacramento River Levee Repair (FM40)	Yes	E, FD, P	2020	Implementation
Sacramento River Recreational Trail (R38)	Yes	PD, E	2020	Planning
West Sacramento South Cross Levee Repair (FM43)	Yes	C, PL, PD	2020	Planning
Clarksburg Levee Improvement Project/ Sacramento River Levee Improvement #4 (FM6)	Yes	PL	Ongoing	Planning
Implementation of the Commission's Land Use & Resource Management Plan for the Primary Zone of the Delta (Management Plan) (R37)	Yes	PL	Ongoing	Planning
Main Drain Canal Recreation Corridor (R36)	Yes	O	Ongoing	Implementation
Ongoing Levee Maintenance & Critical Repair Program (FM44)	Yes	P, CO	Ongoing	Implementation
Public Outreach on Flood Risk (FM47)	Yes	O	Ongoing	Implementation
Yolo County Sloughs, Canals & Creeks Management Program - Lead Agency: YCFC&WCD				
	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Agricultural Drains & Sloughs Riparian Habitat Enhancement Program (AR11)	Yes	F, O	Ongoing	Planning
Agricultural/Urban Storm Runoff Assessment Program (WQ4)	Yes	C	Ongoing	Planning
Caltrans Highways Hydraulic Impact Assessment Program (FM11)	Yes	C	Ongoing	Planning
Canal Bank Habitat and Maintenance Program (AR36)	Yes	F	Ongoing	Planning
Chickahominy Slough Riparian Restoration and Levee Setback Project (AR19)	Yes	C	Ongoing	Planning
Cities-County Storm Drainage Criteria Update Program (FM15)	Yes	CO	Ongoing	Implementation
Cottonwood Slough Riparian and Levee Setback Project (AR20)	Yes	O	Ongoing	Implementation
County Roads Hydraulic Capacity Assessment Program (FM12)	Yes	C	Ongoing	Planning
Esparto Storm Drainage Flood Management Project (FM10)	Yes	C	Ongoing	Planning
Madison Storm Drainage Flood Management Project (FM9)	Yes	C	Ongoing	Planning
Non-native, Invasive Plant Species Removal Program (AR30)	Yes	F	Ongoing	Planning
Regional Irrigation/ Tailwater Recovery Systems (WS17)	Yes	C	Ongoing	Planning
Small Sloughs and Creeks Invasive Vegetation Removal Program (FM38)	Yes	C	Ongoing	Planning
Small Sloughs Revegetation Project (AR25)	Yes	F	Ongoing	Planning

2011 Yolo County IRWMP Update
Implementation by 2020 Priority Project List
April 2011 version

South Fork Willow Slough Riparian Restoration & levee Setback Project (AR13)	Yes	C	Ongoing	Planning
Watershed Management Program (FM20)	Yes	C	Ongoing	Planning
Willow Slough Bypass Environmental Enhancement Project (WQ7)	Yes	C	Ongoing	Planning
Willow Slough Levee Improvement Project (FM26)	Yes	C	Ongoing	Planning
YCFWCWD Distribution System Canal Extention Project (WS24)	Yes	C	Ongoing	Planning
Yolo Bypass Integrated Action - Lead Agency: Yolo Basin Foundation				
Project Title	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Yolo Bypass Conceptual Aquatic Restoration Opportunities (AR49)	Yes	PD	Ongoing	Planning/CEQA
Yolo Bypass Mercury Best Management Practices Development Project (WQ16)	Yes	O	Ongoing	Implementation
Yolo Bypass Wildlife Area Ecosystem Restoration Project (AR41)	Yes	O	Ongoing	Implementation
Yolo Bypass Wildlife Area Public Access, Outreach & Interpretation Program (Pacific Flyway Center) (R12)	Yes	O	Ongoing	Implementation
Yolo Bypass Hydraulic Modeling (FM39)	Yes		Ongoing	
Yolo Bypass Working Group Funding (AR47)	Yes	O	Ongoing	Implementation
Foundational Actions - Lead Agencies: Multiple partners				
Project Title	Included in 2007 IRWMP	2010 Project Status	Completion Year Anticipated	Type of Funding Required
Development of HCP/NCCP (FA14)	Yes	PL	2020	Planning
Lower Cache Creek Aerial Photography Project (FA16)	Yes	O	Ongoing	Implementation
SCADA Network Enhancement Program (FA8)	Yes	O	Ongoing	Implementation
Topographic Mapping (LiDAR) Project (FA11)	Yes	O	Ongoing	Implementation
Water Resources Information Database Enhancement Program (FA7)	Yes	O	Ongoing	Implementation
Yolo County Groundwater Modeling Program (FA4)	Yes	O	Ongoing	Implementation
Yolo County Groundwater Monitoring Program (FA1)	Yes	O	Ongoing	Implementation
Yolo County Subsidence Monitoring Program (FA3)	Yes	O	Ongoing	Implementation

* LEGEND for 2010 Project Status
C - Conceptual
F - Feasibility
PL - Planning
P- Permitting
E - Environmental - CEQA/NEPA
PD - Preliminary Design
FD - Final Design
CO - Construction/Implementation
O - Operation

