

SAN MATEO COUNTY

| County | Department | Watershed | Type of Project | Description of Project | Benefits | County Match | DFG Fisheries Grant | Coastal Conservancy | Prop12, 13 FHWA | Other Partner | Project Total |
|-----------|----------------------|---------------------------|------------------------------|--|--|--------------|---------------------|---------------------|-----------------|--------------------------|---------------|
| San Mateo | Parks | Pescadero-Butano | Roads Assessment | Assessments of 73 road miles in Coastal Parks complex. (PWA) | 73 road miles assessed | | \$52,000 | | | | \$52,000 |
| San Mateo | Public Works | Pescadero-Butano | Road restoration | Implement Phase I- Sediment Reduciton on 5.7 miles of Old Haul Rd. with 56 rolling dips installed (per PWA recs) | Reduce future delivery into Pescadero Ck. By 22,500 cubic yds. | \$105,750 | \$343,750 | | | | \$449,500 |
| San Mateo | Parks | Pescadero-Butano | Road restoration | Implement Phase II- Sediment Reduciton on 2.9 miles of Old Haul Rd. with 45 sites (per PWA recs) | Reduce future delivery into Pescadero Ck. By 14,300 cubic yds. | | \$179,600 | | | | \$179,600 |
| San Mateo | Public Works | Gazos Creek | Road restoration | 2 miles of outsloped roadway; 30 rolling dips | 2 miles of road outsloped, 30 rolling dips installed | \$100,073 | \$105,292 | | | | \$205,365 |
| San Mateo | Public Works | Coastal streams | Sediment Assessment | Inventoried 400+ culverts for erosion and sedimentation | 400 culverts inventoried | \$40,000 | | | | | \$40,000 |
| San Mateo | Environmental Health | Coastal streams | Septic Assessment | Inventory and map septic systems in coast and some bayside areas. | | | | \$250,000 | | | \$250,000 |
| San Mateo | Parks | Coast and Bayside streams | Maintenance Yard Improvement | Washdown racks for six maintenance yards | Six washdown racks installed | | | | | Prop 13- \$340,000 SWRCB | \$340,000 |
| San Mateo | Public Works | Coast and Bayside streams | Fish Passage Assessment | Inventoried, rated and ranked all anadromous stream crossings in county | 120 of crossings assessed, ranked and prioritized | \$18,300 | \$45,190 | | | | \$63,490 |
| San Mateo | Parks | Pescadero | Fish Passage Improvement | Design and engineering for barrier removal project in Sequoia Flat- Memorial Park | | \$50,000 | | | | | \$50,000 |
| San Mateo | Public Works | San Gregorio | Fish Passage Improvement | Retrofit of culvert at Clear Creek | | \$100,000 | | | | | \$100,000 |

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| San Mateo | Public Works | Alpine Creek; San Gregorio | Fish Passage Improvement | Design for fish passage on Roger's Gulch, trib to Alpine Creek. | \$35,000 | | \$35,000 |
| San Mateo | Public Works | San Gregorio | Fish Passage Improvement | Replace failing weirs on existing fish ladder on Alpine Ck.at Pescadero Rd. to eliminate velocity barrier | \$1,300 | \$73,750 | \$75,050 |
| San Mateo | Parks | Pescadero | Fish Passage Improvement | Fish migration barrier removal study of flashboard swim dam in Memorial Park | \$50,000 | | \$50,000 |
| San Mateo | Parks with San Pedro Creek Watershed Coalition | San Pedro Creek | Fish Passage Improvement | Replacement of concrete culvert with clear span bridge | \$15,000 | | \$15,000 |
| San Mateo | Parks | County | Mapping of Salmonid Streams | Map produced of salmonid presence countywide | | Countywide salmonid presence-absence map | \$5,000 |

