

2015 Fisheries Restoration Proposals - FRGP/SHRRC Focus - Funded List

Project Type	Proposal Number	Project Title	Applicant	Project Description	County	Region	Fund Amount
PD	031	Neefus Gulch Coho Salmon Barrier Removal Project Design	Trout Unlimited	Develop engineered designs to address fish passage at two sites on Neefus Gulch within the Rancho Navarro Subdivision. One site is an undersized, ill-aligned culvert that is a total barrier. The other site is an earthen and complete barrier forming a pond.	Mendocino	1	\$138,034
PD	223	Little Springs Creek Culvert Project at Louie Road Project Design	Northwest CA Resource Conservation & Development Council: Five Counties	The project objective is to remove a 36" CMP culvert which has created a partial migration barrier to anadromous salmonids on Little Springs Creek. This will improve access to more than one mile of suitable over-wintering and rearing fisheries habitat.	Siskiyou	1	\$61,448
PD	211	Blue Lake Off Channel Coho Habitat Improvement Design Project	Blue Lake Rancheria	The objective of this proposal is to develop designs that enhance connectivity to the floodplain by creating off-channel pond(s)/channel(s) which enhance non-natal winter high-flow refugia and over wintering habitat for coho salmon in the lower Mad River.	Humboldt	1	\$68,647
HI	199	Lower Mill Creek Instream Restoration Project, Phase 2	Hoopa Valley Tribe	To increase and enhance rearing and high flow velocity refugia habitat for coho salmon through implementation of site specific instream restoration on levee confined lower Mill Creek.	Humboldt	1	\$549,850
PD	114	Cachagua Creek Concrete Ford Alternative Design Project	Trout Unlimited, Inc.	Produce 100% design plan to modify or remove and replace with free span bridge an existing 65' long, 17' wide concrete vented ford which is the most down-stream barrier to fish passage on Cachagua Creek, tributary to the Carmel River in Monterey County.	Monterey	4	\$54,388
PD	091	Fish Passage Improvement Project at 12th Street	City of Fortuna	Develop design and construction documents to provide fish passage at the 12th Street culvert crossing barrier for all life stages of salmonids.	Humboldt	1	\$57,233
WC	133	Mattole Flow Program -Tributary Water Storage and Forbearance	Sanctuary Forest	Restore, improve and protect juvenile anadromous fish habitat through installation of 250,000 gallons of tank storage and seasonal restrictions on corresponding water rights needed to improve summer stream flows.	Humboldt	1	\$323,029
HB	148	Mill Creek Dam Fish Passage Project	Trout Unlimited, Inc.	To remediate the highest priority barrier for coho within the Russian River and to restore access to 11.2 mi. of high-quality habitat in the Mill Creek watershed by constructing a roughened channel and side channel to allow adult and juvenile passage.	Sonoma	3	\$513,339
PD	162	Strawberry Creek Wetland Coho Habitat Restoration Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	Characterize site and prepare conceptual through final designs to improve coho passage and rearing habitat on 1,400 feet of Strawberry Creek channel and 21 acres of pond and wetland with areas currently impacted by dense growth of invasive grasses.	Humboldt	1	\$103,251
PD	144	Gulch C Coho Salmon Barrier Removal Project Design	Trout Unlimited, Inc.	The project proposes to develop final sealed engineering drawings for replacement of two existing culverts and channel restoration on Gulch C, a tributary to the Noyo River, at the Skunk Train Railway and an adjacent timber road used by Soper-Wheeler.	Mendocino	1	\$91,665

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PD	206	Panther Creek Barrier Removal Design Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	The objective of this proposal is to develop 100% engineering designs that remediate a barrier to salmonid passage including coho salmon by removing an abandoned road crossing/gaging station near the mouth of Panther Creek.	Humboldt	1	\$61,703
HI	106	South Fork Salmon River Tributary Salmonid Habitat Enhancement Project	Salmon River Restoration Council	Construct 22 complex LWD structures using a combination of anchored & unanchored techniques to improve coho spawning & rearing habitat in the South Fork Salmon River Watershed. Restoration effectiveness monitoring will be incorporated into this project.	Siskiyou	1	\$327,705
HI	041	San Gregorio Creek Habitat Enhancement Project - Phase 2	San Mateo County Resource Conservation District	To enhance winter refuge, rearing & spawning habitat within the anadromous reach of mainstem San Gregorio Creek by placing large wood structures along 0.42 miles of stream. To implement phase 2 project for the RCD's Creek Habitat Enhancement Program.	San Mateo	3	\$160,382
HI	109	Felta Creek Stream Habitat Enhancement Project	Sonoma Resource Conservation District	This project will provide habitat complexity in Felta Creek to enhance cover, shelter, spawning and rearing conditions for coho salmon and steelhead along a 4,345 foot reach of Felta Creek through the installation of 31 pieces of LWM at 11 project sites.	Sonoma	3	\$66,796
FP	001	Fish Passage Improvement at Crossing 4, Quiota Creek	Cachuma Operation and Maintenance Board	Provide 3.27 miles of spawning and rearing habitat for southern steelhead ( <i>Oncorhynchus mykiss</i> ) by removing the passage migration barrier at Crossing 4 and replacing it with a 53 foot-span concrete bottomless-arch culvert (bridge).	Santa Barbara	5	\$938,294
HI	186	Rowdy Creek Instream Habitat Enhancement Project Reach IV	Rural Human Services	Improve salmonid habitat by placing 78 or more logs within 16 to 18 LWD instream structures along 1,135 feet of Rowdy Creek. Plant 500 native conifer species in project area to provide future LWD recruitment.	Del Norte	1	\$157,290
FP	006	Upper Green Valley Creek Fish Passage Implementation Project	Gold Ridge Resource Conservation District	The goal of the project is to restore fish passage and stabilize the grade through a 600-ft stream reach of upper Green Valley Creek, thereby ensuring passage for juvenile and adult coho to an additional 4,810 ft of spawning and rearing habitat.	Sonoma	3	\$914,835
HI	143	McKee Creek Instream Habitat Restoration	Sanctuary Forest	Restore instream habitat by improving pool complexity, shelter and drought resilience for summer and winter rearing of juvenile coho and steelhead in the McKee Creek tributary of the Mattole River Headwaters.	Humboldt	1	\$197,490
PD	027	2015 Horse Creek Wood Loading & Floodplain Relief Project, Design Phase	Mid Klamath Watershed Council	The goal of this project is to design a fisheries restoration plan for 1.5 miles of lower Horse Creek that will create year round rearing habitat and spawning gravel for listed coho salmon through wood structure installation and floodplain relief.	Siskiyou	1	\$85,566

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HR	196	Greater Eel River Arundo Eradication Phase III	Eel River Watershed Improvement Group	Eradicate Arundo donax from the Eel River drainage by: treating 6 new infestations, retreating older infestations, scout and arrange treatment of new features, revegetating with native species to treat erosion and return riparian function and health.	Humboldt, Mendocino	1	\$88,861
HB	090	James Creek Fish Barrier Modification Project	Mendocino Land Trust	This project will address a critical fish passage barrier influenced by man on the mainstem James Creek in the Big River watershed. By modifying and improving the bedrock cascade we will allow coho passage to ~3.4 miles of prime salmonid habitat.	Mendocino	1	\$870,178
HI	085	Lagunitas Creek Winter Habitat Enhancement Implementation – Phase II	Marin Municipal Water District	Improve winter habitat and refuge for coho, and increase the winter carrying capacity for salmonids in Lagunitas Creek, by constructing winter habitat enhancement work at five sites identified in recently completed (2013) assessment and design reports.	Marin	3	\$724,913
FP	136	Fish Passage Improvements at South Fortuna Boulevard	City of Fortuna	Improved fish passage within the lower reach of Strongs Creek, benefiting access to upstream habitat for all life stages of salmonids.	Humboldt	1	\$735,987
HI	174	Morrison Gulch Coho Habitat Improvement Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	Construct 11 log structures along a 0.5 mile stretch of Morrison Gulch with the intent of creating complex pool habitat and increased channel complexity within the project reach.	Humboldt	1	\$91,819
HU	209	East Fork Ryan Creek Sediment Reduction and Habitat Enhancement Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	To prevent approximately 8,161 cubic yards of sediment delivery and restore coho habitat through implementation of prioritized site-specific road decommissioning and erosion prevention work on 0.9 miles of degrading road just above prime coho habitat.	Humboldt	1	\$394,513
PD	038	Lower Uvas-Carnadero Creek Agricultural Ford Alternative Design Project	Trout Unlimited, Inc.	This project seeks to remedy an existing agricultural “wet ford” tractor and vehicle road crossing by developing a planning design for a free span bridge crossing Carnadero Creek.	Santa Clara	3	\$69,283
HR	076	Big Rock Creek Riparian and Coho Habitat Enhancement Project	Mendocino County Resource Conservation District	Promote natural recovery of the riparian & aquatic community along 1.25 miles of coho bearing Big Rock Creek by installing riparian fencing and alternative stock water for livestock, in addition to revegetating targeted areas along the riparian corridor.	Mendocino	1	\$114,532
HI	065	Restoring Winter Refuge Habitat for Coho Salmon - Ten Mile River	The Nature Conservancy	To increase winter survival and rearing capacity for coho salmon in the lower 1.7 miles of the South Fork Ten Mile River by constructing a single off-channel pond, a split-flow to maintain pond inlet accessibility and two engineered log jams.	Mendocino	1	\$1,501,011
HR	057	Baechtel Creek Riparian and Coho Habitat Enhancement Project	Mendocino County Resource Conservation District	Promote natural recovery of the riparian & aquatic community along 1/2 mile of Baechtel Ck by installing riparian fencing, water gaps, and native trees & shrubs. An alternate water system will be developed for livestock as a critical component of project.	Mendocino	1	\$49,548

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MD	179	Lagunitas Creek CMP Salmon Lifecycle Monitoring – Phase II	Marin Municipal Water District	CMP monitoring of coho salmon in the Lagunitas Creek watershed with three years of annual adult spawner and juvenile outmigrant (smolt) surveys; develop/finalize the CMP sample frame for the five coho streams between the Russian River and Golden Gate.	Marin, Sonoma	3	\$105,913
MD	016	Scott Creek Life Cycle Monitoring Station	Regents of the University of California	Continued operation of the life cycle monitoring station in Scott Creek (Santa Cruz County) in support of the Coastal Monitoring Plan. Extends existing time series on status and trends of coho salmon and steelhead at the southern edge of the CCC ESU/DPS.	Santa Cruz	3	\$741,508
MD	059	Big Basin and Coastal San Mateo County Salmonid Monitoring Program	Pacific States Marine Fisheries Commission	Produce estimates of adult populations and trends in Big Basin - San Mateo (BBSM) regional streams for CCC adult coho salmon, and steelhead. Produce estimates of juvenile coho salmon spatial distribution in BBSM streams.	San Mateo, Santa Cruz	3	\$564,702
MD	177	Southern California DIDSON and Spatial Distribution Monitoring	Pacific States Marine Fisheries Commission	Continued operation of Dual Frequency Identification Sonar (DIDSON) monitoring stations in three core 1 systems and the development of a fourth site to provide steelhead escapement estimates. Watershed-wide redd surveys will provide spatial distribution.	Santa Barbara, Ventura	5	\$508,931
MD	047	South Fork Eel River Adult Salmonid Abundance Monitoring Project	Pacific States Marine Fisheries Commission	To conduct spawning ground surveys on a spatially balanced, random sample of stream reaches within the South Fork Eel River watershed in order to estimate adult salmonid abundance for the 2016/2017, 2017/2018, and 2018/2019 spawning seasons.	Humboldt, Mendocino	1	\$257,113
MD	061	Monitoring Steelhead in Topanga Creek	RCD of the Santa Monica Mountains	Continue status and trend lifecycle monitoring to complement on-going snorkel and redd surveys and DIDSON camera monitoring in Topanga Creek.	Los Angeles	5	\$255,725
MD	113	Mattole River Juvenile Coho Salmon Summer Spatial Structure Monitoring	Mattole Salmon Group	Collect data on juvenile coho salmon occupancy and associated habitat by conducting presence/absence (distribution) surveys.	Humboldt, Mendocino	1	\$50,437
MD	107	Mattole River Adult Coho Salmon Abundance Monitoring	Mattole Salmon Group	Conduct redd and adult fish surveys in the Mattole watershed using CMP protocols. Provide data to CDFW sufficient to make coho population estimates, and assess trends in productivity.	Humboldt, Mendocino	1	\$72,533
PL	190	Upper North Indian Creek Watershed Coho Recovery Action Plan	Mattole Salmon Group	Develop and prioritize upslope road sediment sources along 50 mi of forest roads within the Upper Indian Creek watershed on Lost Coast Forestlands, LLC property. Create an upslope restoration action plan within the ownership for future sediment reduction.	Mendocino	1	\$102,605
PL	122	Delineation of Potential Winter Rearing Habitat Using LiDAR	Pepperwood Foundation	Identification of stream reaches with geomorphic/hydraulic characteristics of potential winter rearing and floodplain habitat will be accomplished in 4 Coho recovery core areas tributaries to the Russian River to facilitate in-stream habitat restoration.	Sonoma	3	\$152,913

