

**Yolo County IRWMP Update 2011  
MASTER LIST of ACTIONS**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF		
	Integrated Action	Component Actions	IRWMP ACTION #	2007 Project Status *	Concept	Planning	Feasibility	Preliminary Design	Environmental - CEQA/NEPA	Final Design	Permitting	Construction Bidding	Construction/Implementation	Operation	Completion Year Anticipated	Project Costs	Agency	Notes	Deleted/Modified	Explanation of Multi-Regional Characteristics	Other Notes	One-time Accomplishments	Programmatic Accomplishments	Milestone Accomplishments	No Activity	Deleted or Modified Action	Action Implemented before 2020	Action Implemented after 2020	Eligible for Prop 84 Implementation Grant	Multi-Regional Project	New Projects		
1	Cache Creek	Putah Creek and Cache Creek Exotic and Invasive Species Removal Project	AR07	P											2020		LPCCC, Yolo Parks	Tamarisk and Arundo have been removed from the majority of the CCRMP, improving flood conveyance and recruitment of native riparian species.		Also in Putah Creek Integrated Actions				Y		Y	Y	Y	Y				
2	Cache Creek	Cache Creek-Yolo Bypass Anadromous Fish Passage Project	AR08														Tuleyome	merge with AR46, remove AR46	M	call Bob					Y	Y							
3	Cache Creek	Cache Creek Regional Campground Habitat Enhancement Project	AR18		•										2018		YCFC&WCD, Yolo County, and City of Woodland			Per Cindy				Y		Y		N	Y				
4	Cache Creek	Correll-Rodgers Wetland Project	AR21	PD						X	•	•	•		2015		YCFC&WCD, Yolo County, and City of Woodland	Final Design has been completed and the first 2 phases of construction have been completed. Permitting for Phase 3 is currently being undertaken.						Y		Y							
5	Cache Creek	Grube-Payne Restoration Project	AR22														YCFC&WCD, Yolo County, and City of Woodland	A very large portion was completed in 2006, including grading & drainage to alleviate the erosion along and sediment dropping into Cache Creek		Cindy said ask Tim, completed?				Y									
6	Cache Creek	Cache Creek Riparian Habitat Enhancement Program	AR24	PI					X		•	•	•		2020	\$30,000 for restoration of an 8 acre site (4 acres are complete); \$1 million total spent on riparian work since 2007 (mostly removal of noxious weeds but also some revegetation)	Yolo County (CCRMP), Cache Creek Conservancy	County and CCC has done some work. Over the last 6 years, the CCC has done invasive species removal (tamarisk and arundo) from Capay Dam to I-5 at Yolo; 90% control has been achieved. Project is mostly in a maintenance mode. Yolo RCD is doing a similar program upstream. Since 2007 have been working on an 8 ac site. 4 acres are complete through grant funding (\$22.5k grant; \$30k total project cost); also doing work on Yocha Dehe Wintun Nation tribal owned lands upstream of Capay dam - invasive plant removal and reveg; just getting underway (\$400k project cost - \$200k grant and \$200k tribal match ) and will be complete in Spring 2013.		Project includes Cache Creek watershed forum which is comprised of entities in Lake, Colusa, and Yolo Counties, such as BLM, County RCDs, Sierra Club, CCC, etc. as steering committee for the project. CC Forum also works on watershed-wide issues and does Cache Creek watershed discovery day which benefits public from multiple regions	per Lynnel Pollock/CCC & Kevin Schwartz, YC	Y			Y	Y		N	Y				
7	Cache Creek	Cache Creek Anadromous Fish Reintroduction/ Introduction Study	AR46														Tuleyome	merge with AR8, remove AR46	D	call Bob					Y	Y							
8	Cache Creek	Huff's Corner Levee Repair Project	FM13	PL								X			2008		Yolo County	FEMA/State Funding Reimbursement Pending, constructed & completed pending xfer to State responsibility		per Cindy		Y											
9	Cache Creek	Reconciliation of Cache Creek Settling Basin Future Modifications & "Original" South Levee Project	FM14	C	X	•									2017		YCFC&WCD									Y							
10	Cache Creek	Bear Creek Detention Basin Project	FM16	C	•										on hold		YCFC&WCD	project is tabled							Y								
11	Cache Creek	Cache Creek Off-Channel Detention Basin Projects	FM18	C	•										on hold		YCFC&WCD	project is tabled							Y								
12	Cache Creek	Woodland Area Flood Management Project (aka Feasibility Study per Fran)	FM19	PL		•									2017		YCFC&WCD, Yolo County, and City of Woodland	Flood SAFE Yolo - pilot program; eliminate FM19 as it is redundant with FM35 (Fran said this is not redundant. This is the LCC Feasibility Study, cost share with USACE, CVFPB & Locals. Work Begins April 2012	M					Y	Y								
