

Truncated Implementation Schedule for the CCC Coho ESU

HSA PRIORITY	TASK LEVEL	TASK NUMBER	TASK DESCRIPTION	IDENTIFIED ACTION ENTITIES	ESTIMATED DURATION	ORIGINAL IDENTIFIER
MENDOCINO COAST HU						
E		MC-HU-01	Update general plans to include measures to protect coho salmon.	Potential Lead: Counties Others: Watershed Groups, CDFG, NOAA Fisheries	Long-term	MC-HU-01
E		MC-HU-08	Maintain current LWD, boulders, and other structure-providing features to maintain current stream complexity and pool frequency and depth.	Potential Lead: Landowners, Counties Others: CDFG, NOAA Fisheries, Watershed Groups	Interim/ Continual	MC-HU-06
E		MC-HU-11	Assess, prioritize, and treat sediment sources at an HSA level.	Potential Lead: CDFG, Others: Watershed Groups, Landowners, NOAA Fisheries, NCRWQCB, CDF, Counties. BLM, DPR, RCDs, CCC	Interim/ Ongoing	MC-HU-07
E		MC-HU-12	Determine site-specific recommendations, including incentives, to remedy high temperatures.	Potential Lead: CDFG, NOAA Fisheries Others: Landowners, Watershed Groups, Counties	Long-term	MC-HU-08
E		MC-HU-14	Map unstable soils.	Potential Lead: Counties, CDFG Others: Watershed Groups, Landowners, NOAA Fisheries, NCRWQCB, CDF, BLM, RCDs	Long-term	MC-HU-09
E		MC-HU-18	Continue to treat existing upslope sediment to improve pool frequency and depth and decrease sediment load.	Potential Lead: CDFG Others: Watershed Groups, Landowners, NOAA Fisheries, NCRWQCB, CDF, Counties BLM, DPR, RCDs, CCC	Interim/ Ongoing	MC-HU-11
E		MC-HU-19	Avoid or minimize land fragmentation or conversion to more intensive uses to maintain pool frequency and depth.	Potential Lead: Counties, CDFG Others: Watershed Groups, Landowners, CDFG	Long-term / Continual	MC-HU-11b
E		MC-HU-24	Investigate the desirability and feasibility of beaver reintroductions to promote channel complexity and provide rearing habitat.	Potential Lead: CDFG, NOAA Fisheries Others: Academia	Long-term	MC-HU-13
E		MC-HU-31	Cooperatively evaluate the rate, location, and volume of water drafting for dust control in streams or tributaries and where appropriate, minimize water withdrawals that could impact coho salmon.	Potential Lead: CDF, SWRCB, CDFG Others: Landowners, NOAA Fisheries, Caltrans, RWQCBs	Long-term/ Continual	MC-HU-16
E		MC-HU-36	Prioritize and upgrade culverts to provide coho salmon passage within the range of coho salmon to pass 100-year flows and the expected debris loads.	Potential Lead: Federal, State, local, and tribal government; ranching, agricultural, forestry, fishing, and conservation stakeholders	Interim	MC-HU-19
E		MC-HU-37	Upgrade culverts to provide coho salmon passage within the range of coho salmon to pass 100-year flows and the expected debris loads.	Potential Lead: CDFG, NOAA Fisheries, Counties	Interim/ Continual	MC-HU-19b

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MENDOCINO COAST HU (continued)						
	E	MC-HU-38	Identify areas of increased risk of mass wasting and fine sediment loads to decrease sediment from transportation projects and land management activities.	Potential Lead: CDFG, NCRWCB, Caltrans, Counties, Landowners Others: Watershed Groups, CDF, CCC	Interim/ Continual	MC-HU-20
	E	MC-HU-40	Abandon riparian road systems and/or upgrade roads and skid trails that deliver sediment to adjacent watercourses to decrease fine sediment loads.	Potential Lead: Counties, NCRWQB, CDFG Others: Landowners, Counties, Caltrans, Watershed Groups, RCDs, CDF, CCC, DPR	Interim/ Continual	MC-HU-21
	E	MC-HU-41	Limit winter use of unsurfaced roads and recreational trails by unauthorized and impacting uses to decrease fine sediment loads.	Potential Lead: Counties, NCRWQB, CDFG Others: Landowners, Counties, Caltrans, Watershed Groups, RCDs, CDF, CCC, DPR	Interim/ Continual	MC-HU-21b
	E	MC-HU-42	Minimize the density of road and trail crossings of watercourses.	Potential Lead: Counties, Landowners, Caltrans, CDF Others: CDFG, NCRWQCB, Watershed Groups, RCDs, CCC, DPR	Interim/ Continual	MC-HU-21c
	E	MC-HU-43	Wherever feasible, out-slope roads with rolling dips to decrease fine sediment loads.	Potential Lead: Counties, Landowners, Caltrans, CDF Others: CDFG, NCRWQCB, Watershed Groups, RCDs, CCC, DPR	Interim/ Continual	MC-HU-21d
	E	MC-HU-44	Identify and modify road maintenance activities that generate fine sediment to decrease fine sediment loads.	Potential Lead: Counties, Landowners, Caltrans, CDF Others: CDFG, NCRWQCB, Watershed Groups, RCDs, CDF, CCC, DPR	Interim/ Continual	MC-HU-21e
Albion River HSA						
5	D	MC-AR-06	Conduct comprehensive subbasin erosion control "storm proofing", combined with installation of LWD into streams.	Potential Lead: CDFG, Mendocino County, RCD, Landowners Others: CDF, CCC, DPR	Interim	MC-AR-12
5	E	MC-AR-07	Modify stream barriers to allow coho salmon passage while maintaining LWD.	Potential Lead: CDFG, Landowners, RCD Others: Mendocino County, CCC, DPR	Interim	MC-AR-13
Big River HSA						
HSA PRIORITY	TASK LEVEL	TASK NUMBER	TASK DESCRIPTION	IDENTIFIED ACTION ENTITIES	ESTIMATED DURATION	ORIGINAL IDENTIFIER
5	E	MC-BR-03	Identify actions to improve coordination between the agencies and others to address season of diversion, off-stream reservoirs, bypass flows protective of coho salmon and their habitat including spawning gravel and natural hydrograph, and avoidance of adverse impacts caused by water diversion.	Potential Lead: SWRCB Others: CDFG, NOAA Fisheries, County, Landowners	Interim/ Continual	MC-BR-01c
5	E	MC-BR-04	Implement actions to address season of diversion, off-stream reservoirs, bypass flows protective of coho salmon and their habitat including spawning gravel and natural hydrograph, and avoidance of adverse impacts caused by water diversion.	Potential Lead: SWRCB Others: CDFG, NOAA Fisheries, County, Landowners	Interim/ Continual	MC-BR-01d

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5	E	MC-BR-04	Implement actions to address season of diversion, off-stream reservoirs, bypass flows protective of coho salmon and their habitat including spawning gravel and natural hydrograph, and avoidance of adverse impacts caused by water diversion.	Potential Lead: SWRCB Others: CDFG, NOAA Fisheries, County, Landowners	Interim/ Continual	MC-BR-01d
5	E	MC-BR-05	Assess and map water diversions.	Potential Lead: SWRCB Others: CDFG, NOAA Fisheries, County, Landowners	Interim/ Continual	MC-BR-01e
Garcia River HSA						
4	D	MC-GA-01	Re-establish connectivity of North Fork Garcia River to the mainstem.	Potential Lead: CDFG, Counties, Landowners Others: NOAA Fisheries	Long-term	MC-GA-02
4	E	MC-GA-05	Apply the Garcia River Estuary Enhancement Feasibility Study Report to investigate coho salmon in the Garcia River estuary, as well as new information, to consider restoring estuary functions that would benefit coho salmon.	Potential Lead: CDFG, NOAA Fisheries Others: Mendocino County, Landowners, RCD, academia	Interim	MC-GA-08
4	D	MC-GA-06	If appropriate, restore estuary function to benefit coho salmon.	Potential Lead: Mendocino County, CDFG	Long-term	MC-GA-08b
4	D	MC-GA-08	Maintain Hathaway Creek, North Fork Garcia, Rolling Brook, Mill Creek (lower Garcia River), South Fork Garcia, Signal, Mill Creek (upper Garcia River) to continue to provide coldwater input to the mainstem Garcia.	Potential Lead: CDF Others: Landowners, CDFG, NOAA Fisheries, Counties, Caltrans	Interim/ Continual	MC-GA-11
4	D	MC-GA-11	Where necessary and with willing landowners, protect riparian vegetation buffer zones through conservation planning, acquisition, and easements.	Potential Lead: WCB, CDFG, NOAA Fisheries Others: Mendocino County, RCDs, Watershed Groups, Counties	Interim/ Ongoing	MC-GA-14
4	D	MC-GA-12	Excavate a geomorphically designed stream channel in the lower North Fork Garcia River to rectify subsurface flow during summer months and prevent coho salmon stranding.	Potential Lead: CDFG, NOAA Fisheries Others: Mendocino County, Watershed Groups	Long-term	MC-GA-16
4	E	MC-GA-13	Rescue juvenile coho salmon until subsurface summer flows are rectified.	Potential Lead: CDFG, NOAA Fisheries Others: Mendocino County, Watershed Groups	Interim	MC-GA-16b
Garcia River HSA (continued)						
4	E	MC-GA-15	Evaluate the value to coho salmon of projects to open logjam migration barriers in the North Fork, South Fork, and Fleming Creek.	Potential Lead: CDFG, NOAA Fisheries Others: Watershed Groups	Interim	MC-GA-18
4	D	MC-GA-16	If appropriate, open logjam barriers to coho salmon migration in the North Fork, South Fork, and Fleming Creek.	Potential Lead: CDFG, NOAA Fisheries Others: Watershed Groups	Interim	MC-GA-18b
Navarro River HSA						
4	E	MC-NA-05	Implement comprehensive, subbasin-wide erosion control and LWD installation for Flynn, Dutch Henry, John Smith, Minnie, Horse Camp and German creeks such as is being implemented on Little North Fork.	Potential Lead: MRC, CDFG Others: NOAA Fisheries, CDF, NCRWQCB	Interim	MC-NA-07
Noyo River HSA						

