

South-Central California Coast Steelhead DPS Recovery Action Tables Identification Key, Interior Coast Range BPG (Tables 9-4 to 9-6).

Recovery Action Number Key: XXXX – SCCCS – 1.2		XXXX ID Table		Threat Source Legend	
XXXX	Watershed	Paj	Pajaro River	1	Agricultural Development
SCCCS	Species Identifier – South-Central California Coast Steelhead	UC	Uvas Creek	2	Agricultural Effluents
1	Threat Source	Sal	Salinas River	3	Culverts and Road Crossings (Passage Barriers)
2	Action Identity Number	GC	Gabilan Creek	4	Dams and Surface Water Diversions
Action Rank		AS	Arroyo Seco	5	Flood Control Maintenance
A	Action addresses the first listing factor regarding the destruction or curtailment of the species’ habitat	SAnt	San Antonio	6	Groundwater Extraction
B	Action addresses one of the other four listing factors	Nac	Nacimiento	7	Levees and Channelization
				8	Mining and Quarrying
				9	Non-Native Species
				10	Recreational Facilities
				11	Roads
				12	Upslope/Upstream Activities
				13	Urban Development
				14	Urban Effluents
				15	Wildfires

See Chapter 8, Table 8-1 for Detailed Description of Recovery Actions, Chapter 6, Section 6.4, for a discussion of Recovery Action Ranks, and Chapter 3, Section 3.0, for a description of Listing Factors. See Appendix E for a discussion of recovery action cost estimates.

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Table 9-4. South-Central California Coast Steelhead DPS Recovery Action Table for Pajaro River Sub-Watersheds (Interior Coast Range BPG).

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Pajaro River												
Paj-SCCCS-1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, USGS, SBC, SCC, SCRC, RCDMC, SCCRCD, MC, COG, COW, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	20	0	0	0	0	0	0
Paj-SCCCS-1.2	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, USGS, SBC, SCC, SCRC, MC, RCDMC, SCCRCD, COG, COW, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	5	47520	0	0	0	0	47520
Paj-SCCCS-1.3	Manage agricultural development and restore riparian zones	NRCS, BLM, USGS, SBC, SCC, SCRC, MC, RCDMC, SCCRCD, COG, COW, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	5	0	0	0	0	0	0
Paj-SCCCS-2.1	Develop and implement a plan to minimize runoff from agricultural activities	NRCS, BLM, USGS, SBC, SCC, SCRC, RCDMC, SCCRCD, MC, COG, COW, RWQCB, TU, CT, CHEER	Agricultural Effluents	1, 4	1B	100	0	0	0	0	0	0
Paj-SCCCS-3.1	Conduct a watershed-wide fish passage barrier assessment (or review and up-date, e.g., County of Santa Cruz Crossing Inventory and Fish Passage Evaluation)	NMFS, USFS, CDFW, RCDMC, SCCRCD, SCRC, MC, COG, COW, CDOT, TWI, CT, TU, CHEER	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	96690	0	0	0	0	96690

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Paj-SCCCS-3.2	Develop and implement a plan to remove or modify fish passage barriers within the watershed	NMFS, SCRC, MC, RCDMC, SCCRCD, COG, COW, CDFW, CDOT, TWI, CT, TU, CHEER	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	0	0	0	0	0	0
Paj-SCCCS-4.1	Develop and implement water management plan for diversion operations	NMFS, CDFW, SWRCB, SCRC, MC, RCDMC, SCVWD, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850
Paj-SCCCS-4.2	Develop and implement water management plan for dam operations (e.g., Uvas Dam, College Lake)	NMFS, CDFW, SWRCB, SCRC, MC, RCDMC, SCVWD, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850
Paj-SCCCS-4.3	Provide fish passage around dams and diversions	NMFS, CDFW, SWRCB, SCRC, RCDMC, SCCRCD, SCVWD, , TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	TBD	TBD	TBD	TBD	TBD	TBD
Paj-SCCCS-5.1	Develop and implement flood control maintenance program	ACOE, NMFS, NRCS, MC, USGS, SCRC, RCDMC, CDFW, TWI, CT, TU, CHEER	Flood Control Maintenance	1, 4	1B	100	0	0	0	0	0	0
Paj-SCCCS-6.1	Conduct groundwater extraction analysis and assessment (or review and update)	USGS, NMFS, CDFW, SCRC, RCDMC, SCVWD, TWI, TU, CT, CHEER	Groundwater Extraction	1, 4	1A	5	91850	0	0	0	0	91850
Paj-SCCCS-6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, CDFW, SCRC, SCVWD, TWI, TU, CT, CHEER	Groundwater Extraction	1, 4	1A	10	254350	39775	0	0	0	294125

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Paj-SCCCS-7.1	Develop and implement plan to vegetate levees and eliminate or minimize herbicide use near levees.	FEMA, USGS, ACOE, BLM, NRCS, SCRC, RCDMC, SCCRCD, SCVWD, NMFS, CDFW, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	100	0	0	0	0	0	0
Paj-SCCCS-7.2	Develop and implement a plan to restore natural channel features	CSCC, NMFS, CDFW, SCRC, MC, RCDMC, SCCRCD, SCVWD, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	20	4217625	4217625	4217625	4217625	0	16870500
Paj-SCCCS-7.3	Develop and implement a stream bank and riparian corridor restoration plan	CSCC, NMFS, CDFW, SCRC, MC, RCDMC, SCCRCD, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	5	10521940	0	0	0	0	10521940
Paj-SCCCS-8.1	Review and modify mining operations (e.g., using guidance in Cluer 2004)	NMFS, CDFW, SCRC, MC, RCDMC, TWI, TU, CT, CHEER	Mining and Quarrying	1, 4	1B	20	68030	0	0	0	0	68030
Paj-SCCCS-9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control measures	USFWS, NMFS, CDFW, NRCS, RCDMC, SCCRCD, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Paj-SCCCS-9.2	Develop and implement a non-native species monitoring program	USFWS, NMFS, CDFW, NRCS, RCDM, SCCRCD, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0
Paj-SCCCS-9.3	Develop and implement a public education program on non-native species impacts	USFWS, NMFS, CDFW, NRCS, RCDMC, SCCRCD, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	20	76140	76140	76140	76140	0	304560
Paj-SCCCS-10.1	Review and modify development and management plans for recreational areas and national forests	USFWS, BLM, CSCC, CDFW, CDPR, TU, CT, CHEER	Recreational Facilities	1, 2, 3, 4, 5	3B	20	0	0	0	0	0	0
Paj-SCCCS-10.2	Develop and implement public education program on watershed processes	USFWS, CSCC, CDFW, SCRC, SCCRCD, TWI, TU, CT, CHEER	Recreational Facilities	1, 2, 3, 4, 5	3B	20	76140	76140	76140	76140	0	304560
Paj-SCCCS-11.1	Manage roadways and adjacent riparian corridor and restore abandoned roadways	DOT, USFWS, CSCC, CDFW, SCRC, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	0	0	0	0	0	0
Paj-SCCCS-11.2	Retrofit storm drains to filter runoff from roadways	DOT, USFWS, CSCC, CDFW, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	32260	32260	32260	32260	0	129040
Paj-SCCCS-11.3	Develop and implement plan to remove or reduce approach-fill for railroad lines and roads	DOT, USFWS, CSCC, CDFW, SCRC, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	0	0	0	0	0	0
Paj-SCCCS-12.1	Develop and implement an estuary restoration and management plan	USFWS, EPA, NMFS, NFWF, CDFW, SCRC, TU, CT, CHEER	Upslope/Upstream Activities	1, 2, 3, 4, 5	1A	5	8174000	0	0	0	0	8174000

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Paj-SCCCS-12.2	Review and modify applicable County and/or City Local Coastal Plans	CCOM, CDFW, NMFS, RCDMC, SCRC, MC, TWI, TU, CT, CHEER	Upslope/Upstream Activities	1, 2, 3, 4, 5	1B	5	62400	0	0	0	0	62400
Paj-SCCCS-13.1	Develop, adopt, and implement urban land-use planning policies and standards	NMFS, CDFW, SCRC, MC, TU, CT, CHEER	Urban Development	1, 4	2B	5	62400	0	0	0	0	62400
Paj-SCCCS-13.2	Retrofit storm drains in developed areas	RWQCB, DFG, RCDMC, NMFS, DOT, CDFW, SCRC, MC, TU, CT, CHEER	Urban Development	1, 4	2B	20	0	0	0	0	0	0
Paj-SCCCS 13.3	Develop and implement riparian restoration plan to replace artificial bank stabilization structures	ACOE, NRCS, NMFS, RCDMC, SCRC, MC, CDFW, TU, CT, CHEER	Urban Development	1, 4	2B	5	398000	0	0	0	0	398000
Paj-SCCCS-14.1	Review California Regional Water Quality Control Board Region Basin Plans and modify applicable Stormwater Permits	RWQCB, SWRCB, NRCS, NMFS, CDFW, SCRC, MC, TU, CT, CHEER	Urban Effluents	1, 4	1B	20	0	0	0	0	0	0
Paj-SCCCS-14.2	Review, assess and modify if necessary all NPDES wastewater discharge permits	RWQCB, SWRCB, NMFS, SCRC, MC, CDFW, TU, CT, CHEER	Urban Effluents	1, 4	1B	20	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
Uvas Creek													
UC-SCCCS-1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, NMFS, CDFW, USGS, SB, SCC, SCRC, RCDSC, BCLC, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	20	0	0	0	0	0	0	0
UC-SCCCS-1.2	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, NMFS, CDFW, USGS, SBCC, SCRC, RSDSC, BCLC, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	5	47520	0	0	0	0	0	47520
UC-SCCCS-1.3	Manage agricultural development and restore riparian zones	NRCS, BLM, NMFS, CDFW, USGS, SCC, SCRC, RSDSC, BCLC, TWI, TU, CT, CHEER	Agricultural Development	1, 4	3B	5	0	0	0	0	0	0	0
UC-SCCCS-2.1	Develop and implement a plan to minimize runoff from agricultural activities	NRCS, BLM, NMFS, CDFW, USGS, SCC, SCRC, RSDSC, BCLC, TWI, TU, CT, CHEER	Agricultural Effluents	1, 4	1B	100	0	0	0	0	0	0	0
UC-SCCCS-3.1	Conduct a watershed-wide fish passage barrier assessment	NMFS, USFS, CDFW, SCRC, RSDSC, CDOT, BCLC, TWI, CT, TU, CHEER	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	96690	0	0	0	0	0	96690
UC-SCCCS-3.2	Develop and implement a plan to remove or modify fish passage barriers within the watershed	NMFS, USFS, CDFW, SCRC, BCLC, RSDSC, CDOT, TWI, CT, TU, CHEER	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	0	0	0	0	0	0	0
UC-SCCCS-4.1	Develop and implement water management plan for diversion	NMFS, CDFW, SWRCB, SCRC, RSDSC, BCLC, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	0	91850

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	operations												
UC-SCCCS-4.2	Develop and implement water management plan for dam operations	NMFS, CDFW, SWRCB, SCRC, RSDSC, BCLC, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	0	91850
UC-SCCCS-4.3	Provide fish passage around dams and diversions	NMFS, CDFW, SWRCB, SCRC, RSDSC, BCLC, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	TBD	TBD	TBD	TBD	TBD	TBD	TBD
UC-SCCCS-5.1	Develop and implement flood control maintenance program	ACOE, NMFS, NRCS, USGS, SCRC, RSDSC, CDFW, TWI, CT, TU, CHEER	Flood Control Maintenance	1, 4	1B	100	0	0	0	0	0	0	0
UC-SCCCS-6.1	Conduct groundwater extraction analysis and assessment (or review and update)	USGS, NMFS, CDFW, SCRC, RSDSC, BCLC, TWI, TU, CT, CHEER	Groundwater Extraction	1, 4	1A	5	91850	0	0	0	0	0	91850
UC-SCCCS-6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, CDFW, SCRC, RSDSC, BCLC, TWI, TU, CT, CHEER	Groundwater Extraction	1, 4	1A	10	254350	39775	0	0	0	0	294125
UC-SCCCS-7.1	Develop and implement a plan to restore natural channel features	FEMA, USGS, ACOE, BLM, NRCS, SCRC, NMFS, RSDSC, CDFW, BCLC, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	20	4217625	4217625	4217625	4217625	4217625	0	16870500
UC-SCCCS-7.2	Develop and implement plan to vegetate levees and eliminate or	FEMA, CSCC, NMFS, CDFW, SCRC, RSDSC, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	100	0	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	minimize herbicide use near levees												
UC-SCCCS-7.3	Develop and implement stream bank and riparian corridor restoration plan	FEMA, CSCC, NMFS, CDFW, SCRC, RSDSC, BCLC, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	5	10521940	0	0	0	0	0	10521940
UC-SCCCS-9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control measures	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, BCLC, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0	0
UC-SCCCS-9.2	Develop and implement a non-native species monitoring program	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, BCLC, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0	0
UC-SCCCS-9.3	Develop and implement a public educational program on non-native species impacts	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, BCLC, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	20	76140	76140	76140	76140	0	0	304560
UC-SCCCS-10.1	Review and modify development and management plans for recreational areas and national forests	USFWS, CSCC, CDFW, CCRP, SCRC, WCB, TWI, TU, CT, CHEER	Recreational Facilities	1, 3, 5	3B	20	0	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
UC-SCCCS-10.2	Develop and implement a public educational program on watershed processes	USFWS, CSCC, CDFW, CCRP, BCLC, SCRC, WCB, TWI, TU, CT, CHEER	Recreational Facilities	1, 2, 4	3B	20	76140	76140	76140	76140	0	304560
UC-SCCCS-11.1	Manage roadways and adjacent riparian corridor and restore abandoned roadways	DOT, CDOT, USFWS, SCRC, CDFW, BCLC, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	0	0	0	0	0	0
UC-SCCCS-11.2	Retrofit storm drains to filter runoff from roadways	DOT, CDOT, USFWS, SCRC, CDFW, BCLC, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	32260	32260	32260	32260	0	129040
UC-SCCCS-11.3	Develop and implement plan to remove or reduce approach-fill for railroad lines and roads	DOT, CDOT, USFWS, SCRC, CDFW, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	0	0	0	0	0	0
UC-SCCCS-12.1	Review and modify applicable County and/or City Local Coastal Plans	CCOM, SCRC, CDFW, NMFS, TWI, TU, CT, CHEER	Upslope/Upstream Activities	1, 2, 3, 4, 5	2B	5	62400	0	0	0	0	62400
UC-SCCCS-13.1	Develop, adopt, and implement urban land-use planning policies and standards	SCRC, NMFS, CDFW, SCRC, TU, CT, CHEER	Urban Development	1, 4	2B	5	62400	0	0	0	0	62400
UC-SCCCS-13.2	Retrofit storm drains in developed areas	SCRC, ACOE, NRCS, NMFS, SCRC, CDFW, TU, CT, CHEER	Urban Development	1, 4	2B	20	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
UC-SCCCS-13.3	Develop and implement riparian restoration plan to replace artificial bank stabilization structures	SCRC, ACOE, NRCS, NMFS, SCRC, CDFW, BCLC, TU, CT, CHEER	Urban Development	1, 4	2B	5	398000	0	0	0	0	398000
UC-SCCCS-14.1	Review California Regional Water Quality Control Boards Coast Watershed Plans and modify applicable Stormwater Permits	RWQCB, SWRCB, NRCS, SCRC, NMFS, CDFW, TU, CT, CHEER	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0
UC-SCCCS-14.2	Review, assess and modify if necessary all NPDES wastewater discharge permits	RWQCB, SWRCB, NMFS, SCRC, CDFW, TU, CT, CHEER	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0

Table 9-5. South-Central California Coast Steelhead DPS Recovery Action Table for Lower Salinas River and Sub-Watersheds (Interior Coast Range BPG).

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
Salinas River													
Sal-SCCCS -1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, USGS, RCDSC, MC, SLOC, NMFS, CDFW, USTRCD, USWC, TWI,TU,TCFT	Agricultural Development	1, 4	1B	20	0	0	0	0	0	0	0
Sal-SCCCS -1.2	Manage agricultural development and restore riparian zones	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, USLTRCD, USWC, TWI,TU,TCFT	Agricultural Development	1, 4	1B	5	0	0	0	0	0	0	0
Sal-SCCCS -1.3	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, USLTRCD, USWC, CSLRCD,TWI,TU,TCFT	Agricultural Development	1, 4	2B	5	47520	0	0	0	0	0	47520
Sal-SCCCS -2.1	Develop and implement a plan to minimize runoff from agricultural activities	RWQCB, SWRCB,NRCS, BLM, USGS, NMFS, CDFW, RCDMC, MC,SLOC, USLTRCD, USWC, TWI,TU,TCFT	Agricultural Effluents	1, 4	1B	100	0	0	0	0	0	0	0
Sal-SCCCS -3.1	Conduct a watershed-wide fish passage barrier assessment	NMFS, CDFW, CCON, MC, FRGP, SLOC, RCDSC, CDOT, USCW, USLTRCD,TWI, CT, TCFT	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	96690	0	0	0	0	0	96690
Sal-SCCCS -3.2	Develop and implement a plan to remove or modify fish passage barriers with in the watershed	NMFS, CDFW, CCON, MC, FRGP, SLOC, RSDMC, CDOT, USCW, USLTRCD,TWI, CT, TCFT	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	0	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Sal-SCCCS -4.1	Develop and implement water management plan for dam operations	NMFS, CDFW, CCON, MC, MCWRA, FRGP, SLOC, RCDMC, USWC, USLTRCD, TWI, CT, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850
Sal-SCCCS -4.2	Develop and implement water management plan for diversion operations	NMFS, CDFW, CCON, MC, MCWRA, FRGP, SLOC, RCDMC, USWC, USLTRCD, TWI, CT, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850
Sal-SCCCS -4.3	Provide fish passage around dams and diversions	NMFS, CDFW, CCON, MC, MCWRA, FRGP, SLOC, RCDMC, USWC, USLTRCD, TWI, CT, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	10	TBD	TBD	TBD	TBD	TBD	TBD
Sal-SCCCS -5.1	Develop and implement flood control maintenance program	ACOE, NMFS, NRCS, USGS, MC, SLOC, RCDMC, CDFW, TWI, USLTRCD, USWC, CT, TU, TCFT	Flood Control Maintenance	1, 4	1B	100	0	0	0	0	0	0
Sal-SCCCS -6.1	Conduct groundwater extraction analysis and assessment (or review and update)	USGS, NMFS, CDFW, MC, SLOC, RCDMC, USLTRCD, USWC, TWI, TU, CT, TCFT	Groundwater Extraction	1, 4	1A	5	91850	0	0	0	0	91850
Sal-SCCCS -6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, CDFW, MC, SLOC, RCDMC, USLTRCD, USWC, TWI, TU, CT, TCFT	Groundwater Extraction	1, 4	1A	10	254350	39775	0	0	0	294125
Sal-SCCCS -7.1	Develop and implement a plan to restore natural channel features	FEMA, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RSDMC, CDFW, TWI, USLTRCD, USWC, CT, TU, TCFT	Levees and Channelization	1, 4	1B	20	4217625	4217625	4217625	4217625	0	16870500

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Sal-SCCCS -7.2	Develop and implement plan to vegetate levees and eliminate or minimize herbicide use near levees	FEMA, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RCDMC, CDFW, TWI, USLTRCD, USWC,CT, TU, TCFT	Levees and Channelization	1, 4	1B	100	0	0	0	0	0	0
Sal-SCCCS -7.3	Develop and implement stream bank and riparian corridor restoration plan	FEMA, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RCDMC, CDFW, TWI, USLTRCD, USWC,CT, TU, TCFT	Levees and Channelization	1, 4	1B	5	10521940	0	0	0	0	10521940
Sal-SCCCS -8.1	Review and modify mining operations (e.g., using guidance in Cluer 2004)	USGS, NMFS, CDFW, CDMG, MC, SLOC, NRCS, RCDMC, USLTRCD, USWC,CT, TU, TCFT	Mining and Quarrying	1, 4, 5	1B	20	68030	0	0	0	0	68030
Sal-SCCCS -9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control measures	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, RCDMC, USLTRCD, USWC, TWI, TU, CT, TCFT	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0
Sal-SCCCS -9.2	Develop and implement a non-native species monitoring program	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, RSDMC, USLTRCD, USWC, TWI, TU, CT, TCFT	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0
Sal-SCCCS -9.3	Develop and implement a public educational program on non-native species impacts	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, RCDMC, USLTRCD, USWC, TWI, TU, CT, TCFT	Non-Native Species	1, 3, 5	3B	20	76140	76140	76140	76140	0	304560

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Sal-SCCCS -10.1	Manage off-road recreational vehicle activity in riparian floodplain corridors	USFWS, USFS, BLM, CDFW, MC, SLOC,WCB, TWI, USLTRCD, USWC,TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	5	62400	0	0	0	0	62400
Sal-SCCCS -10.2	Review and modify development and management plans for recreational areas and national forests	USFWS, USFS, BLM, CDFW, MC, SLOC, WCB, TWI, USLTRCD, USWC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	20	0	0	0	0	0	0
Sal-SCCCS -10.3	Develop and implement a public educational program on watershed processes	USFWS, USFS, BLM, CDFW, MC, SLOC,WCB,TWI, USLTRCD, USWC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	20	76140	76140	76140	76140	0	304560
Sal-SCCCS -11.1	Management roadways and adjacent riparian corridor and restore abandoned roadways	DOT, CDOT, USFWS, MC, SLOC, CDFW, USLTRCD, USWC, TWI, TU, CT, TCFT	Roads	1, 4	2B	20	0	0	0	0	0	0
Sal-SCCCS -11.2	Retrofit storm drains to filter runoff from roadways	DOT, CDOT, USFWS, RWQCB, MC, SLOC, CDFW, USLTRCD, USWC,TWI, TU, CT, TCFT	Roads	1, 4	2B	20	32260	32260	32260	32260	0	129040
Sal-SCCCS -11.3	Develop and implement plan to remove or reduce approach-fill for railroad lines and roads	DOT, CDOT, USFWS, MC, SLOC, CDFW, USLTRCD, USWC, TWI, TU, CT, TCFT	Roads	1,4	2B	20	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Sal-SCCCS-12.1	Develop and implement a restoration an estuary restoration and management plan	USFWS, EPA, NMFS, NFWF, CDFW, TU, CT, ESF	Upslope/Upstream Activities	1, 2, 3, 4, 5	1A	5	29949000	0	0	0	0	29949000
Sal-SCCCS-12.2	Review and modify applicable County and/or City Local Coastal Plans	CCOM, SCRC, CDFW, NMFS, MC, SLOC, USLTRCD, USWC, TWI, TU, CT, TCFT	Upslope/Upstream Activities	1, 2, 3, 4, 5	1B	5	62400	0	0	0	0	62400
Sal-SCCCS-13.1	Develop, adopt, and implement urban land-use planning policies and standards	NMFS, CDFW, MC, SLOC, USLTRCD, USWC, TU, CT, TCFT	Urban Development	1, 4	2B	5	62400	0	0	0	0	62400
Sal-SCCCS-13.2	Retrofit storm drains in developed areas	RWQCB, NMFS, CDFW, MC, SLOC, USLTRCD, USWC, TU, CT, TCFT	Urban Development	1, 4	1B	20	0	0	0	0	0	0
Sal-SCCCS-14.1	Review California Regional Water Quality Control Boards Watershed Plans and modify applicable Stormwater Permits	RWQCB, SWRCB, NMFS, MC, SLOC, CDFW, USLTRCD, USWC, TU, CT, TCFT	Urban Effluents	1, 4	1B	20	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Sal-SCCCS -14.2	Review, assess and modify if necessary all NPDES wastewater discharge permits (e.g., City of Paso Robles Wastewater Treatment Facility)	RWQCB, SWRCB, NMFS, MC, SLOC, CDFW, USLTRCD, USWC, TU, CT, TCFT	Urban Effluents	1, 4	1B	20	0	0	0	0	0	0
Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Gabilan Creek												
GC-SCCCS -1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, NMFS, CDFW, USGS, SCC, , RSDSC, SCRC, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	20	0	0	0	0	0	0
GC-SCCCS -1.2	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, NMFS, CDFW, USGS, SCC, , RSDSC, SCRC, TWI, TU, CT, CHEER	Agricultural Development	1, 4	1B	5	47520	0	0	0	0	47520
GC-SCCCS -1.3	Manage agricultural development and restore riparian zones	NRCS, BLM, NMFS, CDFW, USGS, SCC, , RSDSC, SCRC, TWI, TU, CT, CHEER	Agricultural Development	1, 4	2B	5	0	0	0	0	0	0
GC-SCCCS -2.1	Develop and implement a plan to minimize runoff from agricultural	NRCS, BLM, NMFS, RWQCB, SWRCB, CDFW, USGS, SCC, , RSDSC, SCRC, TWI, TU,	Agricultural Effluents	1, 4	1B	100	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	activities	CT, CHEER											
GC-SCCCS-3.1	Conduct a watershed-wide fish passage barrier assessment (or periodically update)	NMFS, USFS, CDFW, SCRC, RSDSC, CDOT, TWI, CT, TU, CHEER	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	96690	0	0	0	0	0	96690
GC-SCCCS-3.2	Develop and implement a plan to remove or modify fish passage barriers within the watershed	NMFS, USFS, CDFW, SCRC, RSDSC, CDOT, TWI, CT, TU, CHEER	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	0	0	0	0	0	0	0
GC-SCCCS-4.1	Develop and implement water management plan for any future diversion operations	NMFS, CDFW, SWRCB, SCRC, RSDSC, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	0	91850
GC-SCCCS-4.2	Develop and implement water management plan for any future dam operations	NMFS, CDFW, SWRCB, SCRC, RSDSC, TWI, ACWA, CT, TU, CHEER	Dam and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	0	91850
GC-SCCCS-4.3	Provide fish passage around any future dams and diversions	NMFS, CDFW, SWRCB, SCRC, RSDSC, TWI, ACWA, CT, TU, CHEER	Dams and Surface Water Diversions	1, 3, 4	1A	5	0	0	0	0	0	0	0
GC-SCCCS-5.1	Develop and implement flood control maintenance program	ACOE, NMFS, NRCS, USGS, SCRC, RSDSC, CDFW, TWI, CT, TU, CHEER	Flood Control Maintenance	1, 4	1B	100	0	0	0	0	0	0	0
GC-SCCCS-6.1	Conduct groundwater extraction analysis and assessment	USGS, NMFS, CDFW, SCRC, RSDSC, TWI, TU, CT, CHEER	Groundwater Extraction	1, 4	1A	5	91850	0	0	0	0	0	91850

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	(or review and update)												
GC-SCCCS-6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, CDFW, SCRC, RSDSC, TWI, TU, CT, CHEER	Groundwater Extraction	1, 4	1A	10	254350	39775	0	0	0	294125	
GC-SCCCS-7.1	Develop and implement plan to restore natural channel features	FEMA, USGS, NMFS, CDFW ACOE, BLM, NRCS, SCRC, RSDSC, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	20	4217625	4217625	4217625	4217625	0	16870500	
GC-SCCCS-7.2	Develop and implement plan to vegetate levees and eliminate or minimize herbicide use near levees	FEMA, USGS, NMFS, CDFW, ACOE, BLM, NRCS, SCRC, RSDSC, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	100	0	0	0	0	0	0	
GC-SCCCS-7.3	Develop and implement stream bank and riparian corridor restoration plan	FEMA, USGS, NMFS, CDFW, ACOE, BLM, NRCS, SCRC, RSDSC, TWI, TU, CT, CHEER	Levees and Channelization	1, 4	1B	5	10521940	0	0	0	0	10521940	
GC-SCCCS-9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control measures	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0	
GC-SCCCS-9.2	Develop and implement a non-native species monitoring program	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS, TWI, TU, CT, CHEER	Non-Native Species	1, 3, 5	3B	100	0	0	0	0	0	0	
GC-SCCCS	Develop and implement a public	USFWS, NMFS, CDFW, SCRC, RSDSC, NRCS,	Non-Native Species	1, 3, 5	3B	20	76140	76140	76140	76140	0	304560	

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
-9.3	educational program on non-native species impacts (or periodically update)	TWI, TU, CT, CHEER											
GC-SCCCS -10.1	Develop and implement a public educational program on watershed processes (or periodically update)	USFWS, CSCC, CDFW, CCRP, SCRC, WCB, TWI, TU, CT, CHEER	Recreational Facilities	1, 2, 3, 4, 5	3B	20	76140	76140	76140	76140	0	304560	
GC-SCCCS -11.1	Manage roadways and adjacent riparian corridor and restore abandoned roadways	DOT, CDOT, USFWS, SCRC, CDFW, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	0	0	0	0	0	0	
GC-SCCCS -11.2	Retrofit storm drains to filter runoff from roadways	DOT, CDOT, USFWS, SCRC, CDFW, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	32260	32260	32260	32260	0	129040	
GC-SCCCS -11.3	Develop and implement plan to remove or reduce approach-fill for railroad lines and roads	DOT, CDOT, USFWS, SCRC, CDFW, TWI, TU, CT, CHEER	Roads	1, 4	2B	20	0	0	0	0	0	0	
GC-SCCCS -13.1	Develop, adopt, and implement urban land-use planning policies and standards	SCRC, NMFS, CDFW, SCRC, TU, CT, CHEER	Urban Development	1, 4	2B	5	62400	0	0	0	0	62400	
GC-SCCCS -13.2	Retrofit storm drains in developed areas	SCRC, ACOE, NRCS, NMFS, SCRC, CDFW, TU, CT, CHEER	Urban Development	1, 4	2B	20	0	0	0	0	0	0	

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
GC-SCCCS-14.1	Review California Regional Water Quality Control Boards Watershed Plans and modify applicable Stormwater Permits	RWQCB, SWRCB, NRCS, SCRC, NMFS, CDFW, TU, CT, CHEER	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0
GC-SCCCS-14.2	Review, assess and modify NPDES wastewater discharge permits	RWQCB, SWRCB, NMFS, SCRC, CDFW, TU, CT, CHEER	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Arroyo Seco												
AS-SCCCS-1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, USGS, RSDMC, MC, NMFS, CDFW, USTRCD, TWI, SVFFC, TU, ASRA,	Agricultural Development	1, 4	1B	20	0	0	0	0	0	0
AS-SCCCS-1.2	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, TWI, SVFFC, TU, ASRA	Agricultural Development	1, 4	1B	5	47520	0	0	0	0	47520
AS-SCCCS-1.3	Manage agricultural development and restore riparian zones	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, TWI, SVFFC, TU, ASRA	Agricultural Development	1, 4	2B	5	0	0	0	0	0	0
AS-SCCCS-2.1	Develop and implement a plan to minimize runoff from	NRCS, BLM, USGS, RCDMC, RWQCB, SWRCB, MC, SLOC,	Agricultural Effluents	1, 4	1B	100	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
	agricultural activities	NMFS, CDFW, TWI, SVFFC, TU, ASRA										
AS-SCCCS-3.1	Conduct a watershed-wide fish passage barrier assessment (or review and update)	NMFS, USFS, USFWS, CDFW, CCCON, MC, FRGP, RCDMC, CDOT, TWI, CT, SVFFC, TU, ASRA	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	96690	0	0	0	0	96690
AS-SCCCS-3.2	Develop and implement a plan to remove or modify fish passage barriers within the watershed (e.g., Sycamore Flats, Miller's Lodge, Clark Colony, etc.)	NMFS, USFW, USFS, CDFW, CCCON, MC, FRGP, RCDMC, CDOT, TWI, CT, SVFFC, TU, ASRA	Culverts and Road Crossings (Passage Barriers)	1, 4	1A	5	0	0	0	0	0	0
AS-SCCCS-4.1	Develop and implement water management plan for any future dam operations	NMFS, USFS, USFWS, CDFW, CCON, MC, MCWRA, FRGP, RSDMC, TWI, CT, SVFFC, TU, ASRA	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850
AS-SCCCS-4.2	Develop and implement water management plan for any future diversion operations	NMFS, USFS, USFWS, CDFW, CCON, MC, MCWRA, FRGP, RCDMC, TWI, CT, SVFFC, TU, ASRA	Dams and Surface Water Diversions	1, 3, 4	1A	100	0	0	0	0	0	0
AS-SCCCS-4.3	Provide fish passage around any future dams and diversions	NMFS, CDFW, CCON, MC, MCWRA, FRGP, RCDSC, TWI, CT, SVFFC, TU, ASRA	Dams and Surface Water Diversions	1, 3, 4	1A	100	TBD	TBD	TBD	TBD	TBD	TBD
AS-SCCCS-5.1	Develop and implement flood control maintenance program (or periodically update)	ACOE, USFS, USFWS, NMFS, CDFW, NRCS, USGS, MC, RCDMC, CDFW, TWI, CT, SVFFC, TU, ASRA	Flood Control Maintenance	1, 4	3B	100	0	0	0	0	0	0
AS-SCCCS-6.1	Conduct groundwater extraction analysis	USGS, NMFS, CDFW, MC, RCDMC, TWI, SVFFC, TU, CT, ASRA	Groundwater Extraction	1, 4	1A	5	91850	0	0	0	0	91850

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
	and assessment (or review and update)											
AS-SCCCS-6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, CDFW, MC, RCDSC, TWI, TU, CT, ASRA	Groundwater Extraction	1, 4	1A	10	254350	39775	0	0	0	294125
AS-SCCCS-7.1	Develop and implement a plan to restore natural channel features	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, RCDMC, CDFW, TWI, CT, SVFFC, TU, ASRA	Levees and Channelization	1, 4	2B	20	4217625	4217625	4217625	4217625	0	16870500
AS-SCCCS-7.2	Develop and implement plan to vegetate levees and eliminate or minimize herbicide use near levees	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, RCDMC, CDFW, TWI, CT, SVFFC, TU, ASRA	Levees and Channelization	1, 4	2B	100	0	0	0	0	0	0
AS-SCCCS-7.3	Develop and implement stream bank and riparian corridor restoration plan	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, RCDMC, CDFW, TWI, CT, SVFFC, TU, ASRA	Levees and Channelization	1,4	2B	5	10521940	0	0	0	0	10521940
AS-SCCCS-9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control measures	USFWS, USFS, NMFS, CDFW, RSDMC, NRCS, RCDMC, TWI, SVFFC, TU, CT, ASRA	Non-Native Species	1, 3, 5	2B	100	0	0	0	0	0	0
AS-SCCCS-9.2	Develop and implement a non-native species monitoring program	USFWS, USFS, NMFS, CDFW, RCDMC, NRCS, RSDMC, TWI, SVFFC, TU, CT, ASRA	Non-Native Species	1, 3, 5	2B	100	0	0	0	0	0	0
AS-SCCCS-	Develop and implement a public	USFWS, USFS, NMFS, CDFW, RCDMC, NRCS,	Non-Native Species	1, 3, 5	2B	20	76140	76140	76140	76140	0	304560

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
9.3	educational program on non-native species impacts	RCDSC, TWI, SVFFC, TU, CT, ASRA											
AS-SCCCS-10.1	Manage off-road recreational vehicle activity in riparian floodplain corridors	USFWS, USFS, BLM, CDFW, MC, WCB, TWI, SVFFC, TU, CT, ASRA	Recreational Facilities	1, 2, 3, 4, 5	2B	5	62400	0	0	0	0	0	62400
AS-SCCCS-10.2	Review and modify development and management plans for recreational areas and national forests	USFWS, USFS, BLM, CDFW, MC, WCB, TWI, TU, CT, ASRA	Recreational Facilities	1, 2, 3, 4, 5	2B	20	0	0	0	0	0	0	0
AS-SCCCS-10.3	Develop and implement a public educational program on watershed processes	USFWS, USFS, BLM, CDFW, MC, WCB, TWI, SVFFC, TU, CT	Recreational Facilities	1, 2, 3, 4, 5	2B	20	76140	76140	76140	76140	0	0	304560
AS-SCCCS-11.1	Manage roadways and adjacent riparian corridor and restore abandoned roadways	DOT, CDOT, USFWS, MC, RCDMC, CDFW, TWI, SVFFC, TU, CT, ASRA	Roads	1, 4	2B	20	0	0	0	0	0	0	0
AS-SCCCS-11.2	Retrofit storm drains to filter runoff from roadways	DOT, CDOT, USFWS, MC, RCDMC, CDFW, TWI, SVFFC, TU, CT, ASRA	Roads	1, 4	2B	20	32260	32260	32260	32260	0	0	129040
AS-SCCCS-13.1	Develop and implement riparian restoration plan to replace artificial bank stabilization structures	USFS, USFWS, NMFS, RCDMC, CDFW, MC, SVFFC, TU, CT	Urban Development	1, 4	3B	5	398000	0	0	0	0	0	398000
AS-SCCCS-14.1	Review California Regional Water Quality Control Board Central Coast Region Basin Plans and modify applicable	USFS, NMFS, RCDSC, RWQCB, SWRCB, CDFW, MC, SVFFC, TU, CT, ASRA	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
	stormwater permits											
AS-SCCCS-14.2	Review, assess and modify if necessary all NPDES wastewater discharge permits	USFS, NMFS, RCDMC, RWQCB, SWRCB, CDFW, MC, TU, CT, ASRA	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0

Table 9-6. South-Central California Coast Steelhead DPS Recovery Action Table for Upper Salinas River and Sub-Watersheds (Interior Coast Range BPG).

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
San Antonio												
SAnt-SCCCS-1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, TWI, SVFFC, TU, TCFT	Agricultural Development	1, 4	2B	20	0	0	0	0	0	0
SAnt-SCCCS-1.2	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, TWI, SVFFC, TU, TCFT	Agricultural Development	1, 4,	2B	5	47520	0	0	0	0	47520
SAnt-SCCCS-1.3	Manage agricultural development and restore riparian zones	NRCS, BLM, USGS, RCDMC, MC, SLOC, NMFS, CDFW, TWI, SVFFC,,TU, TCFT	Agricultural Development	1, 4,	3B	5	0	0	0	0	0	0
SAnt-SCCCS-2.1	Develop and implement a plan to minimize runoff from agricultural activities	NRCS, BLM, USGS, RCDMC, RWQCB, SWRCB,MC,SLOC, NMFS, CDFW, TWI SVFFC,,TU, TCFT	Agricultural Effluents	1, 4	3B	100	0	0	0	0	0	0
SAnt-SCCCS-3.1	Develop and implement plan to remove or modify fish passage barriers within the watershed	NMFS, USFS, USFWS, CDFW, CCCON, MC, SLOC, FRGP, RCDMC, CDOT, TWI, CT, TU, TCFT	Culverts and Road Crossings (Passage Barriers)	1,4	1B	5	0	0	0	0	0	0
SAnt-SCCCS-3.2	Conduct watershed-wide fish passage barrier assessment	NMFS, USFS, USFWS, CDFW, CCCON, MC, SLOC, FRGP, RCDMC, CDOT, TWI, CT, SVFFC, TU, TCFT	Culverts and Road Crossings (Passage Barriers)	1, 4	1B	5	96690	0	0	0	0	96690
SAnt-SCCCS-4.1	Develop and implement water management plan for diversion	NMFS, USFS, USFWS, CDFW, CCON, MC, SLOC, MCWRA, FRGP, RCDMC, TWI, CT, SVFFC, TU,	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	operations	TCFT											
SAnt-SCCCS-4.2	Develop and implement water management plan for dam operations (or periodically update)	NMFS, USFS, USFWS, CDFW, CCON, MC, SLOC, MCWRA, FRGP, RCDMC, TWI, CT, SVFFC, TU, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	0	91850
SAnt-SCCCS-4.3	Provide fish passage around dams and diversions	NMFS, USFS, USFWS, CDFW, CCON, MC, SLOC, MCWRA, FRGP, RCDMC, TWI, CT, SVFFC, TU, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	10	TBD	TBD	TBD	TBD	TBD	TBD	TBD
SAnt-SCCCS-5.1	Develop and implement flood control maintenance program (or periodically update)	ACOE, USFS, USFWS, NMFS, CDFW, NRCS, USGS, MC, RCDMC, CDFW, TWI, CT, SVFFC, TU, TCFT	Flood Control Maintenance	1, 4	2B	100	0	0	0	0	0	0	0
SAnt-SCCCS-6.1	Conduct groundwater extraction analysis and assessment (or review and update)	USGS, NMFS, DWR, CDFW, MC, RCDMC, TWI, SVFFC, TU, CT, TCFT	Groundwater Extraction	1, 4	1A	5	91850	0	0	0	0	0	91850
SAnt-SCCCS-6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, DWR, CDFW, MC, RCDMC, TWI, TU, CT, TCFT	Groundwater Extraction	1, 4	1A	10	254350	39775	0	0	0	0	294125
SAnt-SCCCS-7.1	Develop and implement plan to restore natural channel features	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RCDMC, CDFW, TWI, CT, SVFFC, TU, TCFT	Levees and Channelization	1, 4	1B	20	4217625	4217625	4217625	4217625	0	0	16870500