13	Cache Creek	Flood Emergency Preparedness & Hazard Classification Program	FM22	C	•										?		YCFC&WCD, Yolo County, and City of Woodland	County worked with cities on a multi-jurisdictional hazards mitigation plan in 2004 and County is updating this plan now. No real action on the broad intent of this project		Ask Mark Cocke & Bill Martin				Y					Y				
14	Cache Creek	Clear Lake Operations Evaluation Program	FM24	C	•										2017		YCFC&WCD, Yolo County, and City of Woodland	Same as Clear Lake Upstream Storage Project (WS20); FM24 and WS20 should be merged and eliminate WS20	M	involves both Lake and Yolo Counties					Y	Y	Y		N	Y			
15	Cache Creek	Create Flood Management Division or Separate Entity (aka countywide entity)	FM35	P,O		X							X		Ongoing		YCFC&WCD, Yolo County, and City of Woodland	FloodSAFE Yolo - pilot program, eliminate FM19 as it is redundant. Also under Sloughs, Canals, Creek Integrated Actions. Not redundant per Fran, intended to be the Countywide flood entity created after Feasibility Study complete and determination of funding source (i.e. EIP proposal for assessment fees)			Y				Y	Y		N	Y				
16	Cache Creek	Cache Creek Corridor Plan	New		X										2032		Yolo County	Project comes directly from CCRMP Objective 5.3-1 (Create a continuous corridor of natural open space along the creek and provide for limited access, at specific locations, to recreational and educational uses.)													Y		
17	Cache Creek	Madison Wastewater Project	New										•		Ongoing		Yolo County, Madison CSD	A \$400,000 pond expansion was completed in 2007 (funded by CDBG), but still need to rehabilitate wastewater processing equipment (About \$100k)								Y						Y	



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37	Dunnigan	Small Sloughs Revegetation Project	AR25	C	•										2015		DWD	Discuss with the Colusa Basin Watershed Planning on Buckeye Creek erosion and the need for vegetation to restore creek bank.							Y	Y					
38	Dunnigan	Buckeye Creek Erosion/ Flood Management Project	FM04	C		X									2015		DWD										Y				
39	Dunnigan	Dunnigan Hills Storm Drainage Flood Management Project	FM21	C	•										2015		DWD								Y	Y					
40	Dunnigan	Dunnigan Hills Wastewater Recycling Project	WQ02.2	C	•										2018		DWD								Y	Y					
41	Dunnigan	Dunnigan Hills Water Supply Project	WS02	C		X									2018		DWD										Y				
42	Dunnigan	Oak Creek Water Storage Project	WS03.2	C		X									2015		DWD										Y				
43	Dunnigan	Bird Creek Water Storage Project	WS03.3	C		X									2015		DWD										Y				
44	Dunnigan	Colusa Basin Drain Water Supply Project	WS22	C		X									2015		DWD										Y				
45	DWWSWP	Sacramento River Water Testing Program	WQ13	PI										•	2011	\$310,000	WDCWA	Began Title 22 water sampling program in August 2009, will be continued through July 2011. \$310,000 is the anticipated total cost for the program		Although program is being conducted for the WDCWA, results will be shared with other agencies through the Sacramento River Sanitary Survey		Y		Y			Y		Y	Y	
46	DWWSWP	Sacramento River Diversion and Conveyance Facilities	WS07	E				•			•				2016	\$20-\$35m. For intake, \$33 m. for raw water pipelines	WDCWA	Completed survey activities, resolved environmental pipeline alignment issues with DFG, coordinating with Sierra Railway for potential joint right-of-way on pipelines		Also in RD 2035 Sac River Diversion & Conveyance Project				Y			Y		Y		
47	DWWSWP	Davis-Woodland Surface Water Supply Project	WS08	E				•			•				2016	\$325 million	WDCWA	Final EIR approved in 2007; Woodland-Davis Clean Water Agency formed in 2009		Project will supply water to both Davis, Woodland, and UC Davis.				Y			Y		Y	Y	
48	DWWSWP	UC Davis Water Conservation Program	WS09	C									•		2020		City of Davis, City of Woodland, UCD			ask Sid		Y		Y			Y		Y		
49	DWWSWP	City of Woodland Water Meter Retrofit Program	WS12	PD									•	•	2012	\$20 million (total for both phases)	City of Woodland	Completed Water Meter Implementation Plan, completed the installation of Phase 1 meters (roughly 1/3 the City) in 2009, awarded Phase 2 construction contract for installation of all remaining water meters in the city by 2011				Y		Y			Y		Y		
50	DWWSWP	Comprehensive Conjunctive Water Use Program	WS16	PI, F		X	X								2020		WDCWA and YCFC&WCD										Y				