MARIN COUNTY

| County | Department | | Type of Project | Description of Project | Benefits | County Match | DFG Fisheries Grant | Coastal Conservancy | Prop12, 13 FHWA | Other Partner | Project Total |
|--------|-----------------------------|-----------------------------|--|--|---|--------------|---------------------|---------------------|-----------------|--|---------------|
| Marin | Public Works | Coast and Bayside streams | Fish Passage Assessment | Inventoried, rated and ranked all anadromous stream crossings in county | | \$5,000 | | \$76,980 | | | \$81,980 |
| Marin | Public Works | Woodacre Creek-San Geronimo | Fish Passage and Channel Restoration | Removal of fish barrier daylighting and restoration of 300 linear ft. of stream channel at Woodacre Club | 1700' of habitat opened up above barrier | \$15,000 | | \$36,000 | \$352,000 | Prop 12-\$272k; NOAA-\$55k; MMWD-\$25k | \$403,000 |
| Marin | Public Works | San Geronimo | Fish Passage and channel restoration | Restoration of fish passage through box culvert at San Geronimo Dr.- Bates Canyon Creek | .8 miles of salmonid habitat opened | \$30,000 | \$123,000 | | | | \$153,000 |
| Marin | County Parks and Recreation | Pacheco Ck. | Stream Channel restoration | Remove concrete channel and restore 1800+ ft. of stream habitat. | 1800 ft. of stream channle restored | | | | \$1,000,000 | DWR-\$600k,Prop 12 \$400k | \$1,000,000 |
| Marin | Public Works | Lagunitas Creek | Sediment reduction,fish passage, GIS, maintenance training | 15-30 Erosion projects on roads, GIS, one culvert replacement for fish passage, sediment budget, maintenance training. | | \$22,000 | | | \$618,000 | SWRCB Prop13-\$550k MMWD-\$68k | \$640,000 |
| Marin | Planning | Tomales Bay | Watershed Assessment | County co-funded assessment conducted by Tomales Bay Watershed Council | Watershed Assessment complete | \$50,000 | | \$200,000 | | | \$250,000 |
| Marin | Planning | Tomales Bay | | County continues to provide funding for Tomales Bay Watershed Council | | \$20,000 | | | | | \$20,000 |
| Marin | Public Works | County | Mapping of salmonid streams | Map produced based on DFG and local expert opinion on presence of salmonid species countywide | Countywide presence absence map completed | \$7,000 | | | | | \$7,000 |

SONOMA COUNTY

| County | Department | Watershed | Type of Project | Description of Project | Benefits | County Match | DFG Fisheries Grant | Coastal Conservancy | Prop12, 13 FHWA | Other Partner | Project Total |
|--------|------------------------|--|---------------------------------------|---|---|--------------|---------------------|---------------------|-----------------|---------------|---------------|
| Sonoma | DFG lead for TPW | County | Fish Passage Assessment | Inventoried, rated and ranked x# of county culverts (Taylor) | | | \$96,174 | | | | \$96,174 |
| Sonoma | TPW | Ashbury Creek, tributary to Sonoma Creek | Fish Passage | TPW partnered with Sonoma Ecology Center to install baffles to provide fish passage | | \$2,500 | | | | | \$2,500 |
| Sonoma | TPW | Adobe Creek | Fish Passage | TPWD Partnered with local High School to install baffles in box culvert | | \$2,500 | | | | | \$2,500 |
| Sonoma | TPW | Adobe Creek | Fish Passage | TPWD partnered with Sonoma Ecology Center to restore streambank | | \$44,000 | | | | | \$44,000 |
| Sonoma | DFG for TPW | Austin Creek | Sediment reduction | Assessment of Old Cazadero Road sediment problems (PWA) | | \$10,000 | | | | | \$10,000 |
| Sonoma | TPW | Austin Creek | Sediment reduction | Implement erosion control remedies on Old Cazadero Rd. PWA Inventory | 1 mile of road will be treated, #of sites treated, #of rolling dips etc.. | \$71,250 | \$124,082 | | | | \$195,332 |
| Sonoma | TPW | Porter Creek | Fish Passage | Replacement of two pipe culverts with 50' clear span bridge | | \$117,000 | \$253,000 | | | | \$370,000 |
| Sonoma | Goldridge RCD with TPW | Tyrone Gulch, trib to Dutcbill Ck. | Fish Passage | | | \$125,000 | \$145,000 | | | | \$270,000 |
| Sonoma | Water Agency | Russian River | Fish Passage | Construct Ice Harbor fishway over foundation of Healdsburg Dam | | \$1,650,000 | \$450,000 | | | | \$2,100,000 |
| Sonoma | Water Agency | Russian River | Fish passage and riparian restoration | Provide passage over Mumford Dam and restore adjacent banks | | \$661,000 | \$340,000 | \$150,000 | \$49,000 | NOAA | \$1,200,000 |