**WRA Project Funds Budget
3-Year Comparison
For Technical Committee Review - 5/5/11**

2011-2012 Project Budget Revenue - DRAFT	Proposed Baseline	Carryover from 2010-11	Total Available
Baseline from membership dues (57%)	99,375		99,375
Special project dues: Yolo County Groundwater Monitoring Program	89,000		89,000
Yolo County IRWMP Update (unexpended in 2010-11)		7,903	7,903
Develop Surface Water Monitoring Program (Foundational Action)		35,000	35,000
Administrative Legislative & Legal Services		18,194	18,194
Revenue totals	\$188,375	\$61,097	\$249,472

2011-12 Project Budget Expenses - DRAFT	Proposed 2011-12	Carryover from 2010-11	Total Available
Westside IRWMP: FY11-12 (5 county MOU cost share amount) ¹	35,000		35,000
Develop Surface Water Monitoring Program (Foundational Action)		35,000	35,000
Administrative Legislative & Legal Services		18,194	18,194
Yolo Bypass Integrated Action (Yolo Basin Foundation)	20,000		20,000
Yolo IRWMP Implementation: Unallocated funds	44,375	7,903	52,278
Special Allocation: Yolo County Groundwater Monitoring Program (YCFWCWD)	89,000		89,000
Expenditure totals	\$188,375	\$61,097	\$249,472

1 - This is a 2-year commitment. An additional \$35,000 is committed for FY 2012-13

Total Revenue from Membership contributions expected 2011-12	\$174,345.00
Administrative - 43%	74,968.35
Projects - 57%	99,376.65

**WRA Project Funds Budget
3-Year Comparison
For Technical Committee Review - 5/5/11**

2010-2011 Project Budget Revenue	Baseline	Carryover 2009-10	Total Available
Baseline from membership dues (57%)	99,345		99,345
Special project dues: Yolo County Groundwater Monitoring Program	89,000		89,000
Westside IRWMP (5 county MOU cost share amount)	40,000		40,000
Revenue totals	\$228,345	\$0	\$228,345

2010-2011 Project Budgeted Expenses	Adopted 2010-11	Invoiced as of 4/1/11	FY End Estimate
Foundational Action: Develop Surface Water Monitoring Program ¹	35,000	0	35,000
Yolo Bypass Integrated Action - IRWMP (Yolo Basin Foundation)	20,000	14,100	0
Yolo County IRWMP Update	13,572	5,669	7,903
Administrative Legislative & Legal Services	18,194	0	18,194
Special Allocation: Yolo County Groundwater Monitoring Program (YCFCWCD)	89,000	89,000	0
Westside IRWMP/Prop 84 (WRA cost share amount is \$11,428) ²	40,000	34,752	5,249
Expenditure totals	\$215,766	\$143,521	\$66,346

1 - \$35,000 also planned for allocation in FY 2011-12

2 - Westside funds allocated in FY 2010-11 were not fully expended. This amount will be returned to each of the Westside MOU partners proportionate to their original contribution percentage.

**WRA Project Funds Budget
3-Year Comparison
For Technical Committee Review - 5/5/11**

2009-2010 Project Budget Revenue	Income 2009-10	Carryover 2008-09	Total Available
Baseline from membership dues (60%)	104,541		104,541
Special project dues: Yolo County Groundwater Monitoring Program	89,000		89,000
SCWA contribution - Westside IRWMP Prop 84 Planning Grant ²		12,667	12,667
IRWMP Prop 50 grant funds not expended (reimbursed by YCFCWCD)		40,884	40,884
2008-09 Project funds not used by 6/30/09 ^A		32,897	32,897
Revenue totals	\$193,541	\$86,448	\$279,989

2009-2010 Project Budgeted Expenses	Adopted 2009 2010	Actual 2009-2010	Balance
Cache Creek Library (2008-09 Project Funds) ¹	13,000	13,000	0
Correll-Rodgers Project (2008-09 Project Funds) ¹	11,650	11,650	0
IRWMP Funding Prop 84 (2008-09 Project Funds - \$8,247) ^{1,2}	20,900	20,838	62
DWWSP Regional Pipeline Pre-design (Davis/Woodland/UCD)	30,000	30,000	0
Sacramento River Intake/Fish Screen Project (RD2035)	35,000	35,000	0
Correll-Rodgers Wetlands Enhancement (Yolo County)	35,000	35,000	0
Yolo Bypass Integrated Action - IRWMP (Yolo Basin Foundation)	22,500	22,490	10
Yolo Co. Groundwater Monitoring Prog. Intern (YCFCWCD)	9,000	9,000	0
Native Plant Nursery Project (Lower Putah Creek Coord. Comm)	10,000	9,871	129
Yolo County Subsidence Monitoring Program	6,150	6,150	0
Special Allocation: Yolo County Groundwater Monitoring Program (YCFCWCD)	89,000	89,000	0
Expenditure totals	\$282,200	\$281,999	\$201

1 - \$32,897 = \$13,000 + \$11,650 + \$8,267

2 - \$20,900 = \$8,247 + \$12,667