

**Table D-8: Westside IRWM Plan Project Screening Results
(Resource Management Strategy Matrix)**

Project No.	Project Title	Resource Management Strategies																										
		Reduce Water Demand		Improve Operational Efficiency and Transfers			Increase Water Supply					Improve Water Quality					Practice Resources Stewardship							Improve Flood Management				
		Agricultural Water Use Efficiency	Urban Water Use Efficiency	Conveyance Delta	Conveyance Regional/Local	System Reoperation	Water Transfers	Conjunctive Management & Groundwater	Desalination	Precipitation Enhancement	Recycled Municipal Water	Surface Storage CALFED	Surface Storage Regional/Local	Drinking Water Treatment & Distribution	Groundwater and Aquifer Remediation	Matching Water Quality to Use	Pollution Prevention	Salt and Salinity Management	Urban Runoff Management	Agricultural Lands Stewardship	Economic Incentives	Loans Grants & Water	Ecosystem Restoration	Forest Management	Land Use Planning and Management	Recharge Areas Protection	Waterdependent Recreation	Watershed Management
1	Bees Lakes Preserve																					X				X		
2	505-East Channel Restoration																						X					X
3	Apricot Draw Bank Stabilization																						X					X
4	Dry Creek Wildlife Migration Corridor Feasibility Study												X			X							X					X
5	Duncan-Giovannoni Channel Restoration Feasibility Study																						X					X
6	Glide Ranch Channel Restoration Feasibility Study																						X					X
7	Putah Creek Interdam Reach Invasive Weed Control																						X					X
8	Lower McNamara Pool Channel Reconfiguration Feasibility Study																						X					X
9	MacQuiddy Channel Reconfiguration Feasibility Study																						X					X
10	Mace to Road 106A Channel Restoration Feasibility Study																						X					X
11	Nishikawa Channel Restoration Feasibility Study																						X					X
12	Old Davis Road to Mace Channel Restoration Feasibility Study																						X					X
13	Olmo-Hammond-UCD Channel Restoration Feasibility Study																						X					X
14	Pleasant Creek Wildlife Migration Corridor Plan															X							X					X
15	Pleasants Creek Bank Stabilization															X							X					X
16	Restoria Channel Restoration Feasibility Study																						X					X
17	Road 106A to Yolo Bypass Channel Restoration Feasibility Study																						X					X
18	Russell Ranch Channel Restoration Feasibility Study																						X					X
19	Stevenson Bridge Channel Restoration Feasibility Study																						X					X
20	Thompson Canyon Bank Stabilization Design and Permits																						X					X

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21	Upper McNamara Pool Channel Reconfiguration Feasibility Study																					X					X		
22	Warren Weed Control																					X						X	
23	Aquatic Nuisance Vegetation Management																					X						X	
24	Commercial Washer Rebate Program		X	X																									
25	Gibson Canyon Creek Detention Basin																											X	
26	Improvements to Solano Project Facilities				X								X																
27	Invasive Plant Removal Program																					X							
28	Large Landscape Water Efficiency Program		X	X																									
29	NBA Infrastructure and Capacity Improvements			X	X						X	X																	
30	North Bay Aqueduct Alternate Intake Project			X	X							X		X								X							
31	Improve Solano Project SCADA infrastructure	X	X			X																							
33	Research on Hydrodynamics and WQ Interactions in the Delta.			X	X								X																
34	Research on Improving Water Treatment for Delta Sources												X																
35	Risk Assessment of Delta Water Supplies			X	X								X																
36	Solano Subbasin Conjunctive Use			X	X		X							X												X			
37	Southwestern Sacramento Valley Basin/Solano Subbasin Groundwater-Surface Water Flow			X	X		X							X								X			X		X		
38	Source water protection for Delta water sources												X															X	
39	Source water protection for Putah Creek watershed												X									X				X	X		
40	Regional Invasive Plants, Aquatic and Terrestrial Weeds Management Plan																					X	X			X	X		
42	Ulatis Flood Control Channel Grade Control				X																	X							

