

**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	AG			
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2		Foundational	# OMITTED from 2007 IRWMP table	FA05																																
3		Foundational	# OMITTED from 2007 IRWMP table	FA09																																
4		Foundational	# OMITTED from 2007 IRWMP table	FA10																																
5		Foundational	# OMITTED from 2007 IRWMP table	FA12																																
6		Foundational	# OMITTED from 2007 IRWMP table	FA13																																
7		Foundational	# OMITTED from 2007 IRWMP table	FA15																																
8			# OMITTED from 2007 IRWMP table	AR01																																
9			# OMITTED from 2007 IRWMP table	AR06																																
10			# OMITTED from 2007 IRWMP table	AR09																																
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12			# OMITTED from 2007 IRWMP table	AR12																																
13			# OMITTED from 2007 IRWMP table	AR29																																
14			# OMITTED from 2007 IRWMP table	AR31																																
15			# OMITTED from 2007 IRWMP table	AR32																																
16			# OMITTED from 2007 IRWMP table	AR33																																
17			# OMITTED from 2007 IRWMP table	AR40																																
18			# OMITTED from 2007 IRWMP table	AR42																																
19			# OMITTED from 2007 IRWMP table	FM17																																
20			# OMITTED from 2007 IRWMP table	FM23																																
21			# OMITTED from 2007 IRWMP table	FM29																																
22			# OMITTED from 2007 IRWMP table	R02																																
23			# OMITTED from 2007 IRWMP table	R05																																
24			# OMITTED from 2007 IRWMP table	R09																																
25			# OMITTED from 2007 IRWMP table	WQ12																																
26		DWWSP	(RD 2035) Sacramento River Diversion and Conveyance Facilities	WS07		E			x			x					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. PARTNERS:		Duplicate of the action under RD 2035 Sac River Diversion & Conveyance Project. Remove this item under DWWSP for this list				Y			Y		Y					
27		Countywide	Ag Waiver Program	WQ14	WQ14	O											x	ongoing	YCF&WCD	listed under Sloughs, Canals, Creek in 2007 IRWMP. Stand alone action			ask Stefan	Y				Y			Y	Y				

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28		Sloughs, Canals, and Creeks	Agricultural Drains and Sloughs Riparian Habitat Enhancement Program	AR11		C, F, O	x		x								ongoing		YCF&WCD	consolidate with AR20 & 36	M		ask Stefan	Y						Y	Y						
29		Sloughs, Canals, and Creeks	Agricultural/Urban Storm Runoff Assessment Program	WQ04	AR06.2a	C	x										ongoing		YCF&WCD	Condense these 10 actions into two strategies to provide flood modeling and flood and stormwater management for	M		ask Stefan					Y			Y						
30		Cache Creek	American River Parkway - Cache Creek Connection Project	R01				x														Cache Creek & Sacramento River															
31		Foundational	Aquatic Habitat and Fish Opportunity Assessment Monitoring (rename to global action)	FA06		C											2008, further studies on hold	\$19,000	YCF&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.		Max & Stefan review and recast as the global program action		Y					Y								
32		Yolo Bypass	Aquatic-Habitat Studies and Monitoring	New			x											unknown	Multi-agency	Ecosystem surveys, studies, and monitoring including aquatic and terrestrial wildlife plus plants. Some ongoing wildlife monitoring underway												Y					
33		Cache Creek	Bear Creek (Tributaries) Detention Basin Project	FM16	FM16	C	x												YCF&WCD	project is tabled							Y										
34		Sac River West Bank	Bees Lakes Preserve	AR51			x				x								Yolo County, City of West Sac	May become part of West Sacramento Levee Improvement Program implementation													Y				
35		Dunnigan	Bird Creek Water Storage Project	WS03.3		C		x											DWD																		
36		Cache Creek	Blue Ridge Campground Project	R18															Yolo County	Delete action - delete R18	D		Per YC 1/20/11														
37		Sac River West Bank	Broderick Boat Ramp Expansion Project	R39															Yolo County, City of West Sac	Deleted (see IRWMP page 7-67), during 2007 IRWMP outreach process	D																
38		Dunnigan	Buckeye Creek Erosion/ Flood Management Project	FM04		C		x											DWD	Partners: Colusa Basin Drain & RCD. DWD board considers this one of their priority actions																	
39		Sac River West Bank	Cache Creek (Canyon) Regional Park Improvement Project	R15		C													Yolo County	Project began in Fall 2008. This project is in use by the public but is also in progress with the final billing and construction inspections.		response by Jen Santos at County; will include kiosks at the upper and lower sites that include multi-regional information by describing environmental connections to other regions		Y							Y						
40		Cache Creek	Cache Creek Anadromous Fish Reintroduction/ Introduction Study	AR46	AR46														Tuleyome	Keep AR46, AR8 description will be re-written	M	Get info from Bob Schneider					Y	Y									
41	A	Cache Creek	Cache Creek Infrastructure Protection and Habitat Enhancement Project	AR53																	ASK TIM - Is it a placeholder project?																
42		Cache Creek	Cache Creek Nature Preserve Improvement Project	R19	R03.3	C													Yolo County, Cache Creek Conservancy	130 acres owned by Yolo County - CCC assumed mgt of preserve and CCC holds a nature preserve easement; improvements continue; since 2007 300 feet of hedgerows have been planted, 15 acres of native grassland have been restored, ~1 acre of islands in wetlands have been revegetated; other improvements have included development of the Jan T. Lowrey Memorial Grove and wetlands, and special habitat improvement throughout		Nature preserve serves as a location for increasing awareness of Cache Creek watershed for school children and community members from a multitude of counties/regions.	Per Lynnel/ CCC	Y								Y				Y	
43		Cache Creek	Cache Creek Off-Channel Detention Basin Projects	FM18	FM18	C	x												YCF&WCD	project is tabled																	
44		Cache Creek	Cache Creek Parkway Plan (rename R03 to global program name)	New	R03			x											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		
45		Cache Creek	Cache Creek Regional Campground Habitat Enhancement Project (diff name in IRWMP Cache Creek Canyon Regional Park...)	AR18	AR18			x											YCF&WCD, Yolo County, and City of Woodland																Y		
46		Cache Creek	Cache Creek Riparian Habitat Enhancement Program	AR24	AR24	PL				x		x							Yolo County (CCRMP), Cache Creek	County and CCC has done some work. Over the last 6 years, the CCC has done invasive species removal (tamarisk and arundo) from Camp Dam to L5 at Yolo: 90% control		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	per Lynnel Pollock/CCC & Kevin Schwartz									Y	Y			Y	
47		Cache Creek	Cache Creek System Mercury Remediation Project	WQ01	WQ01																																
48		Cache Creek	Cache Creek-Yolo Bypass Anadromous Fish Passage Project	AR08	AR08														Tuleyome	Re-write description of AR08	M	Get info from Bob Schneider															
49		Sloughs, Canals, and Creeks	Caltrans Highways Hydraulic Impact Assessment Program	FM11	AR06.2f	C	x												YCF&WCD	Condense this and 9 other actions into two strategies to provide flood modeling and flood and stormwater management for creeks, canals, and sloughs beginning with the Camp Haswell Renovation Project and Camp Haswell/Otis Ranch Improvement Project and have been consolidated. Any reference to Otis Ranch should be changed to Valley Vista Regional Park because the new name was recently approved by the Board.	M	ask Stefan									Y					Y	
50		Cache Creek	Camp Haswell - Valley Vista Regional Park Project (formerly named Camp Haswell Renovation Project)	R06	R06	C	x												Yolo County			response by Dimitrios George															



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72		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					
73		Sac River West Bank	Clarksburg Levee Improvement Project/ Sacramento River Levee Improvement #4	FM06													ongoing		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					
74		Sac River West Bank	Clarksburg Park Host Project	New															Yolo County	funded by the State Wildlife Conservation Board and designed, constructed and installed by Yolo County entirely		added by Jen Santos at County										Y	
75		Sac River West Bank	Clarksburg Sacramento River Access & Boat Ramp Improvement Project	R30				x			x	x	x				2011		Yolo County	This action is listed in Section 5 Tables (page 5-77), but seems to have been consolidated or deleted during Sac River West Bank outreach process before IRWMP adopted.								Y		Y			
76		Cache Creek	Clear Lake Operations Evaluation Program	FM24	WS16.1	C	x										2017		YCFC&WCD	more of a water supply vs flood mgmt project	M	involves both Lake and Yolo Counties				Y	Y	Y		N	Y		
77		Cache Creek	Clear Lake Upstream Storage Project	WS20	WS20	C	x										inactive		YCFC&WCD	Primarily a project in Lake County. Project is tabled						Y					Y		
78		Putah Creek	Cold Canyon Headwaters Acquisition	New											x		2010	\$45,000	Tuleyome	Purchase complete, acquired by Tuleyome					Y			Y				Y	
79		Cache Creek	Colusa Basin Drain Water Supply Project	WS22	WS22	C	x										inactive		YCFC&WCD	No action has been taken. Also in Yolo Bypass & Dunnigan Integrated Actions						Y							
80		Dunnigan	Colusa Basin Drain Water Supply Project	WS22		C		x									2015		DWD	No action has been taken. Also in Yolo Bypass & Cache Creek Integrated Actions						Y		Y					
81		Yolo Bypass	Colusa Basin Drain Water Supply Project	WS22		C	x										N/A		Yolo Basin Foundation	No action has been taken. Also in Dunnigan & Cache Creek Integrated Actions	D					Y	Y						
82	A	Countywide	Comprehensive Drought Preparedness Program	WS21	WS21		x												YCFC&WCD	Ask Tim - part of conjunctive use? Periodic activity during drought													
83		Cache Creek	Conjunctive Water Use Program	WS16	WS16	PI, F		x	x								2020		YCFC&WCD	Originally listed under DWWSP in 2007 IRWMP		Includes storage of surface water in Lake County, recharge and puming of groundwater in Yolo County, and use of Sacramento River water						Y			Y		
84		Cache Creek	Correll-Rodgers Wetland Project	AR21	AR21	PD						x	x	x	x		2015	Ph. 3 cost: \$300K	Yolo County	Final Design has been completed and the first 2 phases of construction have been completed. Permitting for Phase 3 is currently being undertaken. On hold pending funding					Y			Y					
85		Sloughs, Canals, and Creeks	Cottonwood Slough Riparian and Levee Setback Project	AR20	AR01.3a	O										x	ongoing		YCFC&WCD	Completed project, now in maintenance phase (RCD lead). consolidate with AR11 & 36		ask Stefan	Y				Y			Y	Y		
86		Cache Creek	County Road 19 Water Storage Project	WS03.1	WS03.1	PL													YCFC&WCD	Project is not being actively pursued						Y							
87		Sloughs, Canals, and Creeks	County Roads Hydraulic Capacity Assessment Program	FM12	AR06.2g	C	x										ongoing		YCFC&WCD	Condense this and 9 other 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	ask Stefan				Y				Y			
88		Cache Creek	Create Flood Management Division or Separate Entity	FM35	FM35.2	P,O		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 (aka creation of countywide agency i.e. EIP proposal for assessment fees). Also in Sloughs, Canals, Creeks Program			Y				Y	Y			Y		
89		Sloughs, Canals, and Creeks	Creation of Flood Management Division or Entity	FM35	FM35.3	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 Cache Creek Flood Management Integrated Actions	M	ask Stefan	Y				Y	Y			Y		

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90	A		Davis Storm Water Channel Crossing Project	R34																	JD will check, probably delete	D															
91		Yolo Bypass	Davis Wetlands Public Access Improvement Project	R31	R13.2	C	x														No action has been taken, still in the concept phase																
92		DWWSP	Davis-Woodland Surface Water Supply Project	WS08		E				x			x				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											
93		Sac River West Bank	Deep Water Ship Channel Navigation Levee Repair	FM41				x	x										City of West Sac																		
94		Yolo Bypass	Deep Water Ship Channel Trail Project	R13	R13.1	C	x																														
95		Yolo Bypass	Deep Water Ship Channel Trail Project (Rename Public Access Trails on Bypass levees)	R13	R13	C	x														No action has been taken, still in the concept phase																
96		Yolo Bypass	Delta Mercury TMDL Program	New												x	ongoing		Central Valley RWQCB, DFG	Begins in 2010. Purpose is to implement studies and coordination to establish a Delta Mercury TMDL.		Ongoing research & development of Best Management Practices for rice & managed wetlands				Y								Y	Y		
97		Sloughs, Canals, and Creeks	Demonstration Farm Project	WQ15	WQ15			x											YCF&WCD	erroneously numbered WS 27 in one section of IRWMP			ask Stefan														
98		Cache Creek	Develop Recreational Opportunities on Public Lands	R22	R22			x											Yolo County	Global program. Covers all recreational activities like camping, rafting, hiking, OHV																	
99		Sloughs, Canals, and Creeks	Develop Storm Drainage Master Plans for the Unincorporated Communities in the County Including Esparto, Madison, and Knights Landing	New	AR06.2b	C													YCF&WCD	Prerequisite Project 5			ask Stefan														
100		Foundational	Development of HCP/NCCP	FA14		PL		x											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		Federal and State nexus project. Dovetails with BDCP & Solano projects															
101	A	Yolo Bypass	Development of Westside Option Alternatives	New	AR_1			x											Multi-agency	This combines pilot projects: Westside salmon rearing in managed wetlands & hydraulic modeling																	
102		Putah Creek	Dry Creek Bank Stabilization Project	FM02		C		x											LPCCC, City of Winters	Completed, placement of 30 rock vanes below Hwy 128				Y													
103		Dunnigan	Dunnigan Area (Hills) Storm Drainage Flood Management Project	FM21		C		x											DWD	On hold until further housing development																	
104		Dunnigan	Dunnigan Area (Hills) Wastewater Recycling Project	WQ02.2	WQ02.2	C		x											DWD	On hold until further housing development																	
105		Dunnigan Gaehe-Creek	Dunnigan Area (Hills) Water Storage Project	WS03				x											Yolo County																		
106		Dunnigan	Dunnigan Area (Hills) Water Supply Project	WS02		C		x											DWD	On hold until further housing development																	
107		Foundational	Dunnigan Area Groundwater Monitoring Enhancement Program	FA01.1	GW	C		x											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. Wells have been completed				Y	Y												
108		Yolo Bypass	Economic Model of Yolo Bypass	New				x											Multi-agency	Yolo County is collecting & analyzing ag production data. This could feed into the development of a model. This is a regional action.		Includes Solano and Yolo County and is necessary planning information for BDCP and other Delta-wide plans															
109		Yolo Bypass	Electronic Data, Documents, and Map Sharing for the Yolo Bypass	New				x											Multi-agency	Creation of an online library of data on Yolo Bypass including ag data, modeling data, maps, management plans, & completed studies.		This information is needed for flood planning as well as BDCP and other Delta-wide plans															
110		Sac River West Bank	Elk Slough Reclamation Pumping Plant	FM46															Yolo County, RD 999	Priority action item for 2011 per Erik Ringelberg/RD999																	
111		Sac River West Bank	Elkhorn Regional Park Improvement Project	R10					x										Yolo County, City of West Sac	This action is listed in Section 5 Tables (page 5-75), but seems to have been consolidated or deleted during Sac River West Bank outreach process before IRWMP adopted.																	
112	A	Sloughs, Canals, and Creeks	Environmental Enhancement of Waterways Project (OMITTED #)	AR06															YCF&WCD	AR6 is missing from 2007 IRWMP Table 5-5			ask Stefan														
113		Sloughs, Canals, and Creeks	Esparto Storm Drainage Flood Management Project	FM10	AR06.2d	C													YCF&WCD	Condense this and 9 other actions into two strategies to provide flood modeling and flood and stormwater management for creeks, canals, and sloughs beginning with	M		ask Stefan														
114		Cache Creek	Esparto Wastewater Recycling Project (rename Wastewater AND Recycling)	WQ02.3	WQ02.3	C		x											Yolo County, Esparto CSD			info from Ron Lowden at Esparto CSD															
115		Cache Creek	Esparto Water Supply Project	WS04	WS04	PL													Yolo County, Esparto CSD	Water/sewer project was just completed. Included an evap/perc. Pond. Will be drilling more new wells this year. (Stand alone project)																	

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116		Sloughs, Canals, and Creeks	Establish Yolo County Watershed Coordinating Committee	New		C											ongoing		YFCF&WCD	Prerequisite Project 1. Consider listing under global surface water monitoring program			ask Stefan				Y	Y				Y	Y		
117		Cache Creek	Flood Emergency Preparedness & Hazard Classification Program	FM22	FM22	C	x										pending soon		YFCF&WCD, Yolo County, and City of	County worked with cities on a multi-jurisdictional hazards mitigation plan in 2004 and County is updating this plan now (Bill Martin YC DES) project. A list of projects, compilation of						Y					Y				
118		Sloughs, Canals, and Creeks	Formulate and Implement a Comprehensive Plan to Address the Management of Storm Runoff From Agricultural and Urban Land	New		C											ongoing		YFCF&WCD	Prerequisite Project 8	M		ask Stefan				Y	Y				Y	Y		
119		Sloughs, Canals, and Creeks	Formulate and Implement a Comprehensive Storm Water Management Plan for Willow Slough, Dry Slough, and Cottonwood Slough	New		C											ongoing		YFCF&WCD	Prerequisite Project 6	M		ask Stefan				Y	Y				Y	Y		
120	A	Yolo Bypass	Fremont Weir Fish Passage Public Outreach Process	AR27																															
121		Sac River West Bank	Funding for the Flood Management Division of DWR	FM27															Yolo County, City of West Sac	Deleted (see IRWMP page 7-67)	D							Y							
122		Putah Creek	Geomorphic Restoration of Putah Creek	AR48		F	x	x	x								2020	\$1.9 million	LPCCC	\$1.9 mil grant funded, creek wide removal eucalyptus trees, reuse logs in channel; also include invasive species removal component									Y				Y		
123		RD 108	Groundwater Characterization Study	New	GW												2009		RD108	completed in 2009, WQ & WS study														Y	
124	A	Countywide	Groundwater Nitrate Reduction Program	WQ08	GW		x												YFCF&WCD	Integrate with GW monitoring program															
125		Cache Creek	Grube-Payne Restoration Project	AR22	AR22												completed		YFCF&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			Y												
126		Cache Creek	Huff's Corner Levee Repair Project	FM13	FM13	PL											2008		Yolo County	Completed. FEMA/State Funding Reimbursement Pending, constructed & completed pending xfer to State responsibility. Rec'vd partial State reimbursement			Y												
127		Sac River West Bank	Implementation of the Commission's Land Use & Resource Management Plan for the Primary Zone of the Delta (Management Plan)	R37													ongoing		Yolo County, City of West Sac				ask Dan					Y					Y		
128		Yolo Bypass	Improve Water Delivery Systems and Pond Construction for Wetland Habitat Improvements Water Conservation, Vector Control BMPs on Private Lands in Yolo Bypass	New			x	x											Multi including DFG, USFWS, DU, CWA, private landowners (Yolo Basin Foundation)	some projects are underway; others will come up in the future													Y	Y	
129		Putah Creek	Increase Width of Riparian Corridor of Lower Putah Creek	AR39		C	x										2035		LPCCC	several opportunities to do this: primary is conversion of open water to floodplains; areas that are dry farmed could be converted to be managed as part of riparian corridor							Y		Y			Y	Y		
130		Sloughs, Canals, and Creeks	Initiate Discussions With Caltrans Regarding the Adequacy and Impacts Associated With Interstate and State Highways in Yolo County	New	AR06.2e	C											ongoing		YFCF&WCD	Prerequisite Project 7	M		ask Stefan				Y	Y				Y	Y		
131		Sac River West Bank	Knights Landing Levee Improvement Project	FM05					x		x						2016		Yolo County	RD 108 Mid-Valley Project			ask Lewis						Y			Y			
132		Sac River West Bank	Knights Landing River Access Facility Improvements	R07	FM05.2				x		x						2011		Yolo County	Subset of FM05 - FM05.1									Y				Y		
133		Sac River West Bank	Knights Landing Storm Drainage/Flood Management Project	FM08															Yolo County	This action is listed in Section 5 Tables (page 5-56), but seems to have been consolidated or deleted during Sac River West Bank outreach process before IRWMP adopted.							Y								
134		Sac River West Bank	Levee Maintenance Fee Structure Assessment	FM48													Action deferred		Yolo County	Ask West Sacramento?								Y						Y	
135		Putah Creek	Levee Public Access Improvements Project	R32		PD											2007	\$60,000	LPCCC	Parking area created at Old Davis Road. Completed						Y							Y		
136		Yolo Bypass	Levee Public Access Improvements Project	R32		C	x												Yolo Basin Foundation	No action has been taken, still in the concept phase							Y								



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155		Sac River West Bank	Ongoing Levee Maintenance & Critical Repair Program	FM44				x		x			x				ongoing		City of West Sac	Levee repairs under PL 8499 are led by the US Army Corps of Engineers in response to proposals by local maintaining agencies. The Corps conducted critical and non-emergency repair projects in the Southport area of West Sacramento prior to 2010, in coordination with RD 900. This item appears to be redundant with FM 25 and the two can be consolidated. Consolidate with FM25	M	response provided by Dave Shpak of West Sac; contact Ken Ruzich at RD 900 to obtain project cost information. Geographic extent		Y					Y	Y		Y	Y
156	A	Cache Creek	Outfall Channel Environmental Enhancement Project	WQ06																ASK TIM - Moore Siphon?													
157		Sac River West Bank	Patwin-Summerfield Pedestrian Bridge	R40															Yolo County, City of West Sac	Deleted (see IRWMP page 7-67), during 2007 IRWMP outreach process	D							Y					
158		Sloughs, Canals, and Creeks	Perform an Opportunities-Constraints Assessment	New		C											ongoing		YCFC&WCD	Prerequisite Project 4 - Split assessment 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	M	ask Stefan				Y	Y			Y	Y		
159		Yolo Bypass	Public Access Trails Along Existing Storm Water Conveyance Channels Project	R33	R13.3	C	x																										
160		Sac River West Bank	Public Outreach on Flood Risk	FM47													ongoing	\$5,000 annually	City of West Sac	Upcoming outreach includes community briefing about EIPs on June 1st and public open house/comment meeting on draft WSLIP EIS/EIR on June 29th.			Y					Y					
161		Putah Creek	Putah Creek and Cache Creek Exotic and Invasive Species Removal Project	AR07	AR07.2	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. 1800 mapped occurrences of 20 primary invasive weeds in 200 net acres (2010 update). Cache Creek also has invasive removal project.		Also in Cache Creek Integrated Actions				Y			Y	Y	Y	Y	
162		Cache Creek	Putah Creek and Cache Creek Exotic and Invasive Species Removal Project	AR07	AR07.1	P											ongoing	CCRMP \$50K/yr	LPCCC, Yolo Parks	Tamarisk and Arundo have been removed from the majority of the CCRMP, improving flood conveyance and recruitment of native riparian species. (Invasive removal maintenance project). Putah Creek also has invasive removal project.		Also in Putah Creek Integrated Actions		Y	Y			Y	Y	Y	Y		
163		Putah Creek	Putah Creek Bank Stabilization Project	FM01		PD	x		x	x							2015		LPCCC								Y		Y		Y		
164		Putah Creek	Putah Creek Fish Passage Project (could be split into two action items)	New	AR __	PD	x		x	x							2018		LPCCC	See AR08, Split this into 2 AR items. This project has 2 elements: Los Rios Check Dam in prelim design phase for fish bypass channel (in Yolo Bypass); fish bypass around Putah diversion dam (likely need EIR)		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.				Y		Y		Y	Y	Y	
165		Putah Creek	Putah Creek Fisheries Habitat Enhancement Project	AR03		PD	x	x	x	x							2020		LPCCC	Spawning gravel, augmentation, lowering water temp., increasing habitat diversity		Project would improve regional fish stocks by introducing more diversity of habitat including large woody debris, in-stream boulders and SRA cover.				Y		Y			Y		
166		Putah Creek	Putah Creek Fishing Access and Campground 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. Completed		response provided by Jen Santos at County				Y		Y		Y			
167		Putah Creek	Putah Creek Floodplain Habitat Improvement Program	New	AR __	PD											2021	Ph 1 funded: \$987,000	LPCCC	Winters Putah Creek Par: Phase 1 funded; Phase 2 Channel Realignment: ~\$1 million; Proposal for Phase 3 pending for 2011		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.				Y			Y	Y	Y	Y	
168		Putah Creek	Putah Creek Recreational Facilities Restoration and Expansion Project	AR05		PD											2010		LPCCC, Yolo Parks	Tamarisk and Arundo have been removed from the majority of the CCRMP, improving flood conveyance and recruitment of native riparian species. Completed		Per Cindy			Y		Y		Y	Y	Y		
169		Putah Creek	Putah Creek Spawning Grounds Improvement Project	AR34		C	x										2020		LPCCC	Delete AR 34 & combine with AR 3	D	Project would enhance regional populations of salmon by supplying gravel for spawning.						Y					



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189		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; redundant	M		Per??											
190		Sac River West Bank	Sacramento River Levee Repair	FM40							x	x	x				2020		City of West Sac									Y		Y	Y			
191		Sac River West Bank	Sacramento River Recreational Trail	R38						x	x						2020		City of West Sac	May become part of West Sacramento Levee Improvement Program implementation; see Capital Projects Tab							Y		Y	Y				
192		Sac River West Bank	Sacramento River Storm Water Sources Monitoring Program	WQ17	WQ17											x	2010	\$8,000 annually	Yolo County	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			
193		Sac River West Bank	Sacramento River Water Facilities Review Program	WQ10	WQ10					x									Yolo County, City of West Sac	Deleted (see IRWMP page 7-67) but active since 2007?		As described on page 5-53 of the IRWMP, this is a countywide action on activities within the Sacramento River watershed.												
194		DWWSP	Sacramento River Water Testing Program	WQ13	WQ13	PL										x	2011	\$310,000	WDCWA	Began Title 22 water sampling program in August 2009, will be completed in July 2011. \$310,000 is the anticipated total cost for the program. Move to accomplishments		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			
195		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							Y							
196		Sac River West Bank	Sacramento Riverbank Enhancement Actions	AR50													inactive		Yolo County, City of West Sac			geographic extent?					Y					Y		
197		Foundational	SCADA Network Enhancement Program (rename SCADA System Water Management)	FA08		P, O	x									x	ongoing		Multiple agencies	Change description to more global action (YCFWCWD is one agency active in SCADA)									Y		Y			
198	A	RD 108	Sites Reservoir Project	WS25															Multi-agency	YCFWCWD, RD108, Glenn Co., TCC, +?		Sacramento Valley regional project												
199	A	Sloughs, Canals, and Creeks	Sloughs and Waterways Environmental Enhancement Project (OMITTED #)	AR09															YCFC&WCD	AR9 is missing from 2007 IRWMP Table 5-5			ask Stefan					Y	Y				Y	
200		Sloughs, Canals, and Creeks	Small Sloughs and Creeks Invasive Vegetation Removal Program	FM38	AR30.4	C, O	x									x	ongoing		YCFC&WCD		M		ask Stefan	Y				Y				Y	Y	
201		Dunnigan	Small Sloughs Revegetation Project	AR25	AR30.1	C	x										2015		DWD	Discuss with the Colusa Basin Watershed Planning on Buckeye Creek erosion and the need for vegetation to restore creek bank. Also in Sloughs, Canals, Creeks Program							Y	Y						
202		Sloughs, Canals, and Creeks	Small Sloughs Revegetation Project	AR25	AR30.2	F			x								ongoing		YCFC&WCD	Also in Dunnigan Integrated Action	M		ask Stefan					Y					Y	
203		Putah Creek	South Fork Preserve Riparian and Grassland Restoration Project	AR45		O	x									x	2009		LPCCC	Completed		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		

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204		Sloughs, Canals, and Creeks	South Fork Willow Slough Riparian Restoration and Levee Setback Project	AR13	AR01.1a	C	x										ongoing		YCFC&WCD		M		ask Stefan									Y						
205	A	Foundational	State/Federal Program - liaison, information coordinator	New																																		
206		Sac River West Bank	Sutter Bypass Vegetation Removal	FM32															Yolo County, City of West Sac	Deleted (see IRWMP page 7-67)	D																	
207	A	Sac River West Bank	Sutter Slough Erosion Control and Pumping Infrastructure Improvement Project	FM31															RD999	Ask RD999 (Erik Ringelberg)																		
208	A	Dunnigan	Tehama-Colusa Canal Extension Project	WS23																																		
209		Cache Creek	Thurston Lake Pump Storage Project	WS19	WS19	C	x										inactive		YCFC&WCD	Primarily a project in Lake County. Project is tabled																		
210		Foundational	Topographic Mapping (LiDAR) Project	FA11													ongoing	\$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. Periodic	M	modify action description since DWR's involvement in Yolo County LiDAR			Y	Y			Y	Y								
211		Sac River West Bank	Traffic Alleviation on Levee Roads	FM49															Yolo County, City of West Sac	Deleted (see IRWMP page 7-67)	D																	
212		Putah Creek	UC Davis Confined Animals Relocation Project	AR04		PD																																
213		Foundational	UC Davis Groundwater Enhancement Program	FA01.2	GW	C	x													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																	
214	A		UC Davis Groundwater Remediation Project	WQ03	GW																																	
215	A		UC Davis Wastewater Recycling Project (rename Wastewater AND Recycling)	WQ02.7	WQ02.7																			Y														
216		DWWSP	UC Davis Water Conservation Program	WS09		C														City of Davis, City of Woodland, UCD	Ongoing program to reduce water use. No formal reduction targets or budget in place as of 2011. Will continue to make investments/improvements as identify new projects and funding sources. A 15% reduction over a 3 year period (2006-2010)					Y		Y		Y		Y						
217		Sloughs, Canals, and Creeks	Update and Develop County-City Drainage Criteria	New		CO														YCFC&WCD	Prerequisite Project 2														Y	Y		
218		Sloughs, Canals, and Creeks	Update Hydrologic Model for Willow Slough Watershed	New	AR06.1a	P														YCFC&WCD	Prerequisite Project 3	M													Y	Y		
219		Foundational	Water Resources Information Database Enhancement Program	FA07	GW	CO														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. This is a systemwide water management program															Y		
220		Sloughs, Canals, and Creeks	Watershed Management Program	FM20		C	x													YCFC&WCD																		
221	A	Sac River West Bank	West Sacramento Levee Monitoring and Maintenance Program	FM34																																		
222		Sac River West Bank	West Sacramento Reclaimed Water Use Standards	WS28																Standards in use now	Yolo County, City of West Sac																	
223		Sac River West Bank	West Sacramento South Cross Levee Repair	FM43																City of West Sac																		
224		Yolo Bypass	Westside: Fisheries Studies	New	AR_3		x													Multi-agency	pilot projects: salmon rearing in managed wetlands																Y	Y
225		Yolo Bypass	Westside: Engineering Feasibility Study	New	AR_2		x													Multi-agency	modeling, surveying, current water delivery capacity																Y	Y
226		Putah Creek	Willow Slough / University Canal Rerouting Project	WS26	WS26	PD														LPCCC, UCD, YCFCWCD	Completed. Also in Sloughs, Canals, Creeks program			Y		Y												

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227		Sloughs, Canals, and Creeks	Willow Slough / University Canal Rerouting Project	WS26	WS26	PD										x	x	2009	YCF&WCD, Yolo RCD	Completed. YCF&WCD land work, RCD veg. work, Audubon & UCD are subs. Also in Putah Creek Integrated Action			Y		Y												
228		Sloughs, Canals, and Creeks	Willow Slough Bypass Environmental Enhancement Project	WQ07	AR01.1c	C	x											ongoing	YCF&WCD		M		ask Stefan					Y									
229		Sloughs, Canals, and Creeks	Willow Slough Habitat Enhancement Program	AR14	AR01.1b	C	x											ongoing	YCF&WCD		M		ask Stefan					Y				Y					
230		Sloughs, Canals, and Creeks	Willow Slough Levee Improvement Project	FM26	AR06.1b	C	x											ongoing	YCF&WCD		M		ask Stefan					Y				Y					
231		Cache Creek	Woodland Area Flood Management Project (aka LCC Feasibility Study)	FM19	FM35.4	PL		x	x									2017	YCF&WCD, Yolo County, and City of Woodland	Flood SAFE Yolo - pilot program; This is the Lower Cache Creek Feasibility Study, cost share with USACE, CVFPB & Locals, Work Begins April 2012							Y	Y									
232		Sloughs, Canals, and Creeks	YCF&WCD Distribution System Canal Extensions Adjustments Project	WS24		C, F	x											ongoing	YCF&WCD	YCF&WCD is reviewing system needs in 2011			ask Stefan														
233		Sac River-West Bank	Yolo & Tisdale Bypasses Sediment Removal Program	FM33															Yolo County, City of West Sac	Deleted (see IRWMP page 7-67); also in Yolo Bypass Integrated Project with activity	D							Y									
234		Yolo Bypass	Yolo & Tisdale Bypasses Sediment Removal Program	FM33		P										x	2009	DWR	This is an ongoing program. Some milestones met. DWR is the agency			Part of the Central Valley Flood Control Project. ask Fran if should be listed as project to be implemented by 2020	ask Fran	Y								Y					
235		Yolo Bypass	Yolo Bypass 2-D Hydraulic Modeling Project	FM39		P	x										x	2007	Yolo Basin Foundation	Some modeling has been completed, but more modeling will be done in the future. A 1-D model was completed. Cost is unknown for additional modeling. Multi-agency sponsor 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	M		Y			Y				Y							
236		Yolo Bypass	Yolo Bypass Conceptual Aquatic Restoration Opportunities	AR49		C			x									2020	Yolo Basin Foundation		M	Part of BDCP and Salmon BO						Y	Y		Y	Y					
237	A	Yolo Bypass	Yolo Bypass Fish Habitat Enhancement Program	AR28																																	
238	A	Yolo Bypass	Yolo Bypass Management Plan	New																														Y			
239		Yolo Bypass	Yolo Bypass Mercury Best Management Practices Development Project	WQ16	WQ16	P												x	2020	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.												Y		Y	Y	
240		Yolo Bypass	Yolo Bypass System-wide Hydrodynamic, Sediment Transport and Water Quality Model	New			x												Multi-agency			Modeling needed for flood planning as well as BDCP and other Delta-wide plans						Y					Y	Y			
241		Yolo Bypass	Yolo Bypass Wildlife Area - improve interpretive resources	R12	R12.2	PL		x										\$300,000	Yolo Basin Foundation, CA DFG	Several milestones met and operational, planning phase. Improve interpretive resources on YBWA through construction and improvement of entrance kiosk signs			Agencies: CA Dept of Fish & Game and Yolo Basin Foundation														
242		Yolo Bypass	Yolo Bypass Wildlife Area - improve public access	R12	R12.1	PL		x										\$500,000	Yolo Basin Foundation, CA DFG	Some milestones met and operational, planning phase. Improve public access through construction & improvement of roads, crossings & gates			Agencies: CA Dept of Fish & Game and Yolo Basin Foundation										Y				
243		Yolo Bypass	Yolo Bypass Wildlife Area - Pacific Flyway	New	R12.3	C	x											\$6-12 million construction cost	Yolo Basin Foundation	Conceptual phase, no activity. Construction and operation of a Pacific Flyway Interpretive Center							Y								Y		
244		Yolo Bypass	Yolo Bypass Wildlife Area Ecosystem Restoration Project	AR41		P,O												Since 2007, ~\$9m total has been spent. The	Yolo Basin Foundation	Approximately 5,000 acres have been restored			Part of the Pacific Flyway, key action in the Central Valley Joint Venture Management Plan										Y	Y			
245		Yolo Bypass	Yolo Bypass Wildlife Area Public Access, Outreach & Interpretation Program (split into several items)	R12	R12	PL			x									Spent: \$50,000 Need: \$500,000	Yolo Basin Foundation, CA DFG	Spent: \$50,000 Need: \$500,000. Four route has been expanded. Construction and graveling of public access roads and purchase and installation of gates has been	M		Agencies: CA Dept of Fish & Game and Yolo Basin Foundation										Y	Y	Y		
246		Yolo Bypass	Yolo Bypass Working Group Funding	AR47		O												\$25,000 from 2007 through 2010	Yolo Basin Foundation	Yolo Bypass Working Group continues to meet. Delta Conservancy participation has raised the profile of the Yolo Bypass in the Delta planning process. It has a key role to			Brings regional stakeholders together. The Working Group will need to be involved in the solution of important land management issues related to Delta Methylmercury TMDL. Ag											Y	Y		
247		Foundational	Yolo County Groundwater Modeling Program	FA04	GW	O												\$62,000	YCF&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					
248		Foundational	Yolo County Groundwater Monitoring Program (make FA01 global GW program with sub items)	FA01	GW	O												\$379,000	WRA w/ YCF&WCD lead agency	Annual baseline contributions through WRA members active in program. Add to global GW grouping of items along with other GW actions				Y	Y				Y			Y					
249		Foundational	Yolo County Subsidence Monitoring Program	FA03		O													\$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. Periodic monitoring every 3 years (with portion of funding from WRA).				Y								Y				
250		Foundational	Yolo County Surface Water Monitoring Program	FA02		C	x													YCF&WCD					Y												
251	A	Countywide	Yolo County Wastewater AND Recycling Program	WQ02	WQ02																Make this item the global program																

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252		Cache Creek	Yolo Waste Water Treatment Facilities Infrastructure Improvements	WQ09			x												Yolo County	Town of Yolo		Colusa Basin Drain					Y						
253	<b>* LEGEND for 2007 Project Status</b>																																
254	C	Concept																															
255	F	Feasibility																															
256	PL	Planning																															
257	P	Permitting																															
258	E	Environmental - CEQA / NEPA																															
259	PD	Preliminary Design																															
260	FD	Final Design																															
261	CO	Construction																															
262	O	Operation																															
263																																	
264																																	
265																																	
266																																	
267	<b>Color Legend</b>																																
268		Countywide action, not listed under any individual integrated project																															
269		Project listed in multiple integrated actions																															
270		Action was deleted during IRWMP development, but references were not removed from from all chapters of IRWMP.																															
271																																	
272																																	
273	<b>New Columns Added - January 2011</b>																																
274	A	Added Actions: Actions included in 2007 IRWMP, but inadvertently not included previously in this spreadsheet																															
275																																	
276		Amended 2011 IRWMP #:																															
277		Suggested Action # changes to consolidate related actions																															