

Westside IRWM Plan Project Screening Results (sorted by Project Type)

Project No.	Lead Agency /Organization	Project Title	Planned Project/Program Types and Activities	Total Criteria Score	Readiness to Proceed	Project Cost	Potentially Eligible for DWR Implementation Grants	Potentially Eligible for Critical DAC Project	Project Type
4	Lower Putah Creek Council	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	11	4	\$20,000	No	No	Feasibility Study
5	Lower Putah Creek Council	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.	11	4	\$35,000	No	No	Feasibility Study
6	Lower Putah Creek Council	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.	11	4	\$30,000	No	No	Feasibility Study
8	Lower Putah Creek Council	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.	11	4	\$30,000	No	No	Feasibility Study
10	Lower Putah Creek Council	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.	11	4	\$40,000	No	No	Feasibility Study
9	Lower Putah Creek Council	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.	11	4	\$25,000	No	No	Feasibility Study
11	Lower Putah Creek Council	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.	11	4	\$20,000	No	No	Feasibility Study
12	Lower Putah Creek Council	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.	11	4	\$40,000	No	No	Feasibility Study
13	Lower Putah Creek Council	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.	11	4	\$35,000	No	No	Feasibility Study
16	Lower Putah Creek Council	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.	11	4	\$25,000	No	No	Feasibility Study
17	Lower Putah Creek Council	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.	11	4	\$30,000	No	No	Feasibility Study
18	Lower Putah Creek Council	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.	11	4	\$30,000	No	No	Feasibility Study
19	Lower Putah Creek Council	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.	11	4	\$25,000	No	No	Feasibility Study
21	Lower Putah Creek Council	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.	11	4	\$30,000	No	No	Feasibility Study
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.	8	1	\$50,000	No	No	Feasibility Study
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.	8	3	\$0	No	No	Feasibility Study
57	Lake County Water Resources Department	Update Cost/Benefit analysis for Lakeport Dam	The Lakeport Dam Project proposed building a dam on Scotts Creek above Lakeport. It was shelved due to excessive cost projections in 1984. A new analysis may show increased benefits to offset costs for future water management needs in the Region.	7	2	\$0	No	No	Feasibility Study
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 .	7	3	\$400,000	No	No	Feasibility Study
125	Yolo County	Methylmercury Impacts Analyses for the Yolo Bypass	Yolo County proposes to collect data and analyze changes in methylmercury 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.	7	3	\$100,000	No	No	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.	6	2	\$200,000	No	No	Feasibility Study
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.	16	7	\$8,000,000	Yes	Yes	Implementable Program
136	Lake County Water Resources Department	Implement Clear Lake Integrated Aquatic Management Plan	This Program provides for prevention and control of both invasive and nuisance aquatic plants. Both types of plant infestations severely damage aquatic ecosystems, the area recreation-related economy and the enjoyment of the lake environment by residents.	13	6	\$0	Yes	No	Implementable Program
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.	11	6	\$0	Yes	No	Implementable Program
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.	19	8	\$258,000,000	Yes	No	Implementable Project
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.	18	8	\$42,646,000	Yes	No	Implementable Project
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.	15	6	\$1,500,000	Yes	Yes	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.	15	8	\$3,100,000	Yes	No	Implementable Project
15	Lower Putah Creek Council	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.	15	8	\$1,000,000	Yes	No	Implementable Project

Westside IRWM Plan Project Screening Results (sorted by Project Type)

Project No.	Lead Agency /Organization	Project Title	Planned Project/Program Types and Activities	Total Criteria Score	Readiness to	Project Cost	Potentially Eligible for DWR Implementation Grants	Potentially Eligible for Critical DAC Project	Project Type
137	Lake County Water Resources Department	Implement Lake County Weed Management Plan	This Project provides for control of terrestrial invasive weed species that inhabit riparian habitats following stream courses and shorelines.	14	6	\$0	Yes	No	Implementable Project
2	Lower Putah Creek Council	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.	14	7	\$350,000	Yes	No	Implementable Project
3	Lower Putah Creek Council	Apricot Draw Bank Stabilization	Restore 3,000 feet of Apricot Draw, stabilizing eroding banks, removing invasive weeds and planting native vegetation.	14	7	\$120,000	Yes	No	Implementable Project
7	Lower Putah Creek Council	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.	14	7	\$150,000	Yes	No	Implementable Project
14	Lower Putah Creek Council	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.	13	6	\$10,000	Yes	No	Implementable Project
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.	13	7	\$1,083,143	Yes	Yes	Implementable Project
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.	12	3	\$900,000	Yes	Yes	Implementable Project
20	Lower Putah Creek Council	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.	12	5	\$100,000	Yes	No	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.	12	5	\$1,000,000	Yes	Yes	Implementable Project
52	Lake County Water Resources Department	Middle Creek Flood Damage Reduction and Ecosystem Restoration Project	Removal of flood-prone residences and restoration of 1600 acres of wetlands in Clear Lake currently converted to farmland by levee system.	12	6	\$48,000,000.00 in 2006 dollars	Yes	Yes	Implementable Project
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.	12	6	\$23,500	Yes	No	Implementable Project
62	Lake County Water Resources Department	Remediation of Sulphur Bank Mercury Mine	Contain or remove mercury contamination from Sulphur Bank Mine site.	12	7	\$0	Yes	No	Implementable Project
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.	11	3	\$1,000,000	Yes	Yes	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.	11	4	\$5,251,000	Yes	No	Implementable Project
22	Lower Putah Creek Council	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.	11	5	\$175,000	Yes	No	Implementable Project
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.	11	5	\$500,000,000	Yes	No	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.	11	6	\$3,000,000	Yes	No	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.	11	6	\$16,000	Yes	No	Implementable Project
42	Solano County Water Agency	Ulatris 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.	11	6	\$500,000	Yes	No	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.	10	4	\$1,000,000	Yes	No	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.	10	5	\$2,500,000	Yes	No	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.	10	5	\$1,000,000	Yes	No	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.	10	7	\$1,500,000	Yes	No	Implementable Project
135	Lake County Water Resources Department	Complete and Implement Adobe Creek Conjunctive Use Plan	This Plan involves modification of the Highland Springs Reservoir on Adobe Creek to increase water storage and make water available for fish habitat improvement and groundwater recharge.	9	1	\$0	Yes	No	Implementable Project
126	Yolo County Resource Conservation District	Implementation of the Cache Creek Watershed Invasive Weed Management Plan	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.	9	3	\$250,000	Yes	No	Implementable Project
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.	9	4	\$1,500,000	Yes	No	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.	9	5	\$50,000,000	Yes	No	Implementable Project
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.	14	4	\$500,000	No	No	Planning
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.	13	3	\$0	Yes	Yes	Planning

Westside IRWM Plan Project Screening Results (sorted by Project Type)

Project	Lead Agency	Project Title	Planned Project/Program Types and Activities	Total Criteria Score	Readiness to	Project Cost	Potentially Eligible for DWR Implementation Grants	Potentially Eligible for Critical DAC Project	Project Type
47	Cortina Band of Wintun Indians	Increasing water quantity and quality for public health and adequate ability to survive in Colusa Co.	multi phase projects: 1.) Find more water using Geophysical water to location for new storage tanks, 3.) Build (2) 50,000 tanks for storage, 4.) Treat 50,000 gallons of water in storage for human consumption and 5.) Replace a 40+ year system of in the ground infrastructure of our existing system to accept higher PSI and use double lines to transport both gray and potable water.	13	4	\$50,000	No	No	Planning
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.	11	3	\$100,000	No	No	Planning
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.	11	3	\$50,000	No	No	Planning
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.	11	4	\$245,000	Yes	Yes	Planning
116	West Sacramento Area Flood Control Agency	Sacramento Bypass-Yolo Bypass Levee Repair	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.	11	4	\$60,900,000	Yes	Yes	Planning
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.	11	4	\$250,000,000	Yes	Yes	Planning
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.	11	4	\$80,000,000	Yes	Yes	Planning
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.	11	4	\$300,000	No	No	Planning
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.	10	2	\$250,000	No	No	Planning
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.	10	2	\$0	No	No	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.	10	2	\$80,000	Yes	Yes	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.	10	3	\$250,000	No	No	Planning
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.	10	3	\$1,000,000	No	No	Planning
59	Lake County Water Resources Department	Restore stream channel hydrology and related riparian and aquatic habitats	Area stream channels have been heavily modified for flood control and from gravel mining. Returning them to more natural channels will improve habitat, increase groundwater recharge, and reduce erosion.	9	2	\$0	No	No	Planning
134	Proposed by RWMG	Climate Change Adaptation Study	This proposal would complete some of the tasks related to enhancement of public use infrastructure; including maintain and improve wildlife observation, angling and hunting.	9	2	\$0	No	No	Planning
101	Reclamation District No. 2068	RD 2068 Levee Slope Modification	SFCWA proposes to construct a large (700+/- acre) aquatic habitat improvement.	9	2	\$2,000,000	No	No	Planning
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.	9	2	\$7,676,000	No	No	Planning
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.	9	2	\$58,400,000	No	No	Planning
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.	9	3	\$13,000,000	No	No	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.	9	4	\$400,000	No	No	Planning
60	Lake County Water Resources Department	Develop and implement Lake County Clean Water Program	New storm water management regs are being developed to control storm sewer runoff. These regs will involved increased costs to Lake County to implement new storm water management actions including water quality testing and regular inspections of regulated users.	8	2	\$0	No	No	Planning
64	Lake County Water Resources Department	Expand Programs to Prevent Illegal Waste Disposal	Illegal dumping and disposal of waste, trash and liquids presents a significant hazard to area water bodies and prevention and education programs are needed to control these illegal practices	8	2	\$0	No	No	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	8	2	\$0	No	No	Planning
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.	8	2	\$0	No	No	Planning
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.	8	2	\$181,018,000	No	No	Planning
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.	8	2	\$14,605,000	No	No	Planning
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.	8	3	\$487,000	No	No	Planning

Westside IRWM Plan Project Screening Results (sorted by Project Type)

Project	Lead Agency	Project Title	Planned Project/Program Types and Activities	Total Criteria Score	Readiness to	Project Cost	Potentially Eligible for DWR Implementation Grants	Potentially Eligible for Critical DAC Project	Project Type
85	Lake County Water Resources Department	Algae Bloom Mitigation Education	Improve education programs that provide public with information on algae control programs and proper management techniques.	8	3	\$0	No	No	Planning
80	Lake County Water Resources Department	Clear Lake Water Quality Assessment	This Project is a two year program to assess limnological conditions and watershed management measures necessary to meet applicable TMDL water quality standards in Clear Lake.	8	3	\$540,000	No	No	Planning
86	Lake County Water Resources Department	Develop Watershed Education Program for Off Highway Vehicle Users	Improve education programs that provide public with information on trail use and management.	8	3	\$0	No	No	Planning
84	Lake County Water Resources Department	Increase Clear Lake Watershed Education and Outreach	Improve education programs that provide public with information on watershed programs and proper management techniques.	8	3	\$0	No	No	Planning
79	Lake County Water Resources Department	Satellite Remote Sensing for Nutrients in Clear Lake	This Project uses satellite remote sensing to determine the location and concentration of various nutrients in Clear Lake.	8	3	\$81,500	No	No	Planning
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.	8	3	\$0	Yes	Yes	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.	8	3	\$0	No	No	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.	8	3	\$0	No	No	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.	8	3	\$100,000	No	No	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.	8	4	\$4,000,000	No	No	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.	8	4	\$500,000	No	No	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.	7	1	\$1,500,000	Yes	Yes	Planning
81	Lake County Water Resources Department	Coordinate Current Watershed Monitoring Programs	Improve access to all water resources and related data for Plan Area.	7	2	\$0	No	No	Planning
53	Lake County Water Resources Department	Develop and Implement an Interagency Communication and Coordination Program	Improve communication and coordination amongst all involved water resource management agencies and water purveyors	7	2	\$0	No	No	Planning
63	Lake County Water Resources Department	Improve Wastewater Treatment for Unsewered Areas	Wastewater treatment in unsewered areas needs to improve and expand to meet increasing population, changing treatment standards and the need for treated effluent for reuse.	7	2	\$0	No	No	Planning
73	Lake County Water Resources Department	Improve Water Resources Library/ Information Access	Improve access to all water resources and related data for Plan Area.	7	2	\$0	No	No	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.	7	2	\$0	No	No	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.	7	2	\$0	No	No	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.	7	2	\$0	No	No	Planning
87	Lake Berryessa Resort Improvement District	LBIRD Wastewater Storage Pond and Disposal Improvements	This project will upgrade the wastewater storage ponds and disposal spray fields.	7	3	\$3,000,000	No	No	Planning
58	Lake County Water Resources Department	Review / Revise Wetlands Policies and Ordinances	Wetlands policies and laws for Lake County need to be reviewed and revised as needed to ensure compliance with applicable management plans.	7	3	\$0	No	No	Planning
94	Rural Community Assistance Corporation	Small Community Wastewater Management	By establishing a septic system inspection and monitoring program for communities served by individual septic systems, we would offer training and guidance for an affordable solution to ensuring better environmental health to disadvantaged, tribal and local small communities.	7	3	\$0	Yes	Yes	Planning
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.	7	3	\$10,000,000	No	No	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 Ledgewood Creeks. Site and construct regional detention basin(s).	7	3	\$20,000,000	No	No	Planning
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.	7	3	\$1,250,000	No	No	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.	7	4	\$200,000	Yes	No	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.	7	4	\$750,000	No	No	Planning
61	Lake County Water Resources Department	Continue Expansion of Area Wastewater Treatment System Capital Improvement Program	Area wastewater treatment facilities need to improve and expand their operations to meet increasing population, changing treatment standards and the need for treated effluent for reuse.	6	2	\$0	No	No	Planning
74	Lake County Water Resources Department	Implement Invasive Mussel and Snail Infestation Prevention Program	This Program provides for watercraft inspection and decontamination to prevent and control infestation of area water bodies with invasive aquatic invertebrates including Quagga and Zebra Mussels and New Zealand Mud Snails.	6	2	\$0	No	No	Planning
54	Lake County Water Resources Department	Increase Reuse of Treated Wastewater	Determine availability of treated wastewater and plan for it's use as substitute for potable water.	6	2	\$0	No	No	Planning

Westside IRWM Plan Project Screening Results (sorted by Project Type)

Project	Lead Agency	Project Title	Planned Project/Program Types and Activities	Total Criteria Score	Readiness to	Project Cost	Potentially Eligible for DWR Implementation Grants	Potentially Eligible for Critical DAC Project	Project Type
56	Lake County Water Resources Department	Increase Water Conservation Education	Develop and implement water conservation education programs for general public, water providers, businesses and industries, and school use.	6	2	\$0	Yes	No	Planning
75	Lake County Water Resources Department	Pursue Cache Creek Flow Enhancement Project	This Project would continue efforts to remove flow restrictions in the outflow of Clear Lake to enhance Lake flood control and downstream water use.	6	2	\$0	No	No	Planning
78	Lake County Water Resources Department	Update Habitat Protection Elements in Lake County Shoreline Ordinance	This Project modifies Shoreline Ordinance to ensure protection of wildlife habitat and water quality in Clear Lake	6	2	\$0	No	No	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.	6	2	\$0	No	No	Planning
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).	6	3	\$1,500,000	No	No	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.	6	3	\$0	No	No	Planning
67	Lake County Water Resources Department	Develop and Implement Habitat Improvement Plan for Clear Lake Native Fish.	This Plan provides for in-lake and spawning habitat improvement for native species of fish in Clear Lake.	5	2	\$0	No	No	Planning
83	Lake County Water Resources Department	Develop Volunteer Watershed Monitoring Program	Improve watershed monitoring to accurately determine effectiveness of various watershed management programs.	5	2	\$0	No	No	Planning
69	Lake County Water Resources Department	Identify and Protect Important Native Fish Spawning Areas in Clear Lake Tributaries	This Plan provides for identification and rehabilitation of native fish spawning areas in the tributary streams to Clear Lake.	5	2	\$0	No	No	Planning
68	Lake County Water Resources Department	Identify and Protect Important Wildlife Habitat Areas in Clear Lake	This Plan provides for protection of important wildlife habitat areas within Clear Lake including bird nesting areas and shoreline wildlife preserves.	5	2	\$0	No	No	Planning
66	Lake County Water Resources Department	Implement Lake County Community Wildfire Protection Plan	This Plan provides, in part, for management of area watershed vegetation to reduce risk of catastrophic wildfires that denude slopes and increase runoff and erosion.	5	2	\$0	No	No	Planning
82	Lake County Water Resources Department	Improve Clear Lake Watershed Monitoring Programs to Meet TMDL Objectives	Improve watershed monitoring to accurately determine effectiveness of Total Maximum Daily Load (TMDL) pollution control measures.	5	2	\$0	No	No	Planning
65	Lake County Water Resources Department	Improve Watershed Roads and Trails to Reduce Soil Erosion.	Dirt roads and trails in area watersheds produce significant soil erosion and need to be identified and managed to control this erosion.	5	2	\$0	No	No	Planning
55	Lake County Water Resources Department	Increase water conservation in new developments and remodeling.	Mandate water use requirements for new developments and remodeled structures.	5	2	\$0	No	No	Planning
72	Lake County Water Resources Department	Support and Expand Ecotourism Opportunities	This Project provides for education and promotion of the ecotourism recreation opportunities available in the Clear Lake area including wildlife observation areas and volunteer work projects.	5	2	\$0	No	No	Planning
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.	5	2	\$750,000	No	No	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.	5	3	\$0	No	No	Planning
76	Lake County Water Resources Department	Implement Floodplain Development Restrictions	This Project would restrict development in floodplains to land uses compatible with expected flood hazards.	4	2	\$0	No	No	Planning
71	Lake County Water Resources Department	Implement Konocti Regional Trails Plan including Water Trails	This Project provides for a regional system of trails and water routes (kayak trails) for improving recreation opportunities in the area.	4	2	\$0	No	No	Planning
70	Lake County Water Resources Department	Improve Lake Access and Public Amenities	This Project provides for improvement of water-based recreation by improving Lake access and related amenities including parks, rest rooms, camping areas, etc.	4	2	\$0	No	No	Planning
77	Lake County Water Resources Department	Reduce Flood Damage in Developed Areas	This Project provides funding for buyouts and relocations, or flood proofing modifications for existing structures within flood prone areas.	4	2	\$0	No	No	Planning

Note: Projects 96 and 97 were duplicates and are not included in this project list.