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
SAnt-SCCCS-7.2	Develop and implement stream bank and riparian corridor restoration plan	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RCDMC, CDFW, TWI, CT, SVFFC, TU, TCFT	Levees and Channelization	1, 4	1B	5	10521940	0	0	0	0	10521940
SAnt-SCCCS-9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control measures	USFWS, USFS, NMFS, CDFW, MC, SLOC, RCDMC, MCWRA, NRCS, TWI, TU, CT, TCFT	Non-Native Species	1, 3, 5	2B	100	0	0	0	0	0	0
SAnt-SCCCS-9.2	Develop and implement a non-native species monitoring program	USFWS, USFS, NMFS, CDFW, MC, SLOC, RCDMC, MCWRA, NRCS, TWI, SVFFC, TU, CT, TCFT	Non-Native Species	1, 3, 5	2B	100	0	0	0	0	0	0
SAnt-SCCCS-9.3	Develop and implement a public educational program on non-native species impacts	USFWS, USFS, NMFS, CDFW, MC, SLOC, RCDMC, MCWRA, NRCS, TWI, TU, CT, TCFT	Non-Native Species	1, 3, 5	2B	20	76140	76140	76140	76140	0	304560
SAnt-SCCCS-10.1	Manage off-road recreational vehicle activity in riparian floodplain corridors	USFWS, USFS, USA, BLM, NMFS, CDFW, MC, MCWRA, WCB.TWI, SVFFC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	5	62400	0	0	0	0	62400
SAnt-SCCCS-10.2	Review and modify development and management plans for recreational areas and national forests.	USFWS, USFS, USA, BLM, NMFS, CDFW, MC, MCWRA, WCB.TWI, SVFFC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	20	0	0	0	0	0	0
SAnt-SCCCS-10.3	Develop and implement a public educational program on watershed	USFWS, USFS, USA, BLM, NMFS, CDFW, MC, MCWRA, WCB.TWI, SVFFC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	20	76140	76140	76140	76140	0	304560

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	processes												
SAnt-SCCCS-11.1	Manage roadways and adjacent riparian corridor and restore abandoned roadways	DOT, USA, CDOT, USFWS, MC, SLOC, MCWRA, RCDMC, CDFW, TWI, SVFFC, TU, CT, TCFT	Roads	1, 4	2B	20	0	0	0	0	0	0	0
SAnt-SCCCS-11.2	Retrofit storm drains to filter runoff from roadways	DOT, USA, CDOT, USFWS, RWQCB, SWRCB, MC, SLOC, MCWRA, RCDMC, CDFW, TWI, SVFFC, TU, CT, TCFT	Roads	1, 4	2B	20	32260	32260	32260	32260	0	129040	
SAnt-SCCCS-11.3	Develop and Implement plan to remove or reduce approach-fill for railroad line and roads	DOT, USA, CDOT, USFWS, RWQCB, SWRCB, MC, SLOC, MCWRA, RCDMC, CDFW, TWI, SVFFC, TU, CT, TCFT	Roads	1, 4	2B	20	0	0	0	0	0	0	0
SAnt-SCCCS-12.1	Review applicable Integrated Natural Resources Management Plans	USA, USFWS, USFW, NMFS, CDFW, MC, MCWRA, RCDMC, TWI, CT, SVFFC, TU, TCFT	Upslope/Upstream Activities	1, 4	2B	20	0	0	0	0	0	0	0
SAnt-SCCCS-13.1	Develop, adopt, and implement urban land-use planning policies and standards	USFS, USA, USFWS, NMFS, CDFW, RCDMC, MCWRA, CDFW, MC, SLOC, SVFFC, TU, CT, TCFT	Urban Development	1, 4	3B	5	62400	0	0	0	0	0	62400
SAnt-SCCCS-13.2	Retrofit storm drains in developed areas	USFWS, USA, NMFS, RCDMC, RWQCB, SWRCB, NMFS, CDFW, MC, SLOC, SVFFC, TU, CT, TCFT	Urban Development	1, 4	3B	20	0	0	0	0	0	0	0
SAnt-SCCCS-13.3	Develop and implement riparian restoration plan to replace artificial bank stabilization	USFS, USA, USFWS, NMFS, CDFW, RSDSC, MCWRA, MC, SLOC, SVFFC, TU, CT, TCFT	Urban Development	1, 4	3B	5	398000	0	0	0	0	0	398000

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
	structures											
SAnt-SCCCS-14.1	Review California Regional Water Quality Control Board Central Coast Region Basin Plans and modify applicable stormwater permits	USFS, USA, NMFS, RCDMC, RWQCB, SWRCB, CDFW, MC, SVFFC, TU, CT, TCFT	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0
SAnt-SCCCS-14.2	Review, assess and modify if necessary all NPDES wastewater discharge permits	USFS, USA, NMFS, RCDMC, RWQCB, SWRCB, CDFW, MC, SVFFC, TU, CT, TCFT	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Nacimiento												
Nac-SCCC S-1.1	Develop, adopt, and implement agricultural land-use planning policies and standards	NRCS, BLM, USGS, RCDMC SLOC, NMFS, CDFW, CSLRCD, SVFFC, TU, TCFT	Agricultural Development	1, 4	2B	20	47520	0	0	0	0	47520
Nac-SCCC S-1.3	Manage livestock grazing to maintain or restore aquatic habitat functions	NRCS, BLM, USGS, SLOC, NMFS, RCDMC, CDFW, CSLRCD, SVFFC, TU, TCFT	Agricultural Development	1, 4	2B	5	0	0	0	0	0	0
Nac-SCCC S-1.4	Manage agricultural development and restore riparian zones	NRCS, BLM, USGS, RCDMC, SLOC, NMFS, CDFW, CSLRCD, SVFFC, TU, TCFT	Agricultural Development	1, 4	3B	5	0	0	0	0	0	0
Nac-SCCC S-3.1	Conduct watershed-wide fish passage barrier assessment	NMFS, USFS, USFWS, CDFW, CCON, RCDMC, SLOC, FRGP, CDOT, CSLRCD, CT, SVFFC, TU, TCFT	Culverts and Road Crossings (Passage Barriers)	1, 4	1B	5	0	0	0	0	0	0
Nac-SCCC S-3.2	Develop and implement plan to remove or modify fish passage barriers within the watershed	NMFS, USFS, USFWS, RCDMC, CDFW, CCON, RCDMC, SLOC, FRGP, CDOT, CSLRCD, CT, SVFFC, TU, TCFT	Culverts and Road Crossings (Passage Barriers)	1, 4	1B	5	91850	0	0	0	0	91850
Nac-SCCC S-4.1	Develop and implement water management plan for dam operations (or periodically update)	NMFS, USFS, USFWS, CDFW, CCON, MCWRA, SLOC, FRGP, CT, SVFFC, TU, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	5	91850	0	0	0	0	91850
Nac-SCCC S-4.2	Develop and implement water management plan for diversion operations (or periodically update)	NMFS, USFS, USFWS, CDFW, CCON, MCWRA, SLOC, FRGP, CT, TU, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	5	0	0	0	0	0	0
Nac-SCCC S-4.3	Provide fish passage around dams and diversions	NMFS, USFS, USFWS, CDFW, CCON, MCWRA, SLOC, FRGP, CT, SVFFC, TU, TCFT	Dams and Surface Water Diversions	1, 3, 4	1A	10	TBD	TBD	TBD	TBD	TBD	TBD

