

Tier 1 - Screening
Step 2 - Resource Management Strategies Incorporated
(Display Includes Capital Costs, Status, and Overall Result)

Project No.	Submitted by	Project Name	Project Status	Agricultural Water Use Efficiency	Urban Water Use Efficiency	Conveyance - Delta	Conveyance - Regional / local	System Reoperation	Water Transfers	Conjunctive Management & Groundwater Storage	Desalination	Precipitation Enhancement	Recycled Municipal Water	Surface Storage - CALFED	Surface Storage - Regional / local	Drinking Water Treatment & Distribution	Groundwater Remediation / Aquifer Remediation	Matching Quality to Use	Pollution Prevention	Salt & Salinity Planning	Urban Runoff Management	Flood Risk Management	Agricultural Lands Stewardship	Economic Incentives (Loans, Grants and Water Pricing)	Ecosystem Restoration	Forest Management	Recharge Area Protection	Water-Dependent Recreation	Watershed Management	Crop Idling for Water Transfers	Dewaporation or Atmospheric Pressure Desalination	Fog Collection	Irrigated Land Retirement	Rainfed Agriculture	Waterbag Transport / Storage Technology	TOTAL RMS	Capital Costs	Project Status / Readiness	Overall Result		
1	AWA	CAWP & AWS Intertie	conceptual design				✓	✓	✓							✓								✓												5	\$5,400,000	Low	Medium		
2	AWA	CAWP Gravity Supply Line	design complete		✓		✓	✓	✓							✓																					7	\$13,500,000	High	High	
3	AWA	Treated Water to Residents Using Untreated Water	conceptual design	✓	✓		✓	✓	✓							✓																					4	\$3,870,087	Low	High	
4	AWA	Lake Camanche Wastewater Improvement Program	conceptual design		✓		✓	✓		✓			✓		✓		✓		✓	✓	✓				✓		✓		✓							13	\$14,000,000	Low	High		
5	AWA	Small Diameter Pipeline Raw Water Canal to Pipe Conversion Project	design complete	✓	✓		✓	✓																	✓				✓								5	\$3,500,000	High	High	
6	AWA	Inter-Regional Conjunctive Use Project	conceptual design																																						
7	AWA	AWS Regional Water Treatment Plant	in design	✓	✓		✓		✓						✓	✓																					7	\$20,000,000	Medium	High	
8	AWA	Lower Amador Canal Project	in design	✓	✓		✓					✓								✓					✓												7	\$1,500,000	Medium	High	
9	AWA	Backwash Water Reuse Project	design complete	✓	✓		✓			✓			✓		✓	✓			✓				✓						✓								10		Medium	High	
10	AWA	CAWP Fire Storage	conceptual design				✓																														3	\$5,000,000	Low	High	
11	AWA	Highway 88 Corridor Wastewater Treatment, Transportation, Disposal	conceptual design		✓								✓							✓	✓							✓									5	\$10,000,000	Low	High	
13	AWA	Regional Wastewater Project	conceptual design		✓		✓						✓															✓									6	\$20,000,000	Low	High	
14	AWA	New York Ranch Reservoir Conservation and Management	pre-design	✓	✓		✓								✓				✓						✓			✓							✓		8	\$600,000	Low	High	
15	AWA	AWA Low Pressure Flow Improvements	conceptual design				✓									✓																					2	\$500,000	Low	High	
16	AWA	Lake Camanche Water Storage Tank & Transmission Main	design complete		✓		✓									✓																					3	\$41,000,000	High	High	
17	AWA	Lake Camanche Water Service Replacement-Phase II	design complete		✓		✓									✓																					3	\$1,200,000	High	High	
19	AWA	Wildwood Leachfield Replacement	pre-design														✓																				3	\$2,200,000	Medium	Medium	
20	AWA	Bear River Reservoir Expansion Project	pre-design	✓	✓		✓		✓	✓					✓													✓	✓								9	\$50,000,000	Low	High	
21	UMRWA	Septic System Management Program	planning																	✓																	2	\$260,000	Low	Low	
22	CCWD	Leak Testing and Repair Program	in design		✓			✓								✓																					3	\$0	Low	High	
23	CCWD	New Hogan Reservoir Pumping Project	pre-design	✓	✓		✓	✓	✓	✓					✓		✓																				9	\$22,000	Low	High	
24	CCWD	New Hogan Phase II Water Distribution Loop Project	conceptual design	✓	✓		✓	✓	✓	✓					✓		✓																				13	\$3,000,000	Low	High	
25	CCWD	Sheep Ranch WTP Compliance Project	design complete		✓				✓																												2	\$200,000	High	High	
26	AWA-CCWD-EBMUD	Camanche Area Regional Water Supply Project	planning							✓						✓																					2		Medium	High	
27	CCWD	West Point WTP Drinking Water Compliance Project	design complete		✓			✓								✓																					3	\$600,000	High	High	
28	Foothill Conservancy	East Panther Creek Restoration Project	design complete																✓	✓					✓	✓			✓								5	\$200,000	High	High	
29	Foothill Conservancy	Restoring the Upper Mokelumne's Anadromous Fish	conceptual design																						✓	✓			✓								4	\$1,000,000	Low	High	
30	Foothill Conservancy	Amador Household Water Efficiency Project	conceptual design		✓																																	2	\$692,000	Low	High
31	Stanislaus National Forest, Calaveras Ranger District	Hemlock Landscape Restoration	planning																																			4		Low	High
32	City of Jackson	City of Jackson Wastewater Treatment and Disposal Project	in design	✓																						✓	✓			✓								2	\$5,747,000	High	High
33	Calaveras County Administrative Office	Ponderosa Way Restoration Project	design complete																✓	✓					✓	✓			✓								5	\$223,000	High	High	
34	AWA	Ione Clearwell Cover Replacement	in design													✓																					2	\$71,376	Medium	High	
35	AWA	CAWP Tanks Replacement Project	conceptual design				✓	✓								✓																						4	\$305,000	Low	Medium
36	AWA	Camanche Wastewater System Improvements	in design				✓																															2	\$720,243	Medium	Medium
37	AWA	CAWP Retail Distribution Domestic and Fire Protection Improvements	planning	✓	✓		✓								✓	✓									✓													8	\$2,633,861	Low	Medium
38	AWA	CAWP Disinfection By-Product Reduction Project	conceptual design				✓	✓					✓			✓																						5	\$500,000	Low	Medium

Tier 2 - Evaluation
Step 1 - Apply Evaluation Criteria

Project No.	Submitted by	Project Name	Project Status	TOTAL GOALS	TOTAL STATEWIDE PRIORTIES	TOTAL RMS	Economic Benefit	Goals Addressed	RMS Integrated	Multi-Agency Benefits	DAC or Native American Benefits / EJ Impacts	Technical Feasibility	Climate Change Adaptation or Mitigation Benefit	Minimize Implementation on Risk	Best Project for Intended Purpose
1	AWA	CAWP & AWS Intertie	conceptual design	4	2	5	Medium	Medium	Medium	Low	High	Medium	Medium	High	High
2	AWA	CAWP Gravity Supply Line	design complete	5	2	7	High	High	High	Low	High	High	Medium	High	High
3	AWA	Treated Water to Residents Using Untreated Water	conceptual design	5	2	4	High	High	Medium	Low	High	High	Medium	High	High
4	AWA	Lake Camanche Wastewater Improvement Program	conceptual design	7	5	13	High	High	High	Medium	High	Low	Medium	High	High
5	AWA	Small Diameter Pipeline Raw Water Canal to Pipe Conversion Project	design complete	7	3	5	High	High	Medium	Low	High	Medium	Medium	High	High
6	AWA	Inter-Regional Conjunctive Use Project	conceptual design	0	0	0	Low	Low	Low	High	Low	Medium	Low		
7	AWA	AWS Regional Water Treatment Plant	in design	7	4	7	Medium	High	High	High	High	Low	Medium	Medium	High
8	AWA	Lower Amador Canal Project	in design	4	3	7	High	Medium	High	Low	High	Low	Medium	High	High
9	AWA	Backwash Water Reuse Project	design complete	10	5	10	High	High	High	High	High	Medium	Medium	High	High
10	AWA	CAWP Fire Storage	conceptual design	5	2	3	High	High	Medium	High	High	Medium	Medium	High	High
11	AWA	Highway 88 Corridor Wastewater Treatment, Transportation, Disposal	conceptual design	6	3	5	High	High	Medium	High	High	Low	Medium	High	High
13	AWA	Regional Wastewater Project	conceptual design	6	3	6	Medium	High	High	High	High	Medium	Medium	Low	High
14	AWA	New York Ranch Reservoir Conservation and Management	pre-design	10	5	8	High	High	High	High	High	High	Medium	High	High
15	AWA	AWA Low Pressure Flow Improvements	conceptual design	4	1	2	High	Medium	Low	High	High	Low	Medium	High	High
16	AWA	Lake Camanche Water Storage Tank & Transmission Main	design complete	6	2	3	Medium	High	Medium	Low	High	High	Low	High	High
17	AWA	Lake Camanche Water Service Replacement-Phase II	design complete	4	2	3	High	Medium	Medium	Low	High	Medium	Medium	High	High
19	AWA	Wildwood Leachfield Replacement	pre-design	2	1	3	Low	Medium	Medium	Low	Low	Low	Low	High	High
20	AWA	Bear River Reservoir Expansion Project	pre-design	5	5	9	Medium	High	High	High	High	High	High	Low	Medium
21	UMRWA	Septic System Management Program	planning	4	1	2	High	Medium	Low	Medium	Low	Medium	Low		
22	CCWD	Leak Testing & Repair Program	in design	8	6	3	High	High	Medium	Medium	High	Medium	High	High	High
23	CCWD	New Hogan Reservoir Pumping Project	pre-design	7	5	9	High	High	High	Low	Low	High	Medium	Medium	High
24	CCWD	New Hogan Phase II Water Distribution Loop Project	conceptual design	7	7	13	High	High	High	High	Low	Medium	Medium	Medium	High
25	CCWD	Sheep Ranch WTP Compliance Project	design complete	3	3	2	High	Medium	Low	Low	High	High	Low	High	High
26	AWA-CCWD-EBMUD	Camanche Area Regional Water Supply Project	planning	8	3	2	High	High	Low	High	High	High	High	High	High
27	CCWD	West Point WTP Drinking Water Compliance Project	design complete	3	3	3	High	Medium	Medium	Low	High	High	Low	High	High
28	Foothill Conservancy	East Panther Creek Restoration Project	design complete	5	2	5	High	High	Medium	High	Medium	High	Low	High	High
29	Foothill Conservancy	Restoring the Upper Mokelumne's Anadromous Fish	conceptual design	5	3	4	High	High	Medium	High	High	High	Medium	Medium	High
30	Foothill Conservancy	Amador Household Water Efficiency Project	conceptual design	7	5	2	High	High	Low	Low	High	High	High	High	High
31	Stanislaus National Forest, Calaveras Ranger District	Hemlock Landscape Restoration	planning	6	3	4	Medium	High	Medium	High	Low	High	High	High	High
32	City of Jackson	City of Jackson Wastewater Treatment and Disposal Project	in design	5	2	2	High	High	Low	Low	High	High	Medium		
33	Calaveras County Administrative Office	Ponderosa Way Restoration Project	design complete	7	2	5	High	High	Medium	High	High	High	Low	High	High
34	AWA	Ione Clearwell Cover Replacement	in design	3	1	2	High	Medium	Low	Low	High	High	Low	High	High
35	AWA	CAWP Tanks Replacement Project	conceptual design	3	2	4	High	Medium	Medium	Low	High	Medium	Medium	High	High
36	AWA	Camanche Wastewater System Improvements	in design	3	1	2	High	Medium	Low	Low	High	Medium	Low	High	High
37	AWA	CAWP Retail Distribution Domestic and Fire Protection Improvements	planning	2	2	8	Low	Medium	High	Low	High	Medium	Medium	High	High
38	AWA	CAWP Disinfection By-Product Reduction Project	conceptual design	3	2	5	High	Medium	Medium	Low	High	Medium	Low	High	High

Tier 2 - Evaluation
Step 2 - Prioritize Projects

Project No.	Submitted by	Project Name	Project Status	RESULT
1	AWA	CAWP & AWS Intertie	conceptual design	Low
2	AWA	CAWP Gravity Supply Line	design complete	High
3	AWA	Treated Water to Residents Using Untreated Water	conceptual design	High
4	AWA	Lake Camanche Wastewater Improvement Program	conceptual design	High
5	AWA	Small Diameter Pipeline Raw Water Canal to Pipe Conversion Project	design complete	High
6	AWA	Inter-Regional Conjunctive Use Project	conceptual design	Low
7	AWA	AWS Regional Water Treatment Plant	in design	High
8	AWA	Lower Amador Canal Project	in design	High
9	AWA	Backwash Water Reuse Project	design complete	High
10	AWA	CAWP Fire Storage	conceptual design	High
11	AWA	Highway 88 Corridor Wastewater Treatment, Transportation, Disposal	conceptual design	High
13	AWA	Regional Wastewater Project	conceptual design	High
14	AWA	New York Ranch Reservoir Conservation and Management	pre-design	High
15	AWA	AWA Low Pressure Flow Improvements	conceptual design	High
16	AWA	Lake Camanche Water Storage Tank & Transmission Main	design complete	High
17	AWA	Lake Camanche Water Service Replacement-Phase II	design complete	Medium
19	AWA	Wildwood Leachfield Replacement	pre-design	Low
20	AWA	Bear River Reservoir Expansion Project	pre-design	High
21	UMRWA	Septic System Management Program	planning	Low
22	CCWD	Leak Testing and Repair Program	in design	High
23	CCWD	New Hogan Reservoir Pumping Project	pre-design	High
24	CCWD	New Hogan Phase II Water Distribution Loop Project	conceptual design	High
25	CCWD	Sheep Ranch WTP Compliance Project	design complete	High
26	AWA-CCWD-EBMUD	Camanche Area Regional Water Supply Project	planning	High
27	CCWD	West Point WTP Drinking Water Compliance Project	design complete	High
28	Foothill Conservancy	East Panther Creek Restoration Project	design complete	High
29	Foothill Conservancy	Restoring the Upper Mokelumne's Anadromous Fish	conceptual design	High
30	Foothill Conservancy	Amador Household Water Efficiency Project	conceptual design	High
31	Stanislaus National Forest, Calaveras Ranger District	Hemlock Landscape Restoration	planning	High
32	City of Jackson	City of Jackson Wastewater Treatment and Disposal Project	in design	High
33	Calaveras County Administrative Office	Ponderosa Way Restoration Project	design complete	High
34	AWA	Ione Clearwell Cover Replacement	in design	High
35	AWA	CAWP Tanks Replacement Project	conceptual design	Medium
36	AWA	Camanche Wastewater System Improvements	in design	Medium
37	AWA	CAWP Retail Distribution Domestic and Fire Protection Improvements	planning	Medium
38	AWA	CAWP Disinfection By-Product Reduction Project	conceptual design	Medium

MAC IRWMP
Project Review Process Preliminary Results
 Revised October 24, 2012

#	General Project Information			Tier 1, Step 1 Screening			Tier 1, Step 2 Screening											Tier 2, Step 2 Prioritization	
	Entity	Type of Project ¹	Project Name	Total Goals	Total State-wide Priors.	Result	Total RMS	Result	Econ. Benefit	Goals Addressed ⁴	RMS Integrated	Multi-Agency Benefits	DAC or Native American Benefits / EJ Impacts	Technical Feasibility	Climate Change Adaptation or Mitigation Benefit	Impl. Risk	Best Project for Intended Purpose	Project Status / Readiness	Result ⁵
1	AWA	Supply	CAWP & AWS Intertie	4	2	PASS	5	PASS	Medium	Medium	Medium	Low	High	Medium	Medium	High	High	Low	Medium
2	AWA	Supply	CAWP Gravity Supply Line	5	2	PASS	7	PASS	High	High	High	Low	High	High	Medium	High	High	High	High
3	AWA	WQ	Treated Water to Residents Using Untreated Water	5	2	PASS	4	PASS	High	High	Medium	Low	High	High	Medium	High	High	Low	High
4	AWA	WQ	Lake Camanche Wastewater Improvement Program	7	5	PASS	13	PASS	High	High	High	Medium	High	Low	Medium	High	High	Low	High
5	AWA	Supply	Small Diameter Pipeline Raw Water Canal to Pipe Conversion Project	7	3	PASS	5	PASS	High	High	Medium	Low	High	Medium	Medium	High	High	High	High
6	AWA	Supply	Inter-Regional Conjunctive Use Project	0	0	FAIL													
7	AWA	WQ	AWS Regional Water Treatment Plant	7	4	PASS	7	PASS	Medium	High	High	High	High	Low	Medium	Medium	High	Medium	High
8	AWA	Supply	Lower Amador Canal Project	4	3	PASS	7	PASS	High	Medium	High	Low	High	Low	Medium	High	High	Medium	High
9	AWA	WQ	Backwash Water Reuse Project	10	5	PASS	10	PASS	High	High	High	High	High	Medium	Medium	High	High	Medium	High
10	AWA	Supply	CAWP Fire Storage	5	2	PASS	3	PASS	High	High	Medium	High	High	Medium	Medium	High	High	Low	High
11	AWA	WQ	Highway 88 Corridor Wastewater Treatment, Transportation, Disposal	6	3	PASS	5	PASS	High	High	Medium	High	High	Low	Medium	High	High	Low	High
13	AWA	WQ	Regional Wastewater Project	6	3	PASS	6	PASS	Medium	High	High	High	High	Medium	Medium	Low	High	Low	High
14	AWA	Supply	New York Ranch Reservoir Conservation and Management	10	5	PASS	8	PASS	High	High	High	High	High	High	High	High	High	Low	High
15	AWA	Supply/WQ	AWA Low Pressure Flow Improvements	4	1	PASS	2	PASS	High	Medium	Low	High	High	Low	Medium	High	High	Low	High
16	AWA	Supply	Lake Camanche Water Storage Tank & Transmission Main	6	2	PASS	3	PASS	Medium	High	Medium	Low	High	High	Low	High	High	High	High
17	AWA	Supply	Lake Camanche Water Service Replacement-Phase II	4	2	PASS	3	PASS	High	Medium	Medium	Low	High	Medium	Medium	High	High	High	High
19	AWA	WQ	Wildwood Leachfield Replacement	2	1	PASS	3	PASS	Low	Medium	Medium	Low	Low	Low	High	High	Medium	Medium	Medium
20	AWA	Supply	Bear River Reservoir Expansion Project	5	5	PASS	9	PASS	Medium	High	High	High	High	High	High	Low	Medium	Low	High
21	UMRWA	WQ	Septic System Management Program	4	1	PASS	2	PASS	High	Medium	Low	Medium	Low	Medium	Low	0	0	Low	Low