HSA PRIORITY	TASK LEVEL	TASK NUMBER	TASK DESCRIPTION	IDENTIFIED ACTION ENTITIES	ESTIMATED DURATION	ORIGINAL IDENTIFIER
4	E	MC-NO-01	Investigate the role of the Pudding Creek Dam impoundment in coho migration and freshwater survival rate.	Potential Lead: CDFG Others: NOAA Fisheries, Academia, Landowners	Interim	MC-NO-02
4	D	MC-NO-05	Remove barriers to coho salmon passage on the California Western Railway right-of-way.	Potential Lead: CDFG, NOAA Fisheries, Mendocino County	Interim	MC-NO-05b

Ten Mile River HSA

4	E	MC-TM-01	Complete erosion control on the North Fork Ten Mile River.	Potential Lead: Hawthorne-Campbell Company, CDFG Others: Trout Unlimited, NCRWQCB, NOAA Fisheries, Mendocino County, Landowners	Interim	MC-TM-01
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RUSSIAN RIVER HU

	E	RR-HU-02	Identify water diverters.	Potential Lead: RWQCB Others: SWRCB, Counties	Interim	RR-HU-03
	E	RR-HU-04	Assess, prioritize, and develop plans to treat barriers to coho salmon passage in all HSAs.	Potential Lead: CDFG, Counties Others: NOAA Fisheries, USFWS, Landowners	Interim	RR-HU-04
	E	RR-HU-06	Assess riparian canopy and impacts of exotic vegetation (e.g., <i>Arundo donax</i>), prioritize, and develop riparian habitat reclamation and enhancement programs.	Potential Lead: RCDs, CDFG Others: Landowners, Counties	Interim/ Continual	RR-HU-06
	E	RR-HU-10	Continue genetic analysis of source stocks for coho salmon broodstock.	Potential Lead: Bodega Marine Lab, CDFG Others: NOAA Fisheries	Interim/ Ongoing	RR-HU-08
	E	RR-HU-12	Identify additional streams that may be suitable for stocking coho salmon.	Potential Lead: CDFG Others: NOAA Fisheries, Academia	Interim	RR-HU-08c

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RUSSIAN RIVER HU (continued)

	E	RR-HU-23	Restore coho salmon passage at county structures on all streams inhabited by coho salmon, as identified in the Russian River Fish Passage Assessment report.	Potential Lead: Counties Others: CDFG, NOAA Fisheries, Landowners	Interim	RR-HU-12
	E	RR-HU-24	Expand coho salmon passage barrier inventories as needed to use a comprehensive watershed approach improving coho salmon passage.	Potential Lead: Counties Others: CDFG, NOAA Fisheries, Landowners	Interim	RR-HU-12b
	E	RR-HU-36	Promote streamside conservation measures, including conservation easements, setbacks, and riparian buffers.	Potential Lead: Sonoma and Mendocino Counties, Incorporated Areas Others: CDFG, NOAA Fisheries, Landowners, NCRWQCB	Interim/ Continual	RR-HU-16c
	E	RR-HU-38	Inventory, evaluate, and prioritize problem roads which contribute sediment to streams inhabited by coho salmon.	Potential Lead: Sonoma and Mendocino County Public Works Departments, Caltrans, Open Space Districts	Interim	RR-HU-17

HSA PRIORITY	TASK LEVEL	TASK NUMBER	TASK DESCRIPTION	IDENTIFIED ACTION ENTITIES	ESTIMATED DURATION	ORIGINAL IDENTIFIER
	E	RR-HU-40	Support efforts and develop county, city, and other local programs to protect and increase instream flows for coho salmon.	Others: CDFG, NCRWQB, Landowners, RCDs, NOAA Fisheries Potential Lead: SWRCB, CDFG, NCRWQCB Others: Counties, Landowners, RCDs	Interim	<i>RR-HU-18</i>

Russian River Mainstem (various HSAs)						
E	RR-MS-01	Manage summer flows in the mainstem Russian River to benefit rearing coho salmon and the estuary, while ensuring that all existing legal water uses and rights are accounted for.	Potential Lead: Sonoma County Water Agency (SCWA), USACE, NOAA Fisheries, SWRCB Others: CDFG, Landowners, Sonoma County	Interim/ Continual		RR-MS-01
E	RR-MS-02	Evaluate operating the estuary as a natural system to benefit coho salmon rearing and migration.	Potential Lead: SCWA, USACE, NOAA Fisheries, CDFG Others: Academia, Landowners, Sonoma County, SWRCB	Interim		RR-MS-02
E	RR-MS-06	Evaluate the feasibility of bypassing large dams.	Potential Lead: SCWA, USACE, NOAA Fisheries, CDFG Others: Landowners, Counties, Watershed Groups	Interim		RR-MS-04
E	RR-MS-08	Update temperature analyses below Coyote Dam and Warm Springs Dam and review dam management.	Potential Lead: SCWA, USACE, NOAA Fisheries Others: CDFG, Landowners, Counties	Interim		RR-MS-05
E	RR-MS-10	In upper mainstem, prioritize and plan coho salmon habitat restoration programs and projects.	Potential Lead: CDFG, SCWA, Mendocino County, NOAA Fisheries Others: Landowners, USACE, RCDs	Interim		RR-MS-06
Guerneville HSA						
5	E	RR-GU-03	Assess and prioritize sources of excess sediment.	Potential Lead: CDFG, RCDs, NCRWQCB Others: Landowners, Sonoma County, USFWS, NOAA Fisheries	Interim	RR-GU-02
Mark West HSA						
4	E	RR-MW-02	Develop plans to improve instream coho salmon habitat conditions.	Potential Lead: CDFG, NOAA Fisheries Others: Landowners, Sotoyome RCD, Sonoma County	Long-term	RR-MW-02
4	D	RR-MW-03	Implement measures to improve instream coho salmon habitat conditions.	Potential Lead: CDFG, NOAA Fisheries Others: Landowners, Sotoyome RCD, Sonoma County	Long-term	RR-MW-02b
4	E	RR-MW-04	Assess, prioritize, and develop plans to treat sources of excess sediment.	Potential Lead: CDFG, Sotoyome RCD, NCRWQB Others: Landowners, Sonoma County, USFWS, NOAA Fisheries	Interim	RR-MW-04

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PRIORITY LEVEL	NUMBER					
BODEGA/MARIN COASTAL HUS						
E	BM-HU-01	Implement BMPs for road projects maintaining environmentally sound upgrades, modifications, and new construction of road projects, including culverts and stream crossings.	Potential Lead: Counties, Caltrans Others: CDFG, NOAA Fisheries	Interim		BM-HU-01