51	DWWSWP	Comprehensive Conjunctive Water Use Program	WS16	PI, F		X	X								2020		WDCWA, YCFC&WCD			Includes storage of surface water in Lake County, recharge and pumping of groundwater in Yolo County, and use of Sacramento River water							Y		N	Y	
52	Foundational	Yolo County Groundwater Monitoring Program	FA01	O										•	Ongoing	\$379,000	YCFC&WCD	GW Monitoring Annual Report - \$379,000 (from 2009 Budget Report) is the annual cost - includes in-kind contributions						Y			Y		Y		
53	Foundational	Dunnigan Area Groundwater Monitoring Enhancement Program	FA01.1	C		X									2011	\$250,000	Dunnigan Water District	Received funding from DWR on project, selected sites for well monitoring and finalized permitting process. - The completion date for the DWR funded effort is October 2011.						Y			Y		Y		
54	Foundational	UC Davis Groundwater Enhancement Program	FA01.2	C		X										\$10,000	UC Davis	Water quality monitoring has been conducted as part of the 2007 AB303 Regional Conjunctive Use Study grant - funded in part through AB303 grant, includes local agency cost-share/in-kind contribution						Y					Y		
55	Foundational	City of Woodland Groundwater Enhancement Program	FA01.3	C		X										\$80,000	City of Woodland	Water quality monitoring has been conducted as part of the 2007 AB303 Regional Conjunctive Use Study grant - funded in part through AB303 grant, includes local agency cost-share/in-kind contribution						Y					Y		
56	Foundational	Yolo County Surface Water Monitoring Program	FA02	C													YCFC&WCD			ask Jacques			Y								
57	Foundational	Yolo County Subsidence Monitoring Program	FA03	O										•	Ongoing	\$74,000	City of Davis	Subsidence 2008 project - DWR covered the costs for this effort, the \$74,000 does not include in-kind contributions from local agencies						Y			Y		Y		
58	Foundational	Yolo County Groundwater Modeling Program	FA04	O										•	Ongoing	\$62,000	YCFC&WCD	Groundwater modeling has been initiated as part of the 2007 AB303 Regional Conjunctive Use Study grant - funded in part through AB303 grant, includes local agency cost-share/in-kind contribution						Y			Y		Y		
59	Foundational	City of Davis/UC Davis Groundwater Model Enhancement Program	FA04.1	PI						X							City of Davis and UC Davis			ask Jacques			Y							Y	
60	Foundational	City of Woodland Groundwater Model Enhancement Program	FA04.2														City of Woodland			ask Ken/Jacques			Y							Y	
61	Foundational	Aquatic Habitat and Fish Opportunity Assessment	FA06	C									X		2008, further studies on hold	\$19,000	YCFC&WCD	Project Cost is for 2007-2008 expenses for the Cache Creek Fisheries Report by Stillwater Sciences. The study period was in 2008 and a final report was published. There are more assessment studies that may be conducted, however, none are currently planned.						Y					Y		

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62	Foundational	Water Resources Information Database Enhancement Program	FA07	CO												\$90,000	YCFC&WCD	Web interface development and cooperater training completed. Automated calculation of water level BMO, output to DWR data format, and State Well Number format clean-up completed. - budget is combined with GW monitoring				Y					Y	Y				
63	Foundational	SCADA Network Enhancement Program	FA08	P, O													YCFC&WCD										Y	Y				
64	Foundational	Topographic Mapping (LIDAR) Project	FA11													\$136,638	Yolo County	as of May 1, 2010 the 2010 aerial survey is: Ground Control Survey 90% complete, Aerial Photography Acquisition 85% complete, LiDAR Data Acquisition 80% complete				Y					Y	Y				
65	Foundational	Development of HCP/NCCP	FA14	PI													Yolo County Habitat/NCCP JPA	planning process is still underway, anticipate plan adoption in 2011, implementation phase will begin after plan adoption, 45 year planning horizon, costs to implement the plan are unknown				Y						Y				
66	Foundational	Lower Cache Creek Aerial Photography Project	FA16	O												2007: \$18,000, 2008: \$0 2010: \$136,638	Yolo County	Data was collected in 2007, 2008 and 2010. - Aerials for Lower Cache Creek have been taken on an annual basis from 1996-2007. We also have collected data from 2008 and 2010 and will be collecting them annually as required by the CCRMP/CCIP.		ask Warren		Y				Y	Y					
67	Putah Creek	Russell Ranch Riparian and Grassland Habitat Restoration Project	AR02	CO												\$1,075,000	LPCCC, UCD												Y			
