

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

Westside IRWM Plan Project Screening Results (sorted by Lead Agency, then Project Type)

Note: Project 47 was removed from the list of projects

Project No.	Lead Agency /Organization	Project Title	Planned Project/Program Types and Activities	Project Cost	Project Type
52	Cache Creek Conservancy	Implementation of the Cache Creek Resources Management Plan	Implementation of projects within the Cache Creek Resources Management Plan (CCRMP) area, located along 15 miles of lower Cache Creek from the Capay Dam to the town of Yolo. The proposed project consists of various phases of activities that meet specific grant requirements such as habitat restoration or enhancement, streambank stabilization, invasive plant removal, monitoring, and/or watershed stewardship through education, workshops, and outreach to landowners.	\$300,000	Implementable Project
53	California Land Stewardship Institute	Invasive Plant Removal in Ulatis Creek	This project will first map out where the Arundo is present on the 17 mile channel of Ulatis Creek, then contact the landowners who own property with Arundo to educate them about the Arundo hazards; then, with their permission, eradicate the plant on their land, and lastly revegetate areas with native trees.	\$500,000	Implementable Project
44	City of Clearlake	City of Clearlake Stormwater Management Plan (SWMP), Storm Drainage and Flood Control Project Proposal	The City of Clearlake Stormwater Management Plan (SWMP) includes development of stormwater management program implementation strategies and actions.	\$400,000	Planning
54	City of Davis	Wastewater Treatment Plant Secondary and Tertiary Improvements	To meet new surface water discharge limitations at Willow Slough, the City of Davis must cease its surface water discharge to Willow Slough, all or in part, through upgrades to its existing treatment process to provide for tertiary treatment.	\$85,000,000	Implementable Project
45	City of Woodland / floodSAFE Yolo Pilot Program	Lower Cache Creek Flood Risk Reduction Project	The primary purpose for the Project is to reduce the risk of flooding to the City of Woodland and adjacent land including the rural Town of Yolo and Interstate 5. The Project is in the initial phases of a feasibility study for which the City has executed a Federal cost share agreement with the USACE and CVFPB and a non-federal cost share agreement with the CVFPB.	\$0	Feasibility Study
55	Clearlake Oaks County Water District	Plant Intake	Install a new water intake in the lake that is capable of drawing water from different depths, with installation of an amiad pre-filter at the pier where the intakes are located. This will allow a greater control of influent turbidity and pH by controlling what depth the intake will be drawing water from.	\$0	Planning
46	Colusa County Resource Conservation District	Bear Creek Habitat Enhancement	The Bear Creek Habitat Enhancement project will be implemented in two phases. Phase I will provide for landowner/agency outreach activities and the development of a locally-driven plan to address tamarisk infestations and the re-establishment of native riparian species along Bear Creek in western Colusa County. Phase II will provide for habitat enhancement activities on a minimum of 3.5 miles of Bear Creek and .5 miles of Sulphur Creek.	\$400,000	Planning
48	Crescent Bay Improvement Company	Crescent Bay Improvement Company	Crescent Bay improvement Company has been on a Boil Water Order since 1999. There are 3 objectives to this project: 1) replace the 80-year old distribution lines which are leaking, 2) drill a well and replace our surface water source with ground water, and 3) explore the feasibility of and purchase a neighboring water company and develop an intertie with that system.	\$1,000,000	Implementable Project
49	Dixon Regional Watershed Joint Powers Authority	Dixon Main Drain / V-drain Enlargement Project	The purpose of the project is to reduce local flooding caused by regional drainage flows that exceed the existing capacity of these channels by increasing the capacity of these constructed drainage facilities.	\$3,100,000	Implementable Project
50	Dixon Regional Watershed Joint Powers Authority	Eastside Drain	The Eastside Drain project will construct segments of new channels and enlarge existing channels. The Project will add an increment of 120 cfs to the Dixon Main Drain / V-drain Enlargement Project.	\$5,251,000	Implementable Project
51	Dixon Resource Conservation District	Storm Flow Reduction From Agricultural Lands North of Interstate 80	The Proposed Project is based on providing detention storage for a 10-year storm event.	\$487,000	Planning
56	East Lake Resource Conservation District	Upper Putah Creek Watershed Management Plan	This project will produce a comprehensive Regional Watershed Management Plan for the Putah Creek Watershed located in Lake, Napa, Solano, and Yolo Counties. This will include conducting a thorough geomorphic study to better understand current conditions as related to water quality, water quantity, wildlife habitat, and socioeconomics. The project will assemble past studies and reports to identify data gaps, conduct on-the ground scientific investigations, and interview citizens and stakeholders through an education and outreach program. The result will be a management plan that identifies watershed related issues that will provide recommendations for implementation.	\$500,000	Planning

