2020 Nonpoint Source Grant Program Fundable Project List

Region	FAAST PIN #	Project Title	Applicant	Project Description	Funding Amount	Match Amount	Total Project Amount
3	45235	Carpinteria Creek Sediment Reduction and Habitat Enhancement Project	Earth Island Institute - South Coast Habitat Restoration	This post fire recovery project in a high-quality watershed entails the implementation of four project components with final design activities to support those respective components. The projects are centered on providing habitat for Southern Steelhead Trout (SCS), reducing sediment loading within the creek channel and public safety/resilience via the development of structural infrastructure reinforcements and management activities. The purpose of this project is to implement the high priority, site specific, projects identified in a State Water Resources Control Board funded the plan. The plan identifies site specific projects that would enhance habitat in addition to abate load reduction of sediment, a parameter of concern to maintain high water quality in Carpinteria Creek.	798,653	-0-	798,653
1	45104	Tenmile Creek Streambank Erosion Prevention and Riparian Restoration Project	Eel River Recovery Project	The Eel River Recovery Project is currently involved in a conservation and restoration pilot project in the Tenmile Creek basin funded by the State Coastal Conservancy (Prop 1), which has identified riparian restoration opportunities as one of its objectives. The four major bank erosion sites proposed for treatment were chosen based on the amount of sediment pollution prevented and for their value as habitat for ESA-listed steelhead and Chinook and coho salmon. These bioengineering projects will use large quantities of living willow and strategic amounts of large rock. Willow roots anchor the rock so structures can withstand flood flows and are climate change resilient. The structures will create pool scour and may foster stratification where cold water lenses develop at depth and create refugia for rearing steelhead juveniles. Willows trap sediment, dampen flood energy, create cover over pools and increase shade that helps incrementally lower water temperature.	473,500	4,320	477,820
1	45172	Hart Ranch Stock Watering and Riparian Fence Project	California Trout, Inc.	The purpose of this project is to address dissolved oxygen and elevated temperature issues in the Little Shasta River by reconnecting cold-water springs, installing a new off-stream stock watering system, upgrading water management infrastructure, and installing fencing to facilitate rotational grazing and cattle exclusion from the stream to enhance success rates of riparian vegetation. These improvements will result in up to 1.5 cfs of cold water permanently dedicated instream in the Little Shasta River. This 1.5 cfs dedication will be achieved through a combination of on-farm water efficiency savings (0.5 cfs), and voluntary flow contributions (1 cfs) from existing priority water rights. This project will enhance year-round flows in the Little Shasta River starting at the Hart Diversion Structure and will directly address priority water quality pollutants.	674,129	238,112	912,241
2	45198	Post-Fire Recovery and Sediment Reduction in Mark West Creek	Sonoma Resource Conservation District	The project will control and minimize sediment delivery into Mark West Creek, a coho-bearing stream by re-constructing a retaining wall along an access road shared by 26 landowners that is threatening to fail. The original retaining wall was destroyed in the 2017 Tubbs Fire and soil movement on the 30' high bank has led to pavement cracking and instability, threatening the whole bank to fall into the floodplain. The area of instability is approximately 60' feet wide and has formed 1-foot deep tension cracks, along the steep slope. Mark West Creek, a subwatershed of the Russian River hydrologic area, is 303(d) listed as impaired for sediment, which limits numerous beneficial uses, most notably habitat for endangered coho salmon. This project will prevent additional sediment from entering the waterway and exacerbating the existing impairment.	331,377	60,000	391,377
6	45207	Euer Valley Restoration Project (Phase 1)	Truckee River Watershed Council	The Euer Valley Restoration Project (Phase 1) is a montane meadow floodplain restoration project that will reduce the sedimentation of the South Fork of Prosser Creek, a tributary of the Middle Truckee River. The project will improve water quality and implement the Truckee River TMDL for suspended sediment concentration. The TMDL identifies Prosser Creek as one the largest contributors of sediment and prioritizes restoration of legacy sites, wetlands, meadows, and streambanks as important sediment control measures. The site was historically used for grazing and timber harvest which resulted in degradation of streambanks and incision. Modern recreational use in the area has exacerbated the degradation. The project is a restoration planning and implementation effort that will restore function to 10 acres of floodplain, stabilize 2,400 feet of streambanks, and stabilize 1,200 feet of eroding trail. It will result in annual sediment load reductions of 0.61 tons/year to the Truckee River	589,835	349,600	939,435
2	45230	Napa River Restoration: Oakville to Oak Knoll, Group D, Phase 2	Napa County Department of Public Works	The OVOK Project (Project) is a multi-phase restoration Project which includes 23 distinct restoration sites within four construction groups (A-D). This grant, coupled with secured Napa County Measure A funding, will fund the seventh and final year of construction implementation in 2021, Group D, Phase 2. At a minimum, outputs for Group D, Phase 2 will include 2,000 linear feet of channel enhancements, creation of 3 floodplain benches, installation of 1,100 linear feet of biotechnical streambank elements, installation of 22 instream habitat structures, installation of 6 boulder clusters (including 1 boulder field), 2 acres of native revegetation and 3 acres of invasive plant management. These enhancements will improve hydraulic conditions (reduction in shear stress and velocities) and enhance aquatic habitat by establishing the physical conditions necessary to promote the formation of riffle and pool features.	800,000	285,000	1,085,000
2	45070	Conserving Our Watersheds: Collaborative Conservation Actions by Farmers	Marin Resource Conservation District (MRCD)	This proposal, Conserving Our Watersheds: Collaborative Conservation Actions by Farmers will implement a minimum of 5 significant and high-priority management practices to reduce potential NPS pollutants from ranches and confined animal facilities (CAFs, dairies and horse boarding facilities) in the Tomales Bay (TBW) and Stemple Creek-Estero de San Antonio (ESAW) watersheds. These adjacent watersheds are predominantly home to small family farm agriculture. MRCD is proposing to continue providing technical and financial assistance to address the TBW Pathogen TMDL-as the district has for decades-and to replicate this successful effort in the ESAW to help attain its Sediment & Nutrients TMDL. This is a complete implementation program; MPs will be selected and designed by a TAC to identify the highest priorities to be implemented.	722,385	249,840	972,225
Total Recommended for Funding					**4,389,879**	**1,186,872**	**5,576,751**