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)					
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100
Nac-SCCC S-5.1	Develop and implement flood control maintenance program (or periodically update)	ACOE, USFS, USFWS, NMFS, CDFW, NRCS, USGS, MC, MCWRA, CSLRCD, CDFW, CT, SVFFC, TU, TCFT	Flood Control Maintenance	1, 4	2B	100	91850	0	0	0	0	91850
Nac-SCCC S-6.1	Conduct groundwater extraction analysis and assessment (or review and update)	USGS, NMFS, CDFW, SLOC, TU, CT, TCFT	Groundwater Extraction	1, 4	1A	5	254350	39775	0	0	0	294125
Nac-SCCC S-6.2	Develop and implement a groundwater monitoring and management program (or review and update)	USGS, NMFS, CDFW, SLOC, SVFFC, TU, CT, TCFT	Groundwater Extraction	1, 4	1A	10	4217625	4217625	4217625	4217625	0	16870500
Nac-SCCC S-7.1	Develop and implement a plan to restore natural channel features	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RSDSC, CSLRCD, CDFW, TWI, CT, SVFFC, TU, TCFT	Levees and Channelization	1, 4	1B	20	0	0	0	0	0	0
Nac-SCCC S-7.2	Develop and implement plan to vegetate levees and eliminate or minimize herbicide use near levees	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, SLOC, RSDSC, CSLRCD, CDFW, TWI, CT, SVFFC, TU, TCFT	Levees and Channelization	1, 4	1B	100	10521940	0	0	0	0	10521940
Nac-SCCC S-7.3	Develop and implement stream bank and riparian corridor restoration plan	FEMA, USFS, USFWS, USGS, ACOE, BLM, NRCS, NMFS, MC, RCDMC, SLOC, CSLRCD, CDFW, TWI, CT, SVFFC, TU, TCFT	Levees and Channelization	1, 4	2B	5	0	0	0	0	0	0
Nac-SCCC S-9.1	Develop and implement a watershed-wide plan to assess the impacts of non-native species and develop control	USFWS, USFS, NMFS, CDFW, MC, SLOC, RSDSC, MCWRA, NRCS, RCDMC, TWI, TU, CT, TCFT	Non-Native Species	1, 3, 5	2B	100	0	0	0	0	0	0

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	measures												
Nac-SCCC S-9.2	Develop and implement a non-native species monitoring program	USFWS, USFS, NMFS, CDFW, MC, SLOC, RCDMC, MCWRA, NRCS, RSDSC, TWI, SVFFC, TU, CT, TCFT	Non-Native Species	1, 3, 5	2B	100	76140	76140	76140	76140	0	304560	
Nac-SCCC S-9.3	Develop and implement a public educational program on non-native species impacts	USFWS, USFS, NMFS, CDFW, MC, SLOC, RCDMC, MCWRA, NRCS, RCDMC, TWI, SVFFC, TU, CT, TCFT	Non-Native Species	1, 3, 5	2B	20	62400	0	0	0	0	62400	
Nac-SCCC S-10.1	Manage off-road recreational vehicle activity in riparian floodplain corridors	USFWS, USFS, USA, BLM, NMFS, CDFW, MC, MCWRA, WCB, TWI, SVFFC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	5	0	0	0	0	0	0	
Nac-SCCC S-10.2	Review and modify development and management plans for recreational areas and national forests	USFWS, USFS, USA, BLM, NMFS, CDFW, MC, MCWRA, WCB, TWI, SVFFC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	20	62400	0	0	0	0	62400	
Nac-SCCC S-10.3	Develop, adopt, and implement recreational land-use planning policies	USFWS, USFS, USA, BLM, NMFS, CDFW, MC, MCWRA, WCB, TWI, SVFFC, TU, CT, TCFT	Recreational Facilities	1, 2, 3, 4, 5	2B	5	0	0	0	0	0	0	
Nac-SCCC S-11.1	Manage roadways and adjacent riparian corridor and restore abandoned roadways	DOT, CDOT, USFWS, RWQCB, SWRCB, MC, SLOC, SLOC, MCWRA, CSLRCD, CDFW, TWI, SVFFC, TU, CT, TCFT	Roads	1, 4	2B	20	32260	32260	32260	32260	0	129040	
Nac-SCCC S-11.2	Retrofit storm drains to filter run-off from roadways	DOT, CDOT, USFWS, RWQCB, SWRCB, MC, SLOC, MCWRA, CSLRCD, CDFW, TWI, SVFFC, TU, CT, TCFT	Roads	1, 4	2B	20	0	0	0	0	0	0	
Nac-SCCC S-11.3	Develop and implement a plan to remove or reduce approach-fill for	DOT, CDOT, USFWS, RWQCB, SWRCB, MC, SLOC, MCWRA, CSLRCD, CDFW, TWI,	Roads	1, 4	2B	20	0	0	0	0	0	0	

Action #	Recovery Action Description	Potential Collaborators	Threat Source	Listing Factors (1 - 5)	Action Rank (1A, 1B, 2A, 2B, 3A, 3B)	Task Duration	Fiscal Year Costs (\$K)						
							FY 1-5	FY 6-10	FY 11-15	FY 16-20	FY 21-25	FY 1-100	
	railroad lines and roads	SVFFC, TU, CT, TCFT											
Nac-SCCC S-12.1	Review applicable Integrated Natural Resources Management Plans	USA, USFWS, USFW, NMFS, CDFW, MC, MCWRA, RCDMC, TWI, CT, SVFFC, TU, TCFT	Upslope/Upstream Development	1, 4	2B	20	0	0	0	0	0	0	0
Nac-SCCC S-13.1	Retrofit storm drains in developed areas	USFS, USA, USFWS, NMFS, CDFW, RCDMC, MCWRA, CDFW, MC, SLOC, SVFFC, TU, CT, TCFT	Urban Development	1, 4	3B	20	62400	0	0	0	0	0	62400
Nac-SCCC S-13.2	Develop, adopt, and implement urban land-use planning policies and standards	USFS, USA, USFWS, NMFS, CDFW, RCDMC, MCWRA, MC, SLOC, SVFFC, TU, CT, TCFT	Urban Development	1, 4	3B	5	398000	0	0	0	0	0	398000
Nac-SCCC S-13.3	Develop and implement riparian restoration plan to replace artificial bank stabilization structures	USFS, USA, USFWS, NMFS, CDFW, RCDMC, MCWRA, DFG, MC, SLOC, SVFFC, TU, CT, TCFT	Urban Development	1, 4	2B	5	0	0	0	0	0	0	0
Nac-SCCC S-14.1	Review California Regional Water Quality Control Board Central Coast Region Basin Plans and modify applicable stormwater permits	USFS, USA, NMFS, RCDMC, MC, SLOC, RWQCB, SWRCB, SVFFC, TU, CT, TCFT	Urban Effluents	1, 4	2B	20	0	0	0	0	0	0	0
Nac-SCCC S-14.2	Review, assess and modify if necessary all NPDES wastewater discharge permits (e.g., Heritage Ranch Wastewater Treatment Facility)	USFS, USA, NMFS, RCDMC, MC, SLOC, RWQCB, SWRCB, DFG, SVFFC, TU, CT, TCFT	Urban Effluents	1, 4	2B	20	47520	0	0	0	0	0	47520