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PL	100	Passage Assessment Database (PAD) 2016-2018	Pacific States Marine Fisheries Commission	Administer the PAD by adding new barrier data and updating existing barriers. Add new information to improve reporting capabilities. Improve the PAD for use in the Fish Passage Forum's Barrier Prioritization Model, a tool for optimal barrier removal.	Program Wide	all	\$223,833
PL	154	Salmon River Floodplain Restoration and Mine-Tailing Remediation Plan	Salmon River Restoration Council	Complete a comprehensive assessment and planning of floodplain restoration and enhancement to benefit salmonids rearing in the Salmon River, including conceptual restoration designs, facilitating implementation of site-specific restoration projects.	Siskiyou	1	\$128,230
AC	169	Watershed Stewards Program - Year 23	California Conservation Corps- Watershed Stewards Program	WSP will engage 54 Members throughout coastal California to enhance anadromous watersheds through restoration and protection, community education and outreach events, recruiting volunteers for hands-on projects, and professional natural resources training.	Program Wide	all	\$450,000
PL	167	Marshall Ranch Action Plan for Coho Recovery in the South Fork Eel River	Eel River Watershed Improvement Group	Conduct an erosion inventory and assessment of approximately 25 miles of County and ranch roads on the Marshall Ranch within Redwood, Somerville, Frost, and Little Sproul Creeks.	Humboldt	1	\$57,014
PL	203	Canon Creek Watershed Assessment and Erosion Prevention Planning Project	Pacific Coast Fish, Wildlife and Wetlands Restoration Association	Reduce impacts to and restore coho habitat through the development of a site specific and prioritized plan for hydrologic disconnection, erosion prevention and habitat restoration in the Canon Creek watershed.	Humboldt	1	\$186,741
PD	111	Cummings Creek Coho Salmon Barrier Removal Project	Trout Unlimited, Inc.	The proposed project will address fish passage and channel geomorphology at an identified, high priority alluvial deposit/sediment barrier on lower Cummings Creek. The project will result in a selected preferred alternative and conceptual design plan.	Humboldt	1	\$120,647
<b>TOTAL</b>							<b>\$13,490,435</b>

**Funded by SHRRC**

MD	224	Steelhead Population Monitoring For the Gualala River Watershed	Gualala River Watershed Council (GRWC)	The overall objective of this project is to develop watershed-wide wild steelhead population estimates for the Gualala River by monitoring redd surveys, carcass surveys and live adult surveys consistent with the methods of the Northern Section of the CMP.	Mendocino, Sonoma	1, 3	\$179,814
PD	254	Woodman Creek (Eel River) Railroad Crossing Barrier Removal Project - 100% Designs	CalTrout inc.	Complete designs to 100% for removal of NWP Railroad barrier at the mouth of Woodman Creek and restore the historic channelmouth configuration to allow unimpeded steelhead (and salmon) access to 10-14 miles of habitat in Woodman Creek watershed.	Mendocino	1	\$66,560

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FP	261	Pinole Creek Fish Passage Improvement Project	Contra Costa RCD	Provide adult anadromous steelhead successful access to upper Pinole Creek a minimum of four out of every five years that have sufficient flows during migration. Facilitate survival of steelhead smolts migrating downstream to San Pablo Bay. Prevent an increase in flooding risk on adjacent properties and Maintain a stable channel downstream of the culvert by minimizing scour and/or sedimentation.	Contra Costa	3	\$245,989
MD	266	Genetic Structure of Mad River Steelhead: Hatchery Genetic Monitoring and Evaluaiton of Summer Run Status	HSU Sponsored Programs Foundation	Evaluate genetic structure of Mad River Steelhead, including hatchery and wild, and winter and summer run. Evaluate influence of out-of-basin transplants and hatchery mating practices on genetic structure.	Humboldt, Trinity	1	\$106,202
<b>TOTAL</b>							<b>\$598,565</b>