

FRGP 2020 Projects Approved for Contingency Funding

| Funding Program | Proposal ID | Project Type | Title | Description | Applicant | County | Region | Funded Amount |
|-----------------|-------------|--------------|--|---|---|------------------|--------|----------------|
| FRGP | 1723369 | PD | Big River Salmonid Rearing Habitat and Large Wood Enhancement Project Designs. | The project objective is to design Engineered Log Jams (ELJs) in a 3-mile reach of Big River that, once implemented, will develop a complex channel bed with deep pools, physical shelter, promote diversity in flow velocity structure, and locally raise the water surface elevation to increase floodplain connectivity. As feasible, the proposed ELJs will be used to augment tributary off-channel habitat in two tributaries at their confluence with Big River. | Trout Unlimited, Inc. | Mendocino County | 1 | \$295,171.00 |
| FRGP | 1723371 | HI | Bear Creek Instream Habitat Enhancement Project | This project will install 189 key pieces of wood at 50 sites in 1.9 miles of steelhead recovery habitat in Bear Creek. This project will increase stream habitat complexity, pool frequency, pool depth, high-flow refugia, and over-summer rearing habitat for salmonids in an important tributary in the Usal Creek watershed. | Trout Unlimited, Inc. | Mendocino County | 1 | \$199,130.00 |
| FRGP | 1723401 | PD | Off-Channel Salmonid Habitat Design for Freshwater Creek: Phase Two | The project will result in a final design plan to create off-channel winter rearing habitat and refugia for juvenile salmonids in Freshwater Creek. The site will be assessed, and restoration design plans will be developed to construct a self-maintaining off-channel pond. | Redwood Community Action Agency | Humboldt County | 1 | \$145,474.00 |
| FRGP | 1723407 | HI | Lower Little River Off-Channel Coho Habitat Improvement Project | The objective of this project is to enhance connectivity to the floodplain by creating off-channel pond(s)/channel(s) which enhance winter high-flow refugia and rearing habitat for coho salmon in the lower Little River estuary. | Pacific Coast Fish, Wildlife and Wetlands Restoration Association | Humboldt County | 1 | \$1,565,759.00 |
| FRGP | 1723432 | PD | Seiad Creek at Panther Gulch: Coho Habitat Enhancement Design Project | The objective of this project is to create a 100% design for a 1/2-mile reach of Seiad Creek near Panther Gulch. The fisheries restoration design will consider instream structures, off-channel features, diversion improvement, and floodplain grading as treatment options. | Mid Klamath Watershed Council | Siskiyou County | 1 | \$328,962.00 |
| FRGP | 1723444 | PD | South Fork Usal Creek Instream Enhancement Design Project | This project will develop design plans for instream large wood features along 3.5 miles of SF Usal Creek. Based on past work in the watershed and recent field reconnaissance, this project will develop approximately 200 conceptual level designs for much of the project area. In the lowest 0.5 miles adjacent to the confluence with Mainstem Usal Creek, 100% engineered design plans will be produced at ~5 locations based on detailed site investigations and analysis. | Trout Unlimited, Inc. | Mendocino County | 1 | \$368,002.00 |
| FRGP | 1723484 | PD | Mill Creek & Palmer Creek Instream Habitat Design | This design development project will produce 100% design plans for a series of in-channel and off-channel habitat enhancement features along approximately 1.5 miles on Mill Creek, tributary in the lower Russian River. Designs will create backwater channel features that will improve floodplain habitat by providing connectivity between the incised channel and the floodplain and directly augment habitat in the mainstem channel with LWD installations increasing shelter and habitat complexity. | Coast Range Watershed Institute | Sonoma County | 3 | \$220,044.00 |

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| FRGP | 1723515 | PD | Chamberlain Creek Coho Passage Design Project | This project will address CDFW recovery priorities on Chamberlain Creek in the Big River watershed by designing a remedy for a fish passage barrier posed by a corrugated metal pipe that partially prevents adult, juvenile coho, and lamprey passage to 1.6 miles of suitable upstream habitat. The project will design a new stream crossing that will meet fish passage, hydraulic capacity, and debris load requirements. | Mendocino Land Trust | Mendocino County | 1 | \$118,966.00 |
| FRGP | 1723545 | HI | Bear Gulch Coho Stream Habitat Enhancement Project | This project will install 35 structures in over 3,315 feet of Bear Gulch to improve spawning habitat. These structures will consist of 87 pieces of wood, added to 25 existing pieces of wood, to meet the 'Very Good' target habitat rating for wood loading as outlined in the Southern Oregon/Northern California Coast Coho Salmon Recovery Plan (2014). | Mendocino Land Trust | Mendocino County | 1 | \$201,107.00 |
| FRGP | 1723425 | SC | Iron Horse Vineyards Fish Screen Implementation Project | The project will entail the installation of a fish screen (designed through an earlier FRGP-funded project) on a currently unscreened irrigation and frost protection water diversion at Iron Horse Vineyards, on the mainstem of Green Valley Creek. The existing diversion has a concrete intake structure located on the streambank. The project will reconfigure this structure and retrofit it with a self-cleaning traveling belt fish screen (see attached project plans). | Gold Ridge Resource Conservation District | Sonoma County | 3 | \$267,295.00 |
| FRGP | 1723367 | HB | Mid-Klamath Tributary Fish Passage Improvement Project | This project improves juvenile and adult salmonid fish passage to over 70 tributaries in the Middle Klamath, Salmon, and Lower Scott River subbasins through manual modification of fish barriers. The project includes habitat assessment, fish presence surveys, and the installation of brush bundles to enhance complexity of cold-water refugia sites. | Salmon River Restoration Council | Siskiyou County | 1 | \$98,217.00 |
| FRGP | 1723370 | HU | Bear Creek Sediment Reduction and Salmonid Recovery Project | This project will result in the permanent removal of 3.5 miles of streamside riparian road which represents almost 100% of the streamside road along Bear Creek. Crews will also lightly upgrade 1.53 miles of midslope truck road to provide the only access to the project area. The project will prevent 6,555 cubic yards of future anthropogenic sediment from entering a focal species stream. | Trout Unlimited, Inc. | Mendocino County | 1 | \$378,353.00 |
| FRGP | 1723442 | PD | Lower Jalama Creek Fish Passage Design | Jalama Creek watershed contains 14 miles of federally designated critical habitat for Southern California steelhead. Two barriers 1) JA-1 Dam and 2) JA-2 Bridge block passage to nearly all this critical habitat. The end goal is bid-ready construction plans for juvenile and adult steelhead passage at both barriers, immediately providing access to 12.3 miles of spawning and rearing habitat and paving the way for future passage projects that will restore access to 21 miles of upstream habitat. | The Nature Conservancy | Santa Barbara County | 5 | \$501,592.00 |
| FRGP | 1723377 | HI | Hallwood Side Channel and Floodplain Restoration Project - Phase 2 | The project will create and enhance 34 acres of juvenile salmonid rearing habitat on the Lower Yuba River, inundating for 3 weeks at least once every 3 years during the January to June rearing period under current and future water management operations. Project objectives will be achieved by removing 800,000 CY of sediment from 1,350 linear feet of middle training wall, and existing point bars; excavating 1.5 miles of seasonal tertiary channels; and planting up to 1 acre in this area. | Yuba County Water Agency | Yuba County | 2 | \$636,100.00 |

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| FRGP | 1723563 | HI | Iron Horse Vineyards Lower Green Valley Creek Off-Channel Habitat Enhancement Project - Phase 1 | The project includes three main elements:1) Off-channel habitat features to create areas of frequently inundated, low velocity refuge habitat during winter and spring flows2) Large wood structures to create and maintain instream habitat features that will provide complex cover, increase access to low-velocity habitat, and facilitate fish entry to off-channel features3) Driveway improvements to ensure fish passage to downstream connector channels and improve water quality impacts from the road | Gold Ridge Resource Conservation District | Sonoma County | 3 | \$1,854,686.00 |
| FRGP | 1723576 | HI | Garcia River Estuary Salmonid Habitat Enhancement Project - Phase 1 Implementation | The project objectives are to re-establish complex in-channel and off-channel habitat through the installation of: Ten engineered log jams and six large wood structures to provide extensive complex shelter. One deflection jam and one bar-apex jam to create and maintain a side channel around a mid-channel gravel bar and improve salmonid access to the floodplain. Two flooded wetlands with seasonal ponds to provide high flow refugia, winter rearing habitat, and rich feeding areas. | The Nature Conservancy | Mendocino County | 1 | \$2,231,210.00 |
| FRGP | 1723435 | PD | Coulborn and Sebbas Creeks Salmonid Habitat Assessment and Enhancement Planning and Design Project | This project will result in 100% design plans ready to implement along 6.2 miles of Class 1 stream in Coulborn and Sebbas Creeks. The end goal includes 100% designs for at least 190 constructed log jams. In 4 of the highest priority reaches, 35%, 65%, and 100% engineered design plans will be developed based on hydraulic, biologic, and geomorphic characterization using a project team and technical advisory committee. | Mattole Salmon Group | Mendocino County | 1 | \$508,196.00 |
| FRGP | 1723386 | PL | Sproul Creek Road Erosion and Fish Passage Barrier Assessment | Reduce impacts to and restore steelhead, coho and Chinook salmon habitat through the development of a site specific and prioritized plan for erosion prevention, erosion control, road-stream hydrologic disconnection and fish passage. The project will complete an assessment of road related sediment sources and fish barriers on approximately 132 miles of road in the Sproul Creek watershed for use in watershed restoration and sediment control project development. | Pacific Coast Fish, Wildlife and Wetlands Restoration Association | Humboldt County | 1 | \$525,311.00 |
| FRGP | 1723438 | PI | Santa Clara River Steelhead Coalition | The project will facilitate recovery efforts of local groups for endangered Southern California steelhead in the Santa Clara River watershed. Hold 8 quarterly SCRSC meetings. Submit 4 grant proposals to fund high priority projects. Implement 2 high priority projects. Coordinate and support efficient project implementation among partners. Conducting 8 outreach at public/ environmental events. Publish media across a range of platforms offering public information related to SCRSC projects | California Trout, Inc. | Los Angeles County | 5 | \$171,002.00 |
| FRGP | 1723394 | MO | Monitoring and Evaluation of Fisheries Habitat Restoration 2022 | Conduct independent, third-party effectiveness and validation monitoring of a randomized selection of FRGP habitat restoration projects in the North Coast Hydrologic Region to determine restoration effectiveness through qualitative and quantitative methods. The MESHR team will evaluate at least 10 percent of all FRGP implementation projects in a given year and provide analysis and reports summarizing the findings. | Pacific States Marine Fisheries Commission | Multiple | 1 | \$786,354.00 |