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| Sonoma | Water Agency | Crocker Cr., tributary to Russian River | Fish Passage and Riparian Restoration | Remove Crocker Dam and restore adjacent banks | | \$305,000 | \$172,000 | | \$477,000 |
| Sonoma | TPW | County | Sediment Reduction | Conduct engineering and envir. studies for various stockpile sites for county road maintenance | | | | Coastal Impact Assistance Fund | \$49,295 |
| Sonoma | TPW | Willow Creek | Sediment Reduction | Improve roadway culverts to enhance fish passage and sediment reduction | 48" culvert repaired for sediment reduction and fish passage | | | Coastal Impact Assistance Fund | \$68,415 |
| Sonoma | TPW | Willow Creek | Sediment Reduction | Implement Phase I erosion control remedies on Willow Ck. Rd. per "Willow Creek Watershed Evaluation, Road Inventory" | | \$40,497 | \$98,859 | | \$139,356 |
| Sonoma | TPW | County | Sediment rReduction | Roads assessment in coho watersheds in Russian Basin (PWA training county staff) | | \$31,636 | \$145,795 | | \$177,431 |
| Sonoma | Planning and Public Works | County | Fisheries projects development | County hired grant writer to develop proposals for fisheries restoration projects. | | | | | |

MONTEREY COUNTY

| County | Department | Watershed | Type of Project | Description of Project | Benefits | County Match | DFG Fisheries Grant | Coastal Conservancy | Prop12, 13 FHWA | Other Partner | Project Total |
|----------|---|---|---------------------|--|----------|--------------|---------------------|---------------------|------------------|---------------|---------------|
| Monterey | DPW | Old Coast Road Watershed- drainage or stream? | Sediment Assessment | Road Assessment on Old Coast Road | | | | | | | \$0 |
| Monterey | Garrapata Watershed Council with County DPW | Garrapata Creek | Sediment Assessment | Road assessment of sediment producing sites on County Rd and private drives (PWA) | | | | | | | \$0 |
| Monterey | Garrapata Watershed Council with County DPW | Garrapata Creek | Sediment Reduction | Implement erosion control remedies per PWA recs on Garrapata Road | | | \$213,011 | | | | \$213,011 |
| Monterey | DPW | Arroyo Seco | Fish Passage | Design alternatives developed for replacement of low water crossing at Thorne Rd. with bridge | | | \$108,000 | | | | \$108,000 |
| | DPW | Arroyo Seco | Fish Passage | Received funding for bridge replacement on Arroyo Seco. Applying for remaining funds with DFG. | | | | | \$5,912,356 FHWA | | \$5,912,356 |

SANTA CRUZ COUNTY

| County | Department | Watershed | Type of Project | Description of Project | Benefits | County Match | DFG Fisheries Grant | Coastal Conservancy | Prop12, 13 FHWA | Other Partner | Project Total |
|------------|------------------------|------------------------------------|---|--|--|--------------|---------------------|---------------------|-----------------|---------------------------------------|---------------|
| Santa Cruz | Environmental Health | San Lorenzo River and Soquel Creek | Fisheries monitoring and research | Monitoring of juvenile steelhead populations in San Lorenzo River (1996-2001, 2003) and Soquel Creek (2002-2003) | 7 years of fisheries data in San Lorenzo and Soquel Creek | \$20,000 | | | \$25,000 | Soquel and San Lorenzo Water District | \$45,000 |
| Santa Cruz | Environmental Health | San Lorenzo River | Watershed Assessment | Development of the San Lorenzo River Salmonid Enhancement Action Plan | | | \$35,000 | \$115,000 | | | \$150,000 |
| Santