

# Proposed CALFED Water Quality Action

		Data Availability	Direct Effect on Improvements	Probability of Success	Cost-Sharing Opportunities	Information Collection Activity	Score
American/Sacramento Rivers	Priority Action	Control algal blooms in American River	1	1	1	1	5
	Information Needed	Reduce impacts from cattle grazing along Sacramento River	2	2	3	2	11
	Existing Activities	Determine/Control impacts from Natomas East Main Drain	1	0	3	2	3
North Bay Aqueduct	Priority Action	Determine sources of contaminants to Sacramento River watershed	3	0	3	3	12
	Information Needed	Reduce impacts of agricultural activities on Sacramento River	3	2	2	1	9
	Existing Activities	Support research on impacts from wild animals on Sacramento/American Rivers	0	0	1	1	3
South Bay Aqueduct	Priority Action	Implement watershed management program within Barker Slough watershed	2	2	3	3	13
	Information Needed	Relocation of NBA intake	2	3	1	2	9
	Existing Activities	Conduct studies to delineate dry season organic carbon in NBA	1	0	2	3	9
Clifton Court Forebay	Priority Action	Develop watershed management plan for Barker Slough watershed	2	0	3	3	10
	Information Needed	Implement watershed management program within SBA proper	3	1	2	3	11
	Existing Activities	Replace farmers bridges to reduce fecal and nutrient contamination from cattle	3	1	2	3	11
CCWD	Priority Action	Develop/implement management programs for upper Lake Del Valle watershed	3	1	2	3	11
	Information Needed	Control algae in SBA	3	1	2	3	11
	Existing Activities	Develop/implement management programs for Lake Del Valle	3	1	2	3	11
DMC	Priority Action	Develop/implement management programs for Clifton Court/Bethany Reservoir	3	1	2	3	11
	Information Needed	Control wastewater discharges from Discovery Bay outfall	3	1	2	3	11
	Existing Activities	Control algae in Clifton Court	3	1	2	3	11
San Joaquin River	Priority Action	Relocate Vesle Tract agricultural drain from CCWD intake	3	2	2	1	10
	Information Needed	Relocate Discovery Bay wastewater treatment plant discharge from CCWD intake	3	2	2	1	10
	Existing Activities	Identify/mitigate high impact agricultural drains in vicinity of CCWD intake	3	2	2	1	10
State Water Project	Priority Action	Improve treatment/locate outfall of wastewater treatment effluent from Tracy intake	1	2	2	1	9
	Information Needed	Establish watershed management program for San Joaquin River	3	0	2	3	11
	Existing Activities	Control drainage of stormwaters into aqueduct by physical modifications	3	2	2	2	11
Castaic/Silverwood Lakes	Priority Action	Develop/implement watershed management program to minimize drainage into aqueduct	3	2	2	1	10
	Information Needed	Utilize management of lake operations to reduce algal growth in Castaic Lake and Lake Silverwood	3	1	2	3	11
	Existing Activities	Develop/implement watershed management program to control nutrients and pathogens in Castaic Lake and Lake Silverwood	3	1	2	3	11
Bay/Delta	Priority Action	Control recreational use to minimize microbial pathogens from humans in Castaic Lake and Lake Silverwood	3	2	2	3	11
	Information Needed	Control algae in Castaic Lake and Lake Silverwood	3	1	2	3	11
	Existing Activities	Control recreational boating use to minimize MTBE in Castaic Lake and Lake Silverwood	3	3	3	3	13
Bay/Delta	Priority Action	Minimize pathogens from recreational boating in the Delta	1	2	1	1	7
	Information Needed	Review wastewater and stormwater permits	3	0	2	1	9
	Existing Activities	Identify problems and solutions to urban runoff	3	0	2	2	10
	Priority Action	Manage restoration projects to minimize adverse effects to drinking water quality	1	2	2	3	11
	Information Needed	Manage loadings of contaminants from non-point sources and agricultural drains	3	0	3	3	12
	Existing Activities	Treat agricultural drainage to reduce organic carbon loading	3	2	2	2	11
	Priority Action	Manage leaching frequency to reduce organic carbon loading	1	2	1	1	8
	Information Needed	Store agricultural drainage in detention ponds with release during high flows to reduce impact from organic carbon loading	3	2	2	1	10
	Existing Activities	Convert to low tillage cropping and crop conversion to reduce organic carbon loading	1	2	2	2	10
	Priority Action	Convert to flooded wetlands to reduce organic carbon loading	1	2	2	2	10
	Information Needed	Improve irrigation efficiency to reduce organic carbon loading	1	2	2	2	10