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DRAFT 12/5/2012

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96	Knights Landing Ridge Drainage District	Mid Valley, Knights Landing Repair Project	Subset of the Mid-Valley Area Levee Reconstruction Project currently underway through a partnership with ACOE and the Central Valley Flood Protection Board.	\$6,883,000	Implementable Project
128	Lake Berryessa Resort Improvement District	Program to Prevent Wastewater Discharges	This project will repair or replace sections of sanitary sewer collection laterals and mains that are experiencing above normal levels of storm water inflow/infiltration (I/I).	\$1,500,000	Implementable Project
88	Lake Berryessa Resort Improvement District	Water Tank Replacement Project	The three existing potable storage tanks have reached the end of their useful life. The project will replace these three tanks to ensure a continuous water supply for the residents in the future.	\$1,500,000	Implementable Project
87	Lake Berryessa Resort Improvement District	LBRID Wastewater Storage Pond and Disposal Improvements	This project will upgrade the wastewater storage ponds and disposal spray fields.	\$3,000,000	Implementable Projects
89	Lake County Special Districts	Soda Bay Water System Improvements	This project will correct deficiencies caused by increased algae blooms in Clear Lake in the system that are required for public safety and regulatory requirements.	\$1,500,000	Implementable Project
68	Lake County Water Resources Department	Assess stream channel hydrology and related riparian and aquatic habitats for restoration	This project will survey stream channels, especially in the level valleys in the lower elevations of the Upper Cache and Upper Putah Creek watersheds, and subsequent prioritization based on erosion hazard, potential for significant habitat improvement, and other factors.	\$250,000	Feasibility Study
67	Lake County Water Resources Department	Cache Creek Flow Enhancement Project	This project will evaluate the removal and maintenance of the gravel bar at the Grigsby Riffle to reduce flow restrictions in the Cache Creek Outlet Channel.	\$200,000	Feasibility Study
63	Lake County Water Resources Department	Develop and Implement a Comprehensive Watershed Monitoring Programs	Meeting of agencies, Tribes, and organizations currently monitoring water quality in the Clear Lake Watershed to coordinate monitoring activities and reduce overlap when possible.	\$0	Implementable Program
94	Lake County Water Resources Department	Increase Cache and Putah Creek Watershed Education and Outreach	Develop and improve education programs that provide public with information on watershed programs and related proper management techniques.	\$0	Implementable Program
59	Lake County Water Resources Department	Middle Creek Flood Damage Reduction and Ecosystem Restoration Project	This project will eliminate flood risk to 18 residential structures, numerous outbuildings and approximately 1,650 acres of agricultural land and will restore damaged habitat and the water quality of the Clear Lake watershed. Reconnection of this large, previously reclaimed area, as a functional wetland is anticipated to have a significant affect on the watershed health and the water quality of Clear Lake. The project consists of purchasing the flood prone property "protected" by the substandard levee, mitigating flood impacts to roads and utilities, reconstructing historic channel patterns, and breaching the levee in numerous locations that allow Clear Lake to reflow the Project area.	\$55,426,000	Implementable Project
69	Lake County Water Resources Department	Adobe Creek Conjunctive Use Project	Addition of conjunctive use to the operation of Highland Creek Reservoir (Lake County), through the addition of sluice gates to the existing Principal Spillway structure at Highland Creek Dam.	\$700,000	Implementable Project
57	Lake County Water Resources Department	Restore Native Fish Spawning Areas in Clear Lake Tributaries	This is a series of projects to eliminate some of the major barriers to fish passage. Projects include: Kelseyville Main Street check dam (Kelsey Creek); Decker Bridge (Scotts Creek); Rancheria Road Bridge (Middle Creek); Sewer Crossing (Seigler Canyon Creek); Clover Creek Diversion Channel; Creek Delta Diversity (multiple creeks).	\$5,560,000	Implementable Project
65	Lake County Water Resources Department	Collaborative Process to Update Clear Lake Integrated Watershed Management Plan	Update of CLIWM Plan.	\$0	Planning
66	Lake County Water Resources Department	Clear Lake Water Quality Assessment	Planning/assessment project to assess the current limnological conditions and to identify and select measures necessary for Clear Lake to meet the water quality objectives as specified in the Basin Plan, as required by the Basin Plan amendment implementing the Nutrient TMDL for Clear Lake.	\$540,000	Planning

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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64	Lake County Water Resources Department	Develop a Native Fish Management Plan	Conduct studies to identify and fill gaps in information and understanding of native fish populations with in Lake County. Use these studies to develop a Native Fish Management Plan.	\$250,000	Planning
58	Lake County Water Resources Department	Reduce Flood Damage	This project will reduce flood damage by structural and non-structural methods and will reduce flood risk to property owners in Lake County through 1) buyouts and relocations or floodproofing 2) implementation of the Middle Creek Flood Damage Reduction and Ecosystem Restoration Project 3) Upgrades of bridge and culvert capacities to reduce flooding 4) Implementation of the Cache Creek flow enhancement project 5) Implement channel and levee improvements to the Middle Creek Flood Control Project	\$0	Planning
62	Lake County Water Resources Department	Identify, Protect and restore Important Wildlife Habitat Areas in Clear Lake	Development of a plan that provides for protection of important wildlife habitat areas within Clear Lake including bird nesting areas and shoreline wildlife preserves.	\$0	Planning
60	Lake County Water Resources Department	Improve Watershed Roads and Trails to Reduce Soil Erosion	Provide supplemental funding to government programs to survey road and trail conditions and maintain, upgrade, decommission, or re-route them as needed.	\$0	Planning
61	Lake County Water Resources Department	Improve Water Dependent Recreation Opportunities	Development of a trail system within Lake County as described in the general plan.	\$0	Planning
97	Lake County Water Resources Department for RWMG	Form Task Force/Subcommittee to strategize and implement Watershed Education and Outreach	Support appointment of an Education Task Force/Subcommittee to prepare a Regional Watershed Education Plan for a 2-year implementation period.	\$0	Planning
4	Lower Putah Creek Coord. Committee	Dry Creek Wildlife Migration Corridor Feasibility Study	Feasibility study to restore 2 miles of wildlife corridor from the confluence of Putah Creek along Dry Creek on the western boundary of Winters	\$20,000	Feasibility Study
5	Lower Putah Creek Coord. Committee	Duncan-Giovannoni Channel Restoration Feasibility Study	Determine feasibility to restore 80 acres of riparian forest, reconfigure one mile of river channel, remove 96 occurrences (7 net acres) of 5 primary invasive weeds. Convert five acres of excess open water (gravel pit captured by the channel) to floodplain, restore natural meander form, pool-riffle sequence, functional floodplain elevations, salmon spawning habitat and native vegetation.	\$35,000	Feasibility Study
6	Lower Putah Creek Coord. Committee	Glide Ranch Channel Restoration Feasibility Study	Feasibility study to restore 160 acres of riparian forest, reconfigure 11,250 feet of river channel, remove 128 occurrences (8 net acres) of 8 primary invasive weeds. Grade floodplain to functional elevation, convert 15 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$30,000	Feasibility Study
8	Lower Putah Creek Coord. Committee	Lower McNamara Pool Channel Reconfiguration Feasibility Study	Determine feasibility to: restore 25 acres of riparian forest, reconfigure 3,150 feet of river channel, remove 25 occurrences (0.5 net acres) of 6 primary invasive weeds. Convert seven acres of excess open water (gravel pit captured by the channel) to floodplain, restore natural meander form, pool-riffle sequence, functional floodplain elevations, salmon spawning habitat and native vegetation.	\$30,000	Feasibility Study
10	Lower Putah Creek Coord. Committee	Mace to Road 106A Channel Restoration Feasibility Study	Feasibility study to restore 305 acres of riparian forest, reconfigure 2.7 miles of river channel, remove 124 occurrences (12.8 net acres) of 5 primary invasive weeds. Grade floodplain to functional elevation, convert 17 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$40,000	Feasibility Study
9	Lower Putah Creek Coord. Committee	MacQuiddy Channel Reconfiguration Feasibility Study	Determine feasibility to: restore 34 acres of riparian forest, reconfigure 3,800 feet of river channel, remove 44 occurrences (6 net acres) of 5 primary invasive weeds. Grade floodplain to functional elevation, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$25,000	Feasibility Study
11	Lower Putah Creek Coord. Committee	Nishikawa Channel Restoration Feasibility Study	Feasibility study to restore 37 acres of riparian forest, reconfigure 2,430 feet of river channel, remove 20 occurrences (1.36 net acres) of 6 primary invasive weeds. Grade floodplain to functional elevation, convert 3 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$20,000	Feasibility Study

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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12	Lower Putah Creek Coord. Committee	Old Davis Road to Mace Channel Restoration Feasibility Study	Feasibility study to restore 190 acres of riparian forest, reconfigure 3.4 miles of river channel, remove 172 occurrences (5 net acres) of 9 primary invasive weeds. Grade floodplain to functional elevation, convert 27 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$40,000	Feasibility Study
13	Lower Putah Creek Coord. Committee	Olmo-Hammond-UCD Channel Restoration Feasibility Study	Feasibility study to restore 109 acres of riparian forest, reconfigure 9,765 feet of river channel, remove 70 occurrences (2.5 net acres) of 9 primary invasive weeds. Grade floodplain to functional elevation, convert 17 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$35,000	Feasibility Study
16	Lower Putah Creek Coord. Committee	Restoria Channel Restoration Feasibility Study	Feasibility study to restore 93 acres of riparian forest, reconfigure 4,300 feet of river channel, remove 46 occurrences (3.2 net acres) of 6 primary invasive weeds. Grade floodplain to functional elevation, convert 2 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$25,000	Feasibility Study
17	Lower Putah Creek Coord. Committee	Road 106A to Yolo Bypass Channel Restoration Feasibility Study	Feasibility study to restore 52 acres of riparian forest, reconfigure 6,000 feet of river channel, remove 42 occurrences (8 net acres) of 6 primary invasive weeds. Grade floodplain to functional elevation, convert 11 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$30,000	Feasibility Study
18	Lower Putah Creek Coord. Committee	Russell Ranch Channel Restoration Feasibility Study	Determine feasibility to: restore 50 acres of riparian forest, reconfigure 5,500 feet of river channel, remove 91 occurrences (2.75 net acres) of 8 primary invasive weeds. Grade floodplain to functional elevation, convert 7 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$30,000	Feasibility Study
19	Lower Putah Creek Coord. Committee	Stevenson Bridge Channel Restoration Feasibility Study	Feasibility study to restore 22 acres of riparian forest, reconfigure 2,100 feet of river channel, remove 29 occurrences (0.5 net acres) of 6 primary invasive weeds. Grade floodplain to functional elevation, convert 1.5 acres of excess open water to floodplain, restore natural meander form, pool-riffle sequence, salmon spawning habitat and native vegetation.	\$25,000	Feasibility Study
21	Lower Putah Creek Coord. Committee	Upper McNamara Pool Channel Reconfiguration Feasibility Study	Determine feasibility to restore 30 acres of riparian forest, reconfigure 3,300 feet of river channel, remove 52 occurrences (4 net acres) of 7 primary invasive weeds. Convert five acres of excess open water (gravel pit captured by the channel) to floodplain, restore natural meander form, pool-riffle sequence, functional floodplain elevations, salmon spawning habitat and native vegetation.	\$30,000	Feasibility Study
15	Lower Putah Creek Coord. Committee	Pleasants Creek Bank Stabilization	Restores 84 acres of riparian habitat along 7 miles of Pleasants Creek, stabilizing eroding banks, removing 135 occurrences (13.4 acres) of invasive weeds and planting native vegetation.	\$1,000,000	Implementable Project
2	Lower Putah Creek Coord. Committee	505-East Channel Restoration	Restore 10 acres of riparian forest, 3/4 mile of river channel, remove 22 occurrences (2 net acres) of 6 primary invasive weeds; reconfigure one thousand feet of river channel, restore 100 feet of eroding stream bank, create 3/4 mile of south bank bench trail connecting Yolo Housing to the City of Winters at low flows.	\$350,000	Implementable Project
3	Lower Putah Creek Coord. Committee	Apricot Draw Bank Stabilization	Restore 3,000 feet of Apricot Draw, stabilizing eroding banks, removing invasive weeds and planting native vegetation.	\$120,000	Implementable Project
7	Lower Putah Creek Coord. Committee	Putah Creek Interdam Reach Invasive Weed Control	Remove 127 occurrences (8.6 net acres) of 11 primary invasive weeds from 6.5 river miles (400 acres) of riparian corridor between Monticello Dam and Putah Diversion Dam and install native vegetation where weeds are removed.	\$150,000	Implementable Project
14	Lower Putah Creek Coord. Committee	Pleasant Creek Wildlife Migration Corridor Plan	Plan to restore 7,000 feet of wildlife corridor of Pleasant Creek to the confluence with Putah Creek, stabilizing eroding banks, removing invasive weeds and planting native vegetation.	\$10,000	Implementable Project
20	Lower Putah Creek Coord. Committee	Thompson Canyon Bank Stabilization Design and Permits	This study provides plans, specifications and permits to restore 1.5 miles of Thompson Canyon at the confluence of Putah Creek, stabilizing a poorly engineered legacy road that annually degrade water quality and smother prime trout spawning habitat below Monticello Dam.	\$100,000	Implementable Project

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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22	Lower Putah Creek Coord. Committee	Warren Weed Control	Restore 11 acres of riparian forest, 1,700 of river channel, remove 26 occurrences (2 net acres) of 8 primary invasive weeds. One of the densest thickets of eucalyptus with over 300 trees averaging 24 inches in diameter.	\$175,000	Implementable Project
70	Mendocino National Forest	Lakeview Hazardous Fuels Reduction	The primary activities proposed under this project are vegetation and surface fuel treatments to reduce hazardous fuels and modify wildland fire behavior.	\$1,250,000	Implementable Project
71	Mendocino National Forest	Hazardous Fuels Reduction in the Upper Lake Watershed	Management of 28,600 acres within the Upper Lake watershed, including hazardous fuels reduction on areas to be determined during the planning stage.	\$0	Planning
92	Napa Berryessa Resort Improvement District	NBRID Wastewater Treatment Plant Replacement	This project will upgrade the existing WWTP. The project will also repair or replace all the existing sewer lift stations.	\$1,500,000	Implementable Project
90	Napa Berryessa Resort Improvement District	NBRID Water Treatment Plant Replacement	The existing water treatment plant will be replaced with a new more technically advanced water treatment plant.	\$2,500,000	Implementable Project
91	Napa Berryessa Resort Improvement District	NBRID Wastewater Storage Pond and Disposal Improvements	This project will upgrade the wastewater storage ponds and disposal spray fields.	\$3,000,000	Implementable Project
72	Napa County	Regional Collaborative Water Conservation Program	Expansion of the implementation of the Regional Water Conservation Education Program's conservation education and consumer incentive programs and build on regional water conservation initiatives.	\$125,000	Implementable Project
134	Proposed by RWMG	Climate Change Adaptation Study		\$0	Planning
130	Putah Creek Council	Pollution Prevention and Watershed Education Project	Putah Creek Council (PCC) will educate Winters students, residents, and visitors about storm water and urban runoff, watershed function, and wildlife habitat along Putah Creek via our "Pollution Prevention and Watershed Education" project.	\$23,500	Implementable Project
129	Putah Creek Council	Native Plant Nursery to Support Putah-Cache Ecotype Restoration	Putah Creek Council (PCC) will manage a native plant nursery to grow Putah Creek plants from wild-collected seeds and cuttings at a nursery at the LA Moran Reforestation Center, Davis.	\$16,000	Implementable Project
136	RECLAMATION DISTRICT 2035	Levee Repairs/Maintenance- Segments 150, 173 and 297	Complete geological analysis, engineering design required to identify and correct levee deficiencies and hazard mitigation recommendations contained in the URS levee evaluation report (2010) completed at the direction of the Department of Water Resources and additional geologic investigation analysis (to be completed) recommendations.	\$0	Feasibility Study
139	RECLAMATION DISTRICT 2035	Floodway Corridor Project	The project consists of three major phases/components: 1) acquisition of Conservation/Flowage Easements - Approx. 7,000 acres.2) New Sacramento River By Pass - A new bypass facility will be constructed to divert flows from the Sac River to the Yolo Bypass. During large storm evens flood flows would be diverted (Sac River) over a new weir to a new bypass channel that would deliver flows to the Yolo Bypass.3) Diverting additional flood flows in to the Yolo Bypass would increase flow and stages in the bypass downstream from the new bypass. To mitigate for potential flow increases, a portion of Conaway Ranch (outside of the Bypass), would be used to convey and store (transitory storage of over 66K acre feet) of flood water during large storm events.	\$0	Feasibility Study
95	Reclamation District 2035	Sacramento River Joint Intake Project	The Project consists of a 400-cfs intake and integrally constructed pump station, new discharge pipeline and appurtenant structures, and demolition of the existing facilities.	\$42,646,000	Implementable Project
140	RECLAMATION DISTRICT 2035	CROSS BYPASS CANAL MODERNIZATION	The project consists of piping (or lining) the Cross Bypass Canal and the installation of flow control and measurement devices to improve the conveyance system and increase water use efficiency.	\$0	Implementable Project

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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135	RECLAMATION DISTRICT 2035	TULE CANAL HABITAT ENHANCEMENT & SEDIMENT REMOVAL	The project consists of: 1) securing an environmental easement that would protect valuable floodplain habitat and adjacent lands from other uses 2) construction of operational facilities for water control and fish passage and 3) regrading portions of the floodplain habitat to increase the quality of seasonally inundation based on managed flows from the Sacramento River.	\$0	Implementable Project
141	RECLAMATION DISTRICT 2035	CONJUNCTIVE USE STUDY	The project consists of the study and analysis of the coordinated use of surface and groundwater that could benefit the agricultural, urban, and environmental interests within, nearby and downstream of Yolo County, especially the North Delta region.	\$0	Planning
138	RECLAMATION DISTRICT 2035	GROUNDWATER STUDIES	Reclamation District 2035's Ground Studies Project will consist of the identification and analysis of issues, if any, surrounding the quality and availability of groundwater.	\$0	Planning
137	RECLAMATION DISTRICT 2035	INSTALLATION OF GROUNDWATER WELLS	Engineer, design and install groundwater wells.	\$0	Planning
104	Reclamation District No. 2068	Pump Station No. 1 and Upstream Drainage Tributary Inflow Metering	This project would involve the installation of metering equipment and data storage to each of the districts four primary water supply pumps, and major points of tributary inflow of agricultural drainage upstream of these pumps.	\$500,000	Implementable Project
98	Reclamation District No. 2068	Canal Headworks Metering	This project would involve the installation of metering equipment, data collection and data storage to each of the districts primary distribution laterals.	\$100,000	Implementable Project
100	Reclamation District No. 2068	Irrigation Billing / Irrigation Management System Improvements	The software for a unique water billing is in need of an update, including enhancements in the user interface, data management capability and software/hardware compatibility.	\$50,000	Implementable Project
102	Reclamation District No. 2068	SCADA Implementation	Install/coordinate local and regional SCADA system to monitor water diversions, pumping plant operations, flood water elevations, groundwater elevations, water distribution within the agency jurisdiction.	\$250,000	Implementable Project
103	Reclamation District No. 2068	Solano Subregion Groundwater Investigations	Continue with the aquifer evaluation, data collection and development of conjunctive capability within Solano and Yolo Counties.	\$0	Implementable Project
101	Reclamation District No. 2068	RD 2068 Levee Slope Modification	SFCWA proposes to construct a large (700+/- acre) aquatic habitat improvement.	\$2,000,000	Implementable Project
99	Reclamation District No. 2068	Agricultural Tail Water Reuse Program	This program proposes to develop an ag water recapture and reuse facility at strategic locations within the agency.	\$50,000	Planning
73	Robinson Rancheria	The Restoration of the Clear Lake Hitch to Blue Lakes	Transfer of live hitch fry to the waters of the Blue Lakes in Lake County.	\$0	Feasibility Study
74	Robinson Rancheria	Spawning Hitch fish and reproduction loss correction measures for an artificial trap	Installation of a grate at the mouth of the manmade ditch along the Rodman Slough to prevent Hitch fatalities.	\$0	Implementable Project
75	Rural Community Assistance Corporation	DAC Community Wastewater Management Project	RCAC will work with Lake County DACs and tribes to create and implement a septic inspection and monitoring program.	\$0	Implementable Program
93	Rural Community Assistance Corporation	Rural Disadvantaged Community (DAC) Partnership Project	RCAC will manage the Prop 84 grant funds to address inadequate water supply and water quality in rural disadvantaged communities (DACs) in the Westside Sacramento IRWM region.	\$0	Planning