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43	Wetland Restoration Research and Impacts to Source Water Quality.												X									X		X					
44	City of Clearlake Stormwater Management Plan (SWMP), Storm Drainage and Flood Control Lower Cache Creek Flood Risk Reduction Project	X	X		X					X			X		X	X		X	X	X	X	X	X			X	X	X	
45																					X								X
46	Bear Creek Habitat Enhancement																				X						X	X	
48	Crescent Bay Improvement Company					X		X					X			X				X						X		X	
49	Dixon Main Drain / V-drain Enlargement Project	X														X			X	X	X						X	X	
50	Eastside Drain	X														X			X	X	X						X	X	
51	Storm Flow Reduction From Agricultural Lands North of Interstate 80	X														X			X	X	X						X	X	
52	Implementation of the Cache Creek Resources Management Plan																		X	X			X			X	X	X	
53	Invasive Plant Removal in Ulatis Creek	X					X												X	X	X	X	X			X	X	X	
55	Plant Intake												X		X		X	X	X	X	X	X	X	X	X	X	X	X	
56	Upper Putah Creek Watershed Management Plan															X					X						X		
57	Restore Native Fish Spawning Areas in Clear Lake Tributaries															X					X					X	X		
58	Reduce Flood Damage															X					X					X	X	X	
59	Middle Creek Flood Damage Reduction and Ecosystem Restoration Project															X					X					X	X	X	
60	Improve Watershed Roads and Trails to Reduce Soil Erosion															X					X	X	X			X	X		
61	Improve Water Dependent Recreation Opportunities																									X			
62	Identify, Protect and restore Important Wildlife Habitat Areas in Clear Lake															X					X					X	X		
63	Develop and Implement a Comprehensive Watershed Monitoring Programs						X			X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	
64	Develop a Native Fish Management Plan																		X	X	X	X	X	X	X	X	X		

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65	Collaborative Process to Update Clear Lake Integrated Watershed Management Plan	X	X				X			X		X	X		X	X		X	X	X	X	X	X	X	X	X	X	X
66	Clear Lake Water Quality Assessment												X			X						X				X	X	
67	Cache Creek Flow Enhancement Project				X							X														X		X
68	Assess stream channel hydrology and related riparian and aquatic habitats for restoration						X							X		X						X		X	X	X	X	X
69	Adobe Creek Conjunctive Use Project					X	X					X		X								X					X	X
70	Lakeview Hazardous Fuels Reduction															X						X	X			X	X	X
71	Hazardous Fuels Reduction in the Upper Lake Watershed															X						X	X			X	X	X
72	Regional Collaborative Water Conservation Program	X	X	X	X		X			X		X	X	X	X	X		X	X	X	X						X	
73	The Restoration of the Clear Lake Hitch to Blue Lakes	X	X	X	X	X	X	X	X	X	X	X										X					X	
74	Spawning Hitch fish and reproduction loss correction measures for an artificial trap																					X						
75	DAC Community Wastewater Management Project													X		X												
76	Regional Invasive Mussels Management Plan																					X	X			X	X	
80	Cache Creek Anadromous Fish Reintroduction Project																					X				X		
81	Comprehensive Mercury Assessment and Implementation for the Westside Region														X	X				X	X		X	X	X	X	X	X
82	Non-Native Invasive Weed Management Project																					X					X	
83	Lower Sacramento and Delta North Regional Flood Management Plan											X										X				X		X
84	Winters Main Canal Modernization Project: Integrated Precision Water Mgmt.	X			X		X															X				X		
85	Abandoned Well Incentive Program													X		X												
86	County Service Area (CSA) #6 Levee Repair Project																											X
87	LBRID Wastewater Storage Pond and Disposal Improvements														X	X												

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88	Water Tank Replacement Project													X															
89	Soda Bay Water System Improvements	X	X											X	X						X								
90	NBRID Water Treatment Plant Replacement		X											X															
91	NBRID Wastewater Storage Pond and Disposal Improvements														X	X										X			
92	NBRID Wastewater Treatment Plant Replacement														X	X													
93	Rural Disadvantaged Community (DAC) Partnership Project													X		X					X								
94	Increase Cache and Putah Creek Watershed Education and Outreach	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
96	Mid Valley, Knights Landing Repair Project																												X
97	Form Task Force/Subcommittee to strategize and implement Watershed Education and	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
99	Agricultural Tail Water Reuse Program	X														X				X									
100	Irrigation Billing / Irrigation Management System Improvements	X			X			X								X				X								X	
102	SCADA Implementation	X			X																							X	
105	Solano County Riparian Habitat Restoration and Enhancement Project																					X							
106	Waterway Management for Improved Water Quality and Wildlife Habitat																			X		X					X	X	X
108	Sulphur Creek Mercury and Sediment Reduction Project														X	X										X	X		X
109	Elgin Mine Drainage Water Treatment Project														X	X					X					X	X		
111	Deep Water Ship Channel East Levee Repair																					X				X			X
112	Deep Water Ship Canal Navigation Levee Repair																					X				X			X
113	Port of West Sacramento North and South Levee Repair																					X				X			X
114	Sacramento River Levee Repair																					X				X			X

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115	Sacramento River Recreational Trail																				X				X		
116	Sacramento Bypass-Yolo Bypass Levee Repair Phase II																				X				X		X
117	West Sacramento South Cross Levee Repair																				X				X		X
118	Conjunctive Water Use Program	X					X													X				X	X		
119	Moore Siphon Reliability/Restoration Project	X			X																						
120	Yolo County Airport Drainage Plan																						X			X	X
122	Cache Creek Parkway Plan																		X		X			X	X	X	X
123	Clarksburg Flood Protection Feasibility Study																										X
125	Methylmercury Impacts Analyses for the Yolo Bypass															X											
126	Implementation of the Cache Creek Watershed Invasive Weed Management Plan															X			X		X						X
127	Agricultural Drain, Slough and Canal Riparian Habitat Enhancement															X			X		X					X	X
128	Program to Prevent Wastewater Discharges														X												
129	Native Plant Nursery to Support Putah-Cache Ecotype Restoration																				X						
130	Pollution Prevention and Watershed Education Project		X													X		X									
131	Pacific Flyway Center/Delta Gateway																		X		X				X		
132	Lower Putah Creek Restoration from Toe Drain to Putah Creek Diversion Dam (Yolo Bypass)																				X						
133	Yolo Bypass Wildlife Area Public Use Improvements																								X		
134	Climate Change Adaptation Study																		X		X	X				X	
135	Tule Canal Habitat Enhancement & Sediment Removal																			X							X
136	Levee Repairs/Maintenance- Segments 150, 173 and 297																										X

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137	Installation of Groundwater Wells	X					X							X														
138	Groundwater Studies	X					X						X															
139	Floodway Corridor Project			X							X																	X
140	Cross Bypass Canal Modernization	X			X																							
141	Conjunctive Use Study	X	X				X					X		X													X	
142	Centennial Park Riparian Forest Restoration and Loop Trail Development Project															X					X	X			X			X
143	Regional Capital Improvement Plan																											
145	Municipal Well at the George Kristoff Water Treatment Plant		X				X	X				X																
147	Paradise Valley-Clearlake Oaks County Water Consolidation											X									X							
148	Spring Valley Water System Distribution Line Loop		X								X	X		X							X							
150	Mt. Hannah, CSA #22 Water System											X									X							
151	Regional Drought Preparedness through Increased Groundwater Recharge	X				X	X												X					X				
152	Corona & Twin Peaks Mines Cleanup													X	X	X				X	X	X	X	X	X	X	X	
153	Sewer Lift Station Upgrades												X			X												
154	Sewer Lift Station Upgrades											X				X												
155	Lower Putah Creek Restoration: Monticello Dam to Dry Creek																											
156	Solano and Napa County Drought Relief Project		X																									
159	City of Winters Drinking Water Hexavalent Chromium (Cr6) Compliance Project		X			X	X		X			X	X	X						X				X				
160	Parks and Greenbelts Irrigation and Landscape Upgrades		X				X				X			X	X			X						X		X		
161	Leak Detection Survey		X		X																							

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162	Drainage Channel Feasibility Study		X		X										X	X		X			X				X	X	X
163	Retention Pond Feasibility Study		X		X										X	X		X			X				X	X	X
164	Russel Boulevard Demonstration LID Project		X		X					X					X	X		X			X				X	X	X
166	Recycled Water Conversion projects	X	X										X							X	X	X	X	X	X	X	
167	Davis Greenbelts Landscape Conversions		X									X				X		X					X		X		
168	Harper Junior High Water Conservation Improvements		X									X				X		X					X		X		
169	Recycled Water Projects	X	X							X			X						X	X							
170	Water Storage Tank Replacement Project		X											X													
171-YS	Agricultural Stormwater Improvements	X								X						X			X						X	X	X
172-YS	Arboretum Waterway Wetland Restoration and Enhancement		X													X	X	X			X				X	X	X
173-YS	Bike Tunnel Landscaping Redesign for Stormwater Quality Improvement		X		X					X					X	X		X			X				X	X	X
174-YS	Feasibility Study for Stormwater Trash Control Measures														X	X		X			X				X	X	X
175-YS	Flood Monitoring Network Project																										
176-YS	Forbes Ranch Regulating Pond															X		X									X
177-YS	Knights Landing Storm Drain Project																	X									X
178-YS	Knights Landing Underground Drainage Study																	X									X
179-YS	Madison Drainage Study																	X									X
180-YS	North Regional Pond and Pump Station																	X							X		X
181-YS	Raise Highway 16 Out of Flood plain																	X									X
182-YS	Site Survey for Converting Rocky Swales to Bioswales		X		X											X	X		X						X	X	X

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183-YS	Site Survey for Hardscape Conversion to Pervious Pavement		X		X		X								X	X		X			X					X	X	X
184-YS	Upstream Flow Management to Prevent Madison Flooding and to Facilitate GW West Adams Canal Renovation and China Slough Rehabilitation Project				X	X	X				X																X	X
185-YS	West Area Pond Redesign	X			X	X	X									X		X									X	X
186-YS	Winters Bioswales Project and Habitat Enhancement		X		X										X	X		X			X					X	X	X
187-YS	Winters North Area Stormwater Pond Yolo County Drains and Sloughs -- Governance and Maintenance Study				X	X	X									X		X									X	X
189-YS	Madison Farmer Field Stormwater Capture and Groundwater Recharge	X			X		X									X		X									X	X
190-YS	Western Yolo Sloughs Citizen Science Program				X		X																	X			X	X
191-YS	Barker Slough Water Quality and Habitat Restoration Project															X			X		X						X	
192	Well 31 ASR Project						X				X	X																
193	Outfall Channel Culvert Replacement Project				X																							X
194	Woodland Recycled Water Utility Expansion Project (Phase II)													X						X								
195	Woodland Recycled Water Utility Expansion Project (Phase III)													X						X								
196	Cronin Ranch Habitat Corridor Project						X									X			X	X	X		X					
197	Ulati Creek Riparian Floodplain Restoration Project															X			X	X	X		X					X
198	Solano County K-12 Watershed Education in the Sacramento River Watershed		X													X		X	X						X	X		
199	Centennial Park Pine Creek and Wetlands Habitat Restoration Project						X									X					X							X
200	Davis Wetlands Public Access Improvements				X		X			X						X		X			X		X					
201	Davis Manor Neighborhood Green Street Project		X				X							X		X		X			X		X			X	X	X
202							X																			X	X	X

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203	Recycled Water Pump Station	X	X				X			X					X				X					X					
204	Sewer Lateral Replacement															X													