

**Ranked Preliminary List of Viable Actions**

Reference Number	Description of Action	Deal Killer (No/ Maybe)	Estimated HET Contribution	Reference for Estimated HET Contribution	Summary*	
					Total Score	Normalized Total (100)
B-2	Phase 2 of the Battle Creek Restoration project.	Maybe	1,250-2,500	Kier & Associates 1999	73	100.00
NS-64, NS-65, NS-84b, NS-83, NS-89	Adult & juvenile passage at Daguerre Point Dam, Yuba River Narrows spawning habitat w/ segregation weir, backwater, side-channel, and riparian/floodplain habitat, Deer Creek Habitat Expansion Project in the lower Yuba River.	Maybe	≥2,000	Questionnaire	72	98.63
NS-5, NS-1, NS-76, NS-77, NS-3, NS-10	Paynes Crossing, supplement flow, Edwards Dam Juvenile Bypass, Valley Floor Channel Project, modify ag diversions to provide passage and reduce entrainment in Antelope Creek.	No	≥500	DFG - Historical	70	95.89
NS-84 b	Rehabilitate Yuba River Narrows spawning habitat with segregation weir in the lower Yuba River.	Maybe	≥2,000	Questionnaire	69	94.52
NS-14	Iron Canyon Fish Ladder Rehabilitation Project in Big Chico Creek.	No	1,000	DFG - Historical	68	93.15
NWC-6, NWC-25	Clear Creek gravel supplementation, processing tailings and restoring floodplain habitat.	Maybe	5,264	Questionnaire	67	91.78
NS-67c	Upper Yuba River - Habitat Restoration (w/out passage above other dams).	Maybe	500 (Middle Yuba)	UYRSP Team 2006	64	87.67
NS-55	Develop dedicated instream water (Orange Cove water right purchase) in Mill Creek; lower Mill Creek Watershed Restoration Project.	No	1,900	Questionnaire	62	84.93

\*Actions were scored against the HEA Evaluation Criteria.



**Habitat Expansion Agreement for Central Valley Spring-Run Chinook Salmon and California Central Valley Steelhead**

Reference Number	Description of Action	Deal Killer (No/ Maybe)	Estimated HET Contribution	Reference for Estimated HET Contribution	Summary*	
					Total Score	Normalized Total (100)
NS-35, NS-37a, NS-37b, NS-44	Supplement flows, construct fish ladders at Cone-Kimball and Stanford-Vina Diversions, Floodplain Project in lower Deer Creek.	No	1,000	DFG - Historical and GRANDTAB	62	84.93
SBW-19	Segregation weir in the Sacramento River at the Anderson-Cottonwood Irrigation District (ACID) Dam.	Maybe	7,500	Cramer Fish Sciences	62	84.93
NS-90	Trap-and-haul project on the North Fork Feather River.	Maybe	500-2,500	Payne & Associates 2004 (FERC)	56	76.71
NS-94 a	Trap-and-haul program around Englebright Dam for the North Yuba River above New Bullards Bar Reservoir.	Maybe	Unknown		55	75.34
NS-91	Trap-and-haul project on the Middle Fork Feather River.	Maybe	natural barrier; unknown	DWR 2007 (FERC Report)	54	73.97
NS-94 c	Trap-and-haul program around Englebright Dam for the Middle Yuba River in combination with increased flow releases.	Maybe	≥500	UYRSP Team 2006	54	73.97
B-15	Trap-and-haul program on the Sacramento River at Shasta Dam.	Maybe	Unknown		53	72.60
NWC-10	Trap-and-haul program in Clear Creek at Whiskeytown Dam.	Maybe	Unknown		52	71.23
NS-94 b	Trap-and-haul program around Englebright Dam for the North Yuba River below New Bullards Bar	Maybe	Unknown		52	71.23
NS-93	Trap-and-haul program on the Middle Fork (and possibly North Fork) of the American River.	Maybe	Unknown		50	68.49

\*Actions were scored against the HEA Evaluation Criteria.