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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76	RWMG with selected Lead Agency	Regional Invasives Management Plan	Formation of an Invasive Species task Force/Subcommittee to prepare a Regional Invasive Species Management/Eradiation Plan that documents the extent of invasive species that could be leveraged, and identifies supplemental programs to be developed to fill gaps in existing programs to manage invasive species.	\$0	Implementable Program
79	Scotts Valley Band of Pomo Indians	Eight Mile Valley Meadow Rehabilitation Project	Implementation of the Eight Mile Valley Meadow Rehabilitation project as described in the Design Plan completed in September 2012, including restoration of stream geomorphology, installation of bank protection measures and native plants.	\$1,250,000	Implementable Project
77	Scotts Valley Band of Pomo Indians	Scotts Creek Watershed Assessment	Perform a watershed wide assessment of the physical and biological characteristics of the entire Scotts Creek Watershed located in Lake County, CA	\$250,000	Planning
78	Scotts Valley Band of Pomo Indians	Hitch Habitat Assessment	Identify and assess habitat for the Clear Lake hitch (within the Clear Lake basin.	\$250,000	Planning
23	Solano County Water Agency	Aquatic Nuisance Vegetation Management	The goal of the Aquatic Nuisance Species Management Plan is to minimize the harmful ecological, economic, and social impact of aquatic nuisance species through prevention and management of introduction, population growth, and dispersal into, within, and from Solano County.	\$0	Implementable Program
30	Solano County Water Agency	North Bay Aqueduct Alternate Intake Project	The NBA AIP includes the construction and operation of a new intake and pumping plant on the Sacramento River, conveyance pipeline, and inline storage to divert and convey water from the Sacramento River connecting to the existing NBA pipeline near the North Bay Regional Water Treatment Plant in Fairfield.	\$500,000,000	Implementable Project
42	Solano County Water Agency	Ulatis Flood Control Channel Grade Control	This is a programmatic project to install rock cross-vanes at most remaining bridge crossings to arrest scour and promote some habitat diversity. There are approximately 20 location that would benefit from these installations.	\$500,000	Implementable Project
41	Solano County Water Agency	Solano Project Terminal Reservoir Seismic Mitigation	USBR will require implementation of mitigation measures at Terminal Reservoir embankments to reduce risk of seismic failure. USBR is currently conducting investigation to determine the appropriate solution. SCWA will be required to participate in the planning and construction cost of the retrofit project.	\$50,000,000	Implementable Project
25	Solano County Water Agency	Gibson Canyon Creek Detention Basin	Provide increased flood protection up to 100-year with improved conveyance and containment of out of bank flows. Convert abandoned City wastewater pond to detention basin.	\$10,000,000	Implementable Project
24	Solano County Water Agency	Commercial Washer Rebate Program	This program will offer financial incentives to commercial customers (businesses, multi-family units) who purchase or lease (five-year lease) select commercial washers for commercial laundry or common area multi-family installations.	\$245,000	Planning
37	Solano County Water Agency	Southwestern Sacramento Valley Basin/Solano Subbasin Groundwater-Surface Water Flow Model to Evaluate Recharge, Conjunctive Water Use, and Future Deep Zone Pumpage	The major goal of this project is to consider the potential effects of conjunctive water use scenarios on stakeholders in the greater Solano area, including the Sacramento River and other significant surface water courses in the model area. Another goal of this project is to evaluate the effects of developing new and/or redistributing deep pumpage either horizontally over a spatial area or vertically over different aquifer units with the goal of reducing drawdowns in the basal zone.	\$250,000	Planning
31	Solano County Water Agency	Improve Solano Project SCADA infrastructure	This project is to install contiguous dedicated power and data lines from the top end of the Solano Project system to the bottom. This would allow monitoring of the entire system simultaneously from a central location and could allow automated remote control.	\$4,000,000	Planning
36	Solano County Water Agency	Solano Subbasin Conjunctive Use	Project will improve knowledge on the potential for conjunctive use of groundwater and surface water in the Solano Subbasin. The project will focus on increasing the opportunities for conjunctive groundwater use as a means of increasing water supply and reliability.	\$100,000	Planning

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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Project No.	Lead Agency /Organization	Project Title	Planned Project/Program Types and Activities	Project Cost	Project Type
38	Solano County Water Agency	Source water protection for Delta water sources	This project consists of various improvements such as best management practices, source water protection, and others to reduce the impact of point and non-point sources that could negatively impact Delta water quality, with a particular emphasis on drinking water quality.	\$0	Planning
26	Solano County Water Agency	Improvements to Solano Project Facilities	Today, the Solano project provides irrigation and municipal water to over 400,000 people in Solano County. However, the Solano Project is 60 years old and is in need of upgrades, repairs, and modernization.	\$0	Planning
29	Solano County Water Agency	NBA Infrastructure and Capacity Improvements	The North Bay Aqueduct (NBA) is in need of infrastructure and capacity improvements to increase capacity and minimize WQ impacts, to ensure a reliable water supply for Napa and Solano counties.	\$0	Planning
35	Solano County Water Agency	Risk Assessment of Delta Water Supplies	This project would entail a risk assessment of Delta Water supplies, and would look at the impacts of unforeseen circumstances such as: - Earthquakes - Delta levee failure - Sea level rise - and others as needed	\$0	Planning
39	Solano County Water Agency	Source water protection for Putah Creek watershed	This project consists of various improvements such as best management practices, source water protection, reduction of in-channel erosion, improved stream channel geomorphology, remediation of historic mining and others to reduce the impact of point and non-point sources that could negatively impact the Putah Creek watershed, as well as the Yolo Bypass.	\$0	Planning
40	Solano County Water Agency	Suisun Valley Flood Management	Provide increased flood protection with improved conveyance and containment of out of bank flows between Suisun Valley and Ledge Creek. Site and construct regional detention basin(s).	\$20,000,000	Planning
28	Solano County Water Agency	Large Landscape Water Efficiency Program	This program will offer financial incentives to commercial customers (businesses, multi-family units) to encourage replacement and upgrade of selected irrigation equipment with new water-efficient irrigation equipment.	\$200,000	Planning
43	Solano County Water Agency	Wetland Restoration Research and Impacts to Source Water Quality.	The project will consist of scientific study/research on wetland restoration, organic carbon generation, and other important areas of study, to determine the corresponding impacts on municipal source water quality.	\$0	Planning
33	Solano County Water Agency	Research on Hydrodynamics and WQ Interactions in the Delta.	With large projects such as the Bay Delta Conservation Plan, restoration of thousands of acres of tidal marsh habitat as part of the Delta Biological Opinions, and others, there is a need to better understand the hydrodynamic and water quality interactions in the Delta.	\$0	Planning
34	Solano County Water Agency	Research on Improving Water Treatment for Delta Sources	The project would build upon past research done at the NBA Treatment Facility, and by other Delta users, to improve water treatment methods, reduce DBPs, and improve water treatment for Delta water users, including the SWP and CVP.	\$0	Planning
32	Solano County Water Agency	Solano Invasive Species Program	Program will prevent colonization of any regional water body by quagga or zebra mussels and eliminate or prevent the spread of New Zealand mud snails from Putah Creek.	\$0	Planning
27	Solano County Water Agency	Invasive Plant Removal Program	Program would consist of reducing the geographic extent of invasive plant species (tamarisk, arundo, yellow star thistle, etc.) in riparian and wetland areas in Solano County.	\$0	Planning
106	Solano Resource Conservation District	Waterway Management for Improved Water Quality and Wildlife Habitat	Solano Resource Conservation District will work with partners and landowners to demonstrate integrated waterway and levee management.	\$500,000	Planning
105	Solano Resource Conservation District	Solano County Riparian Habitat Restoration and Enhancement Project	The project will work to improve riparian habitat and reduce noxious weed cover in Eastern Solano County creeks.	\$750,000	Planning

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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80	Tuleyome	Cache Creek Anadromous Fish Reintroduction Project	Conduct studies to look at the physical constraints such as temperature, flow regimes, and spawning opportunities, climate change impacts for the reintroduction of anadromous fish to Cache Creek, institutional issues including safe harbor for the YCFCWCD and stakeholder outreach.	\$500,000	Feasibility Study
108	Tuleyome, Inc.	Sulphur Creek Mercury and Sediment Reduction Project	This project will: 1) Characterize mercury as required to enable erosion control work, 2) Hydrologically disconnect up to 23 miles of road networks that are currently contributing runoff and contaminated sediment to downstream waters, 3) Stabilize 2000 feet of eroding stream banks that are over-steepened and delivering methylmercury contaminated sediment into the stream system, 4) Treat 115 road-related erosion and sediment delivery sites and 5) Stabilize three major valley bottom headcuts that are resulting in serious valley fill erosion along the main stem Sulphur Creek, desiccating alkali wet-meadows and lowering the water table.	\$900,000	Implementable Project
81	Tuleyome, Inc.	Comprehensive Mercury Assessment and Implementation for the Westside Region	This project will: 1) compile and georeference existing data pertinent to characterization of known and potential mercury priority areas in the Westside Region 2) monitor streambeds within the Putah Creek Watershed 3) upload relevant data into a regional or statewide on-line library 4) develop a summary 5) develop best management practices toolkit 6) identify 2-3 feasible priority projects and 7) develop implementation measures using the Toolkit and decision support tools.	\$492,000	Planning
107	Tuleyome, Inc.	Abandoned Mines Remediation Plan for the Cache Creek and Putah Creek Watersheds	Compile existing maps, reports, and other information about the ~80 abandoned mercury mines in the IRWM region indicating location, ownership, and mine production.	\$80,000	Planning
109	Tuleyome, Inc.	Elgin Mine Drainage Water Treatment Project	Compile existing maps, reports, water data, and other information about Elgin Mine in the IRWM region indicating location, ownership history, and mineral production. Address all regulatory requirements, Conduct baseline and post-project monitoring of downstream water, sediment, and biota. Design and construct a hot spring treatment system to minimize mercury loads downstream.	\$1,500,000	Planning
82	West Lake Resource Conservation District	Non-Native Invasive Weed Management Project	This project will maintain the existing weed management program currently being implemented by the Lake County Weed Management Area.	\$0	Implementable Project
114	West Sacramento Area Flood Control Agency	Sacramento River Levee Repair	Correct deficiencies, protect against underseepage, and maintain the Sacramento River Levees to current standards for FEMA 100 yr and SB 5 200 year levels of flood protection.	\$250,000,000	Implementable Project
115	West Sacramento Area Flood Control Agency	Sacramento River Recreational Trail	Construct a continuous 13.1 mile, 192-acre recreation corridor along the entire length of the Sacramento River within City limits.	\$80,000,000	Implementable Project
116	West Sacramento Area Flood Control Agency	Sacramento Bypass-Yolo Bypass Levee Repair Phase II	Correct deficiencies, protect against underseepage, and maintain the Sacramento Bypass and Yolo Bypass Levees to current standards for FEMA 100 yr and urban levee 200 year levels of flood protection.	\$60,900,000	Implementable Project
111	West Sacramento Area Flood Control Agency	Deep Water Ship Channel East Levee Repair	Correct deficiencies, protect against underseepage, and maintain the Port of West Sacramento levees to current standards for FEMA 100 yr and urban levee 200 year levels of flood protection.	\$7,676,000	Implementable Project
113	West Sacramento Area Flood Control Agency	Port of West Sacramento North and South Levee Repair	Correct deficiencies, protect against underseepage, and maintain the Port of West Sacramento levees to current standards for FEMA 100 yr and urban levee 200 year levels of flood protection.	\$58,400,000	Implementable Project
112	West Sacramento Area Flood Control Agency	Deep Water Ship Canal Navigation Levee Repair	Correct deficiencies, protect against underseepage, and maintain the Deep Water Ship Canal Levees to current standards for FEMA 100 yr and urban levee 200 year levels of flood protection.	\$181,018,000	Implementable Project
117	West Sacramento Area Flood Control Agency	West Sacramento South Cross Levee Repair	Correct deficiencies, protect against underseepage, and maintain the West Sacramento South Cross Levee to current standards for FEMA 100 yr and urban levee 200 year levels of flood protection.	\$14,605,000	Implementable Project

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

Westside IRWM Plan Project Screening Results (sorted by Lead Agency, then Project Type)