68	Putah Creek	Putah Creek Fisheries Habitat Enhancement Project	AR03	PD	X	X	X										LPCCC			Project would improve regional fish stocks by introducing more diversity of habitat including large woody debris, in-stream boulders and SRA cover.	ask Rich				Y		Y	Y	Y			
69	Putah Creek	UC Davis Confined Animals Relocation Project	AR04	PD												\$470,000	LPCCC, UCD			waiting for response by Andrew Fulks at UCD				Y					Y			
70	Putah Creek	Putah Creek Recreational Facilities Restoration and Expansion Project	AR05	PD													LPCCC, Yolo Parks	Tamarisk and Arundo have been removed from the majority of the CCRMP, improving flood conveyance and recruitment of native riparian species.			Per Cindy			Y			Y	Y	Y	Y		
71	Putah Creek	Putah Creek and Cache Creek Exotic and Invasive Species Removal Project	AR07	P													LPCCC, Yolo Parks	Tamarisk and Arundo have been removed from the majority of the CCRMP, improving flood conveyance and recruitment of native riparian species.		Also in Cache Creek Integrated Actions						Y	Y	Y	Y			
72	Putah Creek	Putah Creek Spawning Grounds Improvement Project	AR34	C	X												LPCCC			Project would enhance regional populations of salmon by supplying gravel for spawning.	ask Rich				Y		Y	N	Y			
73	Putah Creek	Replace Earthen Crossing of Putah Creek at Route 106A	AR37	F	X												LPCCC								Y		Y					
74	Putah Creek	Removal of Winters Percolation Dam	AR38	FD												\$452,000	LPCCC	Removal Completed													Y	
75	Putah Creek	Increase Width of Riparian Corridor of Lower Putah Creek	AR39	C	X												LPCCC			Project would improve the wildlife migration corridor and add wildlife habitat by increasing the width of riparian vegetation toward the centerline of the creek by filling in over-widened reaches and replacing open water with floodplain habitat.	ask Rich				Y		Y	N	Y			
76	Putah Creek	South Fork Preserve Riparian and Grassland Restoration Project	AR45	O	X												LPCCC			Project improves the wildlife migration corridor, increases riparian width, provides 80 acres of new habitat and serves as a regional demonstration of riparian habitat restoration.		Y						Y	Y			
77	Putah Creek	Geomorph Restoration of Putah Creek	AR48	F	X	X											LPCCC								Y		Y		Y			
78	Putah Creek	Putah Creek Bank Stabilization Project	FM01	PD	X	X											LPCCC								Y		Y	Y				
79	Putah Creek	City of Winters Storm Drainage Diversion to Putah Creek Project	FM02	C	X												LPCCC, City of Winters								Y							
80	Putah Creek	City of Winters Storm Drainage Diversion to Putah Creek Project	FM03	C													LPCCC			Diverts storm water from Willow Slough (WS) drainage to Putah Creek (PC). WS drainage includes stormwater from the Cities of Davis and Woodland and because it has more impermeable surfaces it drains more rapidly into the Yolo Bypass than PC. WS has no salmon habitat and the earlier drainage results in some stranding of salmon that could have spawned in PC. The diversion may help balance stormwater flows btwn the drainages and benefit salmon.	ask Rich							Y				
81	Putah Creek	Putah Diversion Dam Vegetation Removal Project	FM36	CO												\$75,000	LPCCC	grading has been finished									Y	Y	Y	Y		
82	Putah Creek	Mace Boulevard Bridge Improvement Project	FM37	C	X												LPCCC									Y	Y					
83	Putah Creek	Cold Canyon Headwaters Acquisition	New													\$45,000	Tuleyome										Y					Y
84	Putah Creek	Putah Creek Floodplain Habitat Improvement Program	New	PD									X			\$987,000	LPCCC	Winters Putah Creek Park Channel Realignment Phase 1 funded			Project increases regional floodplain habitat by filling in excess open water, lowering water temperatures by providing more shade over the water and reducing warming effect of pools.	ask Rich			Y			Y	Y	Y	Y	
85	Putah Creek	Putah Creek Fish Passage Project	New	PD	X	X											LPCCC			Project would allow salmon to migrate into Putah Creek as early as August, reduce regional stranding of fish in the Yolo Bypass, improve survival of salmon by allowing earlier out-migration during peak runoff events.	ask Rich			Y		Y	Y	Y	Y	Y		

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86	Putah Creek	Putah Creek Water Quality Improvement	New	F	X	X	X								2015		LPCCC	The LPCCC won a Prop 50 grant to begin stabilizing the banks of the Pleasants Creek tributary - to address the most significant source of sediment loading in Lower Putah Creek.									Y					Y	