HSA PRIORITY	TASK LEVEL	TASK NUMBER	TASK DESCRIPTION	IDENTIFIED ACTION ENTITIES	ESTIMATED DURATION	ORIGINAL IDENTIFIER
	E	BM-HU-03	Continue to implement erosion control projects that were assessed and inventoried in sediment assessment plans.	Potential Lead: CDFG Others: Landowners, RCDs, Counties, NCRWQCB, NPS, DPR, CCC, USFWS, NOAA Fisheries	Interim/ Continual	<i>BM-HU-02</i>
	E	BM-HU-10	Investigate opportunities for restoring historic runs in identified watersheds.	Potential Lead: CDFG, NOAA Fisheries	Interim	<i>BM-HU-09</i>
	E	BM-HU-11	Continue to support landowners and the Marin RCD to restore riparian zones and manage livestock to increase stream protection and soil retention.	Potential Lead: CDFG, County Others: Marin RCD, Landowners	Interim/ Ongoing	<i>BM-HU-10</i>
	E	BM-HU-12	Continue sustainable land management practices and control of sediment sources in agricultural zones.	Potential Lead: CDFG, County Others: Marin RCD, Landowners	Interim/ Ongoing	<i>BM-HU-10a</i>
	E	BM-HU-14	Implement coho salmon passage improvements as identified in inventories conducted by the Salmon Protection and Watershed Network (SPAWN), Taylor and Associates, Trout Unlimited and the NPS. Expand inventories as needed for a comprehensive watershed approach for coho salmon passage.	Potential Lead: CDFG, NOAA Fisheries, Counties Others: NPS, DPR, Landowners, Caltrans, USFWS, NOAA Fisheries	Interim	<i>BM-HU-12</i>
	E	BM-HU-18	Systematically work to restore coho salmon passage at county facilities.	Potential Lead: Counties Others: Landowners, Local Agencies, CDFG, NOAA Fisheries, USFWS	Interim	<i>BM-HU-13c</i>
	E	BM-HU-19	Address issues of sediment from roads through restoration and education.	Potential Lead: Counties, Caltrans Others: Landowners, Local Agencies, CDFG, NOAA Fisheries, USFWS	Interim	<i>BM-HU-13d</i>

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PRIORITY	LEVEL	NUMBER				
Lagunitas Creek HSA						
5	E	BM-LA-01	Use recommendations of existing sediment source surveys to restore habitat of coho salmon.	Potential Lead: CDFG, NOAA Fisheries, Marin County/MMWD Others: NPS, DPR, Landowners, Marin RCD	Interim	<i>BM-LA-01</i>
5	E	BM-LA-02	Expand inventories as needed for a comprehensive watershed approach for coho salmon passage.	Potential Lead: CDFG, NOAA Fisheries, Marin County/MMWD Others: NPS, DPR, Landowners, Marin RCD	Interim	<i>BM-LA-01a</i>
5	D	BM-LA-04	Complete any needed surveys of migration barriers that were not identified by Ross Taylor, SPAWN, and others.	Potential Lead: CDFG, NOAA Fisheries, Marin County/MMWD Others: Landowners, Marin RCD, SPAWN, NPS, DPR, Caltrans	Interim	<i>BM-LA-03b</i>
5	D	BM-LA-12	Work with private landowners to encourage biotechnical bank stabilization, riparian protections, woody debris retention, and timing of water withdrawals to help protect coho salmon.	Potential Lead: Marin RCD, Marin County, CDFG Others: Landowners, NPS, DPR	Long-term/ Continual	<i>BM-LA-11</i>
5	D	BM-LA-14	In the San Geronimo Creek sub-watershed, work with stock pond owners to remove non-native fish species where they are a threat to coho salmon.	Potential Lead: Watershed Groups, CDFG, Marin RCD	Long-term/ Continual	<i>BM-LA-13</i>
Bollinas HSA						
5	E	BM-BO-01	Implement recommendations of completed sediment source surveys and supplement surveys as necessary.	Potential Lead: Marin County, CDFG, Marin RCD Others: NPS, DPR, Landowners, USFWS, NOAA Fisheries	Long-term	<i>BM-BO-01</i>
5	D	BM-BO-02	Continue restoration efforts on Bollinas and Big lagoons to benefit coho salmon during all life phases and seasons.	Potential Lead: NPS Others: CDFG, Marin County, Landowners, NOAA Fisheries, USFWS	Interim/ Ongoing	<i>BM-BO-02</i>
5	E	BM-BO-03	Work with landowners through outreach and education and appropriate agencies to manage summer flows for coho salmon, on a watershed basis. Provide support and incentives to protect both fisheries flows and agriculture by timing of withdrawals, construction of off-site storage facilities, water conservation practices, and riparian zone protections. Conduct outreach and education for landowners on these practices.	Potential Lead: SWRCB, CDFG, NOAA Fisheries Others: Watershed Groups	Interim	<i>BM-BO-03</i>
Bollinas HAS (continued)						
5	D	BM-BO-07	Identify and prioritize coho salmon passage barriers in the Redwood Creek drainage.	Potential Lead: DPR, County Others: CDFG	Interim	<i>BM-BO-07</i>
5	D	BM-BO-08	Treat coho salmon passage barriers in the Redwood Creek drainage.	Potential Lead: DPR, County Others: CDFG	Interim	<i>BM-BO-07b</i>
San Gregorio Creek and Pescadero Creek HSAs						
4	E	SM-SG-01	Minimize take attributable to diversion of stream flow through	Potential Lead: RWQCB	Interim	<i>SM-SG-01</i>