22	CCWD	Supply	Leak Testing and Repair Program	8	6	PASS	3	PASS	High	High	Medium	High	High	High	High	High	High	Low	High
23	CCWD	Supply	New Hogan Reservoir Pumping Project	7	5	PASS	9	PASS	High	High	High	Low	High	Medium	Medium	High	High	Low	High
24	CCWD	WQ	New Hogan Phase II Water Distribution Loop Project	7	7	PASS	13	PASS	High	High	High	High	Low	Medium	Medium	Medium	High	Low	High
25	CCWD	WQ	Sheep Ranch WTP Compliance Project	3	3	PASS	2	PASS	High	Medium	Low	Low	High	High	Low	High	High	High	High
26	AWA-CCWD-EBMUD	WQ	Camanche Area Regional Water Supply Project	8	3	PASS	2	PASS	High	High	Low	High	High	High	High	High	High	Medium	High
27	CCWD	WQ	West Point WTP Drinking Water Compliance Project	3	3	PASS	3	PASS	High	Medium	Medium	Low	High	High	Low	High	High	High	High
28	Foothill Conservancy	Resource	East Panther Creek Restoration Project	5	2	PASS	5	PASS	High	High	Medium	High	Medium	High	Low	High	High	High	High
29	Foothill Conservancy	Resource	Restoring the Upper Mokelumne's Anadromous Fish	5	3	PASS	4	PASS	High	High	Medium	High	High	High	Medium	Medium	High	Low	High
30	Foothill Conservancy	Supply	Amador Household Water Efficiency Project	7	5	PASS	2	PASS	High	High	Low	Low	High	High	High	High	High	Low	High
31	Stanislaus National Forest, Calaveras Ranger District	Resource	Hemlock Landscape Restoration	6	3	PASS	4	PASS	Medium	High	Medium	High	Low	High	High	High	High	Low	High
32	City of Jackson	WQ	City of Jackson Wastewater Treatment and Disposal Project	5	2	PASS	2	PASS	High	High	Low	Low	High	High	Medium	0	0	High	High
33	Calaveras County Administrative Office	Resource	Ponderosa Way Restoration Project	7	2	PASS	5	PASS	High	High	Medium	High	High	High	Low	High	High	High	High
34	AWA	WQ	Ione Clearwell Cover Replacement	3	1	PASS	2	PASS	High	Medium	Low	Low	High	High	Low	High	High	Medium	High
35	AWA	Supply/WQ	CAWP Tanks Replacement Project	3	2	PASS	4	PASS	High	Medium	Medium	Low	High	Medium	Medium	High	High	Low	Medium
36	AWA	WQ	Camanche Wastewater System Improvements	3	1	PASS	2	PASS	High	Medium	Low	Low	High	Medium	Low	High	High	Medium	Medium
37	AWA	Supply	CAWP Retail Distribution Domestic and Fire Protection Improvements	2	2	PASS	8	PASS	Low	Medium	High	Low	High	Medium	Medium	High	High	Low	Medium
38	AWA	WQ	CAWP Disinfection By-Product Reduction Project	3	2	PASS	5	PASS	High	Medium	Medium	Low	High	Medium	Low	High	High	Low	Medium

1. Type of project reflects Plan policies
 2. Score derived from groupings of costs and benefits based on comparison of projects
 3. Score based on goals divided by cost grouping compared to criteria
 4. Prioritized based on number of goals addressed: 3 or more goals = High; 1 to 2 goals = Medium; Less than 2 goals = Low.
 5. Prioritized based on number of high scores on evaluation criteria received: 5 or more Highs = High; 1 to 4 Highs = Medium; no High scores = Low