87	Putah Creek	Putah Creek Fishing Access Project	R11	C, E											2010	?	Yolo Parks, LPCCC	The trails, restrooms, environmental viewing and picnic areas are complete. We are currently finishing up the last remaining construction items.		response provided by Jen Santos at County				Y		Y		Y					
88	Putah Creek	Putah Creek Trails Program	R14	PD											2009	\$5,000	LPCCC	Trails installed						Y					Y	Y			
89	Putah Creek	Levee Public Access Improvements Project	R32	PD											2007	\$60,000	LPCCC	Parking area created at Old Davis Road						Y						Y			
90	Putah Creek	Willow Slough / University Canal Rerouting Project	WS26	PD											2009		LPCCC, UCD				Y		Y										
91	RD 108	Groundwater Characterization Study	New										X		2009		RD108	completed in 2009		added by Kathryn Chandler from RD109											Y		
92	RD 108	Mid-Valley Area Levee Reconstruction Project	New							X							Knights Landing Ridge Drainage District	possibly the same as the "Knights Landing Levee Repair"; other agencies involved include County and the Army Corps		added by Kathryn Chandler from RD108												Y	
93	RD 2035 Sac River Diversion and Conveyance	RD 2035 Sacramento River Diversion and Conveyance Facilities	WS07	PL											2014		RD2035	Completed survey activities, resolved environmental pipeline alignment issues with DFG, coordinating with Sierra Railway for potential joint right-of-way on pipelines		Also in DWWSP				Y		Y		Y					
94	Sac River West Bank	Sacramento River Habitat - Friendly Levee Improvement Program	AR16	No action													Yolo County	This action is listed in Section 5 Tables (pages 5-38 to 5-79), but seems to have been consolidated or deleted. Not part of Sacramento River West Bank Integrated Project or action plan		ask County if this project should be deleted					Y								
95	Sac River West Bank	Clarksburg Boat Ramp Habitat Enhancement Program	AR17														Yolo County	Should be deleted in lieu of R30. Project done at time when did boat ramp enhancement per Ray Groom	D		Per Cindy				Y	Y							
96	Sac River West Bank	Sacramento River Habitat Enhancement Study	AR26		X												Yolo County	In partnership with flood control agencies and as part of other habitat enhancement efforts Yolo County will pursue fish habitat enhancement projects			Per Cindy & Petrea				Y				N	Y			
97	Sac River West Bank	Sacramento River Enhancement Actions	AR50	No action													Yolo County, City of West Sac			geographic extent					Y					Y			
98	Sac River West Bank	Bees Lake Preserve	AR51		X				X						2015		Yolo County, City of West Sac	May become part of West Sacramento Levee Improvement Program implementation								Y				Y			
99	Sac River West Bank	Merritt Island Enhancement Project	AR52		X												Yolo County	Study the infrastructure and habitat of Elk Slough Levee on Merritt Island (in RD150) to find a means to improve its structural integrity while maintaining the well-established habitat. Yolo County will contact RD150			Per Cindy & Petra			Y									
100	Sac River West Bank	Knights Landing Levee Improvement Project	FM05				X		X								Yolo County	RD 108 Mid-Valley Project		RD 108 Mid-Valley Project							Y		Y				
101	Sac River West Bank	Clarksburg Levee Improvement Project/ Sacramento River Levee Improvement #4	FM06														Yolo County	RD 307 estimates that they need to repair erosion sites on 6,500 linear feet within 6.6 miles of levees that help protect Clarksburg and the Sacramento Regional Sanitation District's Northwest Interceptor Project. RD 307 will receive partial funding from DWR's Delta levee Maintenance Subventions Program FY 2010-11			Per Cindy & Petrea			Y	Y								
102	Sac River West Bank	Sacramento River West Bank Levee Integrity Program	FM07		X												Yolo County	Underseepage studies of 75-80 miles of Sacramento River Levees, as well as, needed improvements identified by studies			Per Cindy & Petrea				Y								
103	Sac River West Bank	Knights Landing Storm Drainage/Flood Management Project	FM08														Yolo County	This action is listed in Section 5 Tables (pages 5-38 to 5-79), but seems to have been consolidated or deleted. West Sac is not a sponsor agency							Y								
104	Sac River West Bank	Sacramento River Levee Rehabilitation Project (RM56, 56.7, 57, 55.8 and RM53.5 RD 900)	FM25	ongoing													Yolo County, City of West Sac	consolidate with FM44; delete FM25 as it is redundant with FM44	D							Y							
105	Sac River West Bank	Funding for the Flood Management Division of DWR	FM27														Yolo County, City of West Sac	Not carried forward (see page 7-67)	D							Y							
106	Sac River West Bank	Sacramento River Levee Rehabilitation Project (RM 69.9 RD 27)	FM28														Yolo County, City of West Sac	Not carried forward (see page 7-67)	D							Y							
107	Sac River West Bank	Sacramento River Levee Rehabilitation Project (Merritt Island)	FM30														Yolo County	West Sac is not a sponsor agency			Cindy will ask Petrea				Y								
108	Sac River West Bank	Sutter Bypass Vegetation Removal	FM32														Yolo County, City of West Sac	Not carried forward (see page 7-67)	D							Y							
109	Sac River West Bank	Yolo & Tisdale Bypasses Sediment Removal Program	FM33														Yolo County, City of West Sac	Not carried forward by listed agencies (see page IRWMP 7-67), also in Yolo Bypass Integrated Project with activity	D							Y							



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134	Sac River West Bank	Sacramento River Water Facilities Review Program	WQ10				X										Yolo County, City of West Sac	This action is listed in Section 5 Tables (pages 5-38 to 5-79), but seems to have been consolidated or deleted.	D	As described on page 5-53 of the IRWMP, this is a countywide action on activities within the Sacramento River watershed.										N	Y
135	Sac River West Bank	Sacramento River Joint Source Water Protection Program	WQ11											Deferred	\$20,000 annually	Yolo County, City of West Sac	Project eliminated due to lack of funding. Possibly resume in 2012		This action involves coordination between jurisdictions whose source of drinking water is the Sacramento River and whose discharge actions affect drinking water quality.		Y					Y			Y	Y	
136	Sac River West Bank	Sacramento River Storm Water Sources Monitoring Program	WQ17										X	2010	\$8,000 annually	Yolo County, City of West Sac	Project ongoing as part of a larger storm water protection plan		This action involves coordination between jurisdictions whose source of drinking water is the Sacramento River and whose discharge actions affect drinking water quality.		Y					Y			Y	Y	
137	Sac River West Bank	Linden Road Water Intake Plant Replacement	WS27	No action										Deferred/2014		City of West Sac								Y							
138	Sac River West Bank	West Sacramento Reclaimed Water Use Standards	WS28											Standards in use now		Yolo County, City of West Sac									Y						
139	Sloughs, Canals, and Creeks	Environmental Enhancement of Waterways Project	AR06													YFCF&WCD	Stefan said AR6 is missing from 2007 IRWMP Table 5-5		ask Stefan						Y	Y			N	Y	
140	Sloughs, Canals, and Creeks	Sloughs and Waterways Environmental Enhancement Project	AR09													YFCF&WCD	Stefan said AR9 is missing from 2007 IRWMP Table 5-5		ask Stefan						Y	Y				Y	
141	Sloughs, Canals, and Creeks	Agricultural Drains and Sloughs Riparian Habitat Enhancement Program	AR11	C, F, O	X		X									YFCF&WCD	C-F-O	M	get info from Stefan		Y				Y			Y	Y		
142	Sloughs, Canals, and Creeks	South Fork Willow Slough Riparian Restoration and Levee Setback Project	AR13	C	X											YFCF&WCD	C	M	get info from Stefan	ask Stefan					Y			N	Y		
143	Sloughs, Canals, and Creeks	Willow Slough Habitat Enhancement Program	AR14	C	X											YFCF&WCD	C	M	get info from Stefan	ask Stefan					Y			N	Y		
144	Sloughs, Canals, and Creeks	Chickahominy Slough Riparian Restoration and Levee Setback Project	AR19	C	X											YFCF&WCD	C	M	get info from Stefan						Y			N	Y		
145	Sloughs, Canals, and Creeks	Cottonwood Slough Riparian and Levee Setback Project	AR20	O												YFCF&WCD	O		ask Stefan	ask Stefan	Y				Y			Y	Y		
146	Sloughs, Canals, and Creeks	Small Sloughs Revegetation Project	AR25	F			X									YFCF&WCD	F	M	get info from Stefan	ask Stefan					Y			N	Y		
147	Sloughs, Canals, and Creeks	Non-native, Invasive Plant Species Removal Program	AR30	F, O			X									YFCF&WCD	F-O	M	get info from Stefan	ask Stefan	Y				Y			Y	Y		
148	Sloughs, Canals, and Creeks	Canal Bank Habitat and Maintenance Program	AR36				X									YFCF&WCD	F-O	M	get info from Stefan	ask Stefan	Y				Y			Y	Y		
149	Sloughs, Canals, and Creeks	Madison Storm Drainage Flood Management Project	FM09	C												YFCF&WCD		M	get info from Stefan						Y						
150	Sloughs, Canals, and Creeks	Esparto Storm Drainage Flood Management Project	FM10	C												YFCF&WCD		M	get info from Stefan						Y						
151	Sloughs, Canals, and Creeks	Caltrans Highways Hydraulic Impact Assessment Program	FM11	C	X											YFCF&WCD		M	get info from Stefan						Y			N	Y		
152	Sloughs, Canals, and Creeks	County Roads Hydraulic Capacity Assessment Program	FM12	C	X											YFCF&WCD		M	get info from Stefan						Y			N	Y		
153	Sloughs, Canals, and Creeks	Cities-County Storm Drainage Criteria Update Program	FM15	CO												YFCF&WCD	CO		ask Stefan		Y				Y			Y	Y		
154	Sloughs, Canals, and Creeks	Watershed Management Program	FM20	C	X											YFCF&WCD	C		get info from Stefan						Y			N	Y		
155	Sloughs, Canals, and Creeks	Willow Slough Levee Improvement Project	FM26	C	X											YFCF&WCD	C	M	get info from Stefan						Y			N	Y		

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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	
1	Integrated Action	Component Actions	IRWMP ACTION #	2007 Project Status *	Concept	Planning	Feasibility	Preliminary Design	Environmental - CEQA/NEPA	Final Design	Permitting	Construction Bidding	Construction/Implementation	Operation	Completion Year Anticipated	Project Costs	Agency	Notes	Deleted/Modified	Explanation of Multi-Regional Characteristics	Other Notes	One-time Accomplishments	Programmatic Accomplishments	Milestone Accomplishments	No Activity	Deleted or Modified Action	Action Implemented before 2020	Action Implemented after 2020	Eligible for Prop 84 Implementation Grant	Multi-Regional Project	New Projects	
156	Sloughs, Canals, and Creeks	Creation of Flood Management Division or Entity	FM35	P.O		X								X	Ongoing		YFCF&WCD, Yolo County, and City of Woodland	FloodSAFE Yolo - pilot program, eliminate FM19 as it is redundant. Also under Cache Creek Flood Management Integrated Actions	M			Y				Y	Y			Y		
157	Sloughs, Canals, and Creeks	Small Sloughs and Creeks Invasive Vegetation Removal Program	FM38	C, O	X												YFCF&WCD	C-O	M	get info from Stefan		Y				Y			Y	Y		
158	Sloughs, Canals, and Creeks	Formulate and Implement a Comprehensive Plan to Address the Management of Storm Runoff From Agricultural and Urban Land	New	C													YFCF&WCD	Prerequisite Project 8	M	ask Stefan	ask Stefan				Y	Y			N	Y	Y	
159	Sloughs, Canals, and Creeks	Formulate and Implement a Comprehensive Storm Water Management Plan for Willow Slough, Dry Slough, and Cottonwood Slough	New	C													YFCF&WCD	Prerequisite Project 6	M	ask Stefan	ask Stefan				Y	Y			N	Y	Y	
160	Sloughs, Canals, and Creeks	Initiate Discussions With Caltrans Regarding the Adequacy and Impacts Associated With Interstate and State Highways in Yolo County	New	C													YFCF&WCD	Prerequisite Project 7	M	ask Stefan	ask Stefan				Y	Y			N	Y	Y	
161	Sloughs, Canals, and Creeks	Perform an Opportunities-Constraints Assessment	New	C													YFCF&WCD	Prerequisite Project 4 - Split assesment into 3 parts to take advantage of allied efforts: 1- flooding, coordinate with DWR floodSafe, 2-wildlife, coordinate with Natural Heritage Program 3-water quality, remove from this prerequisite and coordinate among current initiatives, carefully defining purpose and needs.	M	ask Stefan	ask Stefan				Y	Y			N	Y	Y	
162	Sloughs, Canals, and Creeks	Update Hydrologic Model for Willow Slough Watershed	New	P													YFCF&WCD	Prerequisite Project 3	M	ask Stefan	ask Stefan				Y	Y			N	Y	Y	
163	Sloughs, Canals, and Creeks	Develop Storm Drainage Master Plans for the Unincorporated Communities in the County Including Esparto, Madison, and Knights Landing	New	C													YFCF&WCD	Prerequisite Project 5		ask Stefan					Y	Y			N		Y	
164	Sloughs, Canals, and Creeks	Establish Yolo County Watershed Coordinating Committee	New	C													YFCF&WCD	Prerequisite Project 1		ask Stefan	ask Stefan				Y	Y			N	Y	Y	
165	Sloughs, Canals, and Creeks	Update and Develop County-City Drainage Criteria	New	CO													YFCF&WCD	Prerequisite Project 2		ask Stefan	ask Stefan				Y	Y			N	Y	Y	
166	Sloughs, Canals, and Creeks	Agricultural/Urban Storm Runoff Assessment Program	WQ04	C	X												YFCF&WCD	Condense these 10 actions into two strategies to provide flood modeling and flood and stormwater management for creeks, canals, and sloughs beginning with the Willow Slough/Dry Slough watershed. Add capital project place holders (until details can be developed) for the specific locations named in these actions.	M	get info from Stefan									Y		Y	
167	Sloughs, Canals, and Creeks	Willow Slough Bypass Environmental Enhancement Project	WQ07	C													YFCF&WCD	C	M	get info from Stefan						Y						
168	Sloughs, Canals, and Creeks	Ag Waiver Program	WQ14	O													YFCF&WCD			get info from Stefan		Y				Y			Y	Y		
169	Sloughs, Canals, and Creeks	Demonstration Farm Project	WQ15														YFCF&WCD	erroneously numbered WS 27 in one section of IRWMP		get info from Stefan					Y	Y			Y	Y		
170	Sloughs, Canals, and Creeks	Regional Irrigation/ Tailwater Recovery Systems	WS17	F, C	X		X										YFCF&WCD	C, F		get info from Stefan						Y				Y		
171	Sloughs, Canals, and Creeks	YFCF&WCD Distribution System Canal Extensions	WS24	C, F	X		X										YFCF&WCD	C-F		get info from Stefan						Y				Y		
172	Sloughs, Canals, and Creeks	Willow Slough / University Canal Rerouting Project	WS26	PD													YFCF&WCD					Y		Y								
173	Yolo Bypass	Yolo Bypass Wildlife Area Ecosystem Restoration Project	AR41	P.O													Yolo Basin Foundation	Approximately 5,000 acres have been restored									Y		Y	Y	Y	
174	Yolo Bypass	Yolo Bypass Working Group Funding	AR47	O													Yolo Basin Foundation	Yolo Bypass Working Group continues to meet. Delta Conservancy participation has raised the profile of the Yolo Bypass in the Delta process. Strengthened stakeholder partnerships.									Y		Y	Y	Y	
175	Yolo Bypass	Yolo Bypass Conceptual Aquatic Restoration Opportunities	AR49	C				X									Yolo Basin Foundation	California Waterfowl Association submitted a proposal to NOAA to include re-alignment of Putah Creek with their NAWCA funding to accomplish this fisheries goal while also working on AR 49. Stimulus money was not awarded but they are continuing in their request for money.	M	Part of BDCP and Salmon BO						Y	Y		Y	Y		
176	Yolo Bypass	Yolo Bypass 2-D Hydraulic Modeling Project	FM03	P													Yolo Basin Foundation	Model is complete and operational	M			Y				Y					Y	
177	Yolo Bypass	Yolo & Tisdale Bypasses Sediment Removal Program	FM33	P									X				DWR	DWR Sacramento Maintenance Yard provided update info		Part of the Central Valley Flood Control Project. ask Fran if should be listed as project to be implemented by 2020	ask Fran	Y							N	Y		
178	Yolo Bypass	Delta Mercury TMDL Program	New														Central Valley RWQCB	Begins in 2010. Purpose is to implement studies and coordination to establish a Delta Mercury TMDL.								Y		Y			Y	



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202	Yolo Bypass	Yolo Bypass Mercury Best Management Practices Development Project	WQ16	P											2020	\$50,000/yr; \$200,000 from 2007-2010	Yolo Basin Foundation	The first 2 studies are complete. A third study proposal has been funded (\$300,000/yr) for basic monitoring and looking at grazing, mowing and permanent pond management. DFG will be conducting the study. Yolo Basin Foundation will provide stakeholder facilitation and meeting planning services.		We've spent about \$50,000 per year for four years (Total: \$200,000). We currently have a proposal that will spend about \$300,000 per year. This is basic monitoring and looking at grazing, mowing and permanent pond management. To really look at everything, including looking at the impacts of notching the Fremont Weir, and looking at the entire Yolo Bypass, about \$1 million per year for 3 years. The BMP's are addressing requirements of the Delta MeHg TMDL which includes land mgt on lands throughout the Delta region. These BMPs will be applicable throughout the Delta and the Sac Valley.				Y		Y			Y	Y	
203	Yolo Bypass	Colusa Basin Drain Water Supply Project	WS22	C	•										N/A		Yolo Basin Foundation	No action has been taken. Project to be deleted. Also in Cache Creek Integrated Actions	D					Y	Y						
204	<b>Progress Legend</b>																														
205	X	this phase was completed by the time of this Update (Spring 2010)																													
206	•	this phase was ongoing by the time of this Update (Spring 2010)																													
207																															
208																															
209	<b>* LEGEND for 2007 Project Status</b>																														
210	C	Concept																													
211	F	Feasibility																													
212	PL	Planning																													
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214	E	Environmental - CEQA / NEPA																													
215	PD	Preliminary Design																													
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