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			alternatives, such as the operation of off-stream reservoirs, development of infrastructure necessary for conjunctive use of stream flow, and use of desalinated ocean water.	Others: CDFG, Landowners, Watershed Groups, Counties		
4	D	SM-SG-02	Conduct a watershed assessment in San Gregorio Creek that addresses impacts to coho salmon.	Potential Lead: CDFG Others: Watershed Groups, Landowners	Interim	SM-SG-02
4	D	SM-SG-04	Use the assessment results to develop a plan for restoration of coho salmon passage, instream habitat, and upslope erosion control, for implementation by cooperating landowners/managers.	Potential Lead: CDFG Others: Watershed Groups, Landowners	Interim	SM-SG-03b
4	D	SM-SG-06	Improve riparian areas by implementing BMPs designed to reduce bank erosion, water temperature, and the removal of LWD. These BMPs should include livestock exclusion fencing, reclamation and reconstruction of flood plain, and active revegetation.	Potential Lead: CDFG Others: Cattlemen's Association, Farm Bureau, Landowners, Watershed Groups, Counties, RWQCB	Interim	SM-SG-05
4	E	SM-SG-07	Encourage funding authorities to allocate adequate resources to prioritize and upgrade culverts to provide fish passage within the range of coho salmon to pass 100-year flows and the expected debris loads (e.g., LWD that might be mobilized).	Potential Lead: Federal, State, local, and tribal government; ranching, agricultural, forestry, fishing, and conservation stakeholders	Interim	SM-SG-06
Año Nuevo (Gazos Creek) HSA						
5	D	SM-AN-01	Implement the projects recommended as high priority for coho salmon in the Gazos Creek watershed restoration plan.	Potential Lead: Others: CDFG, Watershed Groups, Counties	Interim	SM-AN-01

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PRIORITY	LEVEL	NUMBER			DURATION	IDENTIFIER
BIG BASIN HU						
	E	BB-HU-03	Assess and prioritize culverts to provide coho salmon passage within the range of coho salmon, and to pass expected high flow debris loads (e.g., mobilized LWD).	Potential Lead: County Others: CDFG	Interim	<i>BB-HU-03</i>
	D	BB-HU-04	Prioritize and upgrade culverts providing coho salmon passage within the range of coho salmon and to pass expected high flow debris loads (e.g., mobilized LWD).	Potential Lead: County, CDFG Others: NOAA Fisheries	Interim	<i>BB-HU-03b</i>
	D	BB-HU-06	Implement the highest priority restoration projects in the watershed plans that address coho salmon habitat. Adjust on-going efforts based on results.	Potential Lead: Others: CDFG, Watershed Groups, Counties, Santa Cruz County Resource Conservation District, Coastal Conservancy	Interim/ Continual	<i>BB-HU-05</i>
Davenport HSA						
5	D	BB-DA-03	Improve riparian vegetation by implementing established BMPs designed to reduce bank erosion, temperature, and removal of LWD; also include livestock fencing where needed, reclamation or reconstruction of flood plains, and active revegetation (this recommendation applies especially to Scott Creek).	Potential Lead: CDFG Others: Cattlemen, Farm Bureau, Landowners, Watershed Groups, Counties, RWQCB, Santa Cruz County Resource Conservation District, Coastal Conservancy	Interim/ Continual	<i>BB-DA-03</i>