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1	West Sacramento Area Flood Control Agency	Bees Lakes Preserve	Conserve and develop limited, low-impact pedestrian-only recreational access to a 23-acre open space area containing sensitive aquatic, riparian, emergent and upland habitats which are associated with the Sacramento River.	\$1,000,000	Implementable Project
83	West Sacramento Area Flood Control Agency	Lower Sacramento and Delta North Regional Flood Management Plan	Develop a lower Sacramento and Delta North Regional Flood Management Plan that follows the requirements outlined in the Central Valley Flood Protection Plan (CVFPP)	\$1,734,907	Planning
110	Woodland-Davis Clean Water Agency	Davis-Woodland Water Supply Project	The project is comprised of four regional facility components: (1) a joint RD 2035/WDCWA Sacramento River Intake facility (up to 80 cfs capacity for the WDCWA); (2) 4.5 mile raw water pipeline(s) to convey untreated surface water to a water treatment facility; (3) a regional water treatment facility to treat the surface water before delivery; and (4) 10 miles of treated water pipelines to deliver treated water to local water systems.	\$258,000,000	Implementable Project
132	Yolo Basin Foundation	Lower Putah Creek Restoration from Toe Drain to Putah Creek Diversion Dam (Yolo Bypass Wildlife Area Element)	The project will enhance and restore 300-700 acres of tidal freshwater wetlands and create 5 miles of a new creek channel, entirely within the Yolo Bypass Wildlife Area.	\$1,000,000	Implementable Project
133	Yolo Basin Foundation	Yolo Bypass Wildlife Area Public Use Improvements	This proposal would complete some of the tasks related to enhancement of public use infrastructure; including maintain and improve wildlife observation, angling and hunting.	\$1,000,000	Implementable Project
131	Yolo Basin Foundation	Pacific Flyway Center/Delta Gateway	The Pacific Flyway Center (Center) is a proposed educational facility and site intended to serve the general public, Central Valley area school districts, various public sector agencies and special environmentally focused events and activities.	\$13,000,000	Planning
121	Yolo County	Analysis of BDCP's Yolo Bypass Conservation Measure and Other Measures	Sacramento Area Flood Control Agency (SAFCA) has joined Yolo County (the "partners") in seeking an analysis of the potential flood protection impacts of the conservation measures proposed in the November 2010 Bay Delta Conservation Plan (BDCP) Working Draft .	\$400,000	Feasibility Study
125	Yolo County	Methylmercury Impacts Analyses for the Yolo Bypass	Yolo County proposes to collect data and analyze changes in methyl mercury production and bioaccumulation that could result from (1) a proposed Bay Delta Conservation Plan (BDCP) project to enhance fisheries habitat in the Yolo Bypass; and (2) a Central Valley Flood Protection Plan proposal to expand the Yolo Bypass to improve flood capacity.	\$100,000	Feasibility Study
123	Yolo County	Clarksburg Flood Protection Feasibility Study	The project involves conducting a feasibility study of alternatives to provide a 100-year level of flood protection to the Clarksburg region.	\$200,000	Feasibility Study
120	Yolo County	Yolo County Airport Drainage Plan	In order for the airport to eliminate flooding of its facilities and to expand, a 2005 Drainage Plan engineered by Wood Rogers needs to be implemented.	\$1,250,000	Planning
118	Yolo County Flood Control and Water Conservation District	Conjunctive Water Use Program	This conjunctive water use project envisions using a variety of methods (recharge/recovery, off-stream storage and canal system modernization) to effectively store and conjunctively use groundwater in the District's service area.	\$8,000,000	Implementable Program
84	Yolo County Flood Control and Water Conservation District	Winters Main Canal Modernization Project: Integrated Precision Water Mgmt.	Installation of automatic water control gates, pump flow meters and vegetated native grass canal banks, to improve irrigation efficiency. In addition, planting of native grasses to minimize erosion and decrease use of herbicides.	\$2,175,000	Implementable Project
85	Yolo County Flood Control and Water Conservation District	Abandoned Well Incentive Program	Development of a Regional 3 year Abandoned Well Incentive Program to properly abandon wells.	\$2,200,000	Implementable Project
119	Yolo County Flood Control and Water Conservation District	Moore Siphon Reliability/Restoration Project	Due to the age and exposure of the 72" corrugated metal pipe, as well as Cache Creek erosion issues at both ends of the siphon, the siphon well either need to be replaced or rehabilitated in the near future.	\$1,000,000	Implementable Project

13 and 18 December 2012, Stakeholder Meeting Handout 3c

DRAFT 12/5/2012

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124	Yolo County Parks	Lower Cache Creek Campground and Habitat Restoration	The project involves the construction of approximately 9 new camp sites and potentially 9 rural campsites at the Yolo County Lower Cache Creek Park site as well as restoration of significant riparian and upland environments.	\$1,083,143	Implementable Project
127	Yolo County Resource Conservation District	Agricultural Drain, Slough and Canal Riparian Habitat Enhancement	Control of invasive weeds, site preparation, installation of native trees, shrubs, grasses and/or forbs as appropriate to the site, and 2 years of vegetation management/ maintenance post-plant along natural and man-made waterways, with focus on Cottonwood, Union School, Willow and Chickahominy sloughs; and main irrigation supply canals in western Yolo County.	\$750,000	Implementable Project
126	Yolo County Resource Conservation District	Implementation of the Cache Creek Watershed Invasive Weed Management Plan	The newly completed Cache Creek Watershed Invasive Weed Management Plan (CCW-IWMP), a living document, identifies specific invasive plants for either eradication, containment or monitoring and prioritizes weeds within those categories. Starting in the upper watershed and working downstream we will use weed mapping information to eradicate those which can be eradicated, contain the edges of those identified in that category, and monitor so as to continually update the plan and re-prioritize and implement vegetation management actions.	\$250,000	Implementable Project
86	Yolo County Service Area #6	County Service Area (CSA) #6 Levee Repair Project	Non-urban levee repair project as part of the levee rehabilitation identified to restore the District levee to its authorized level of flood protection.	\$3,222,450	Implementable Projects
122	Yolo County, Natural Resources Division	Cache Creek Parkway Plan	Once complete the Plan will result in a comprehensive planning document that will guide the restoration and ultimate uses of County owned lands within the Cache Creek Area Plan boundary.	\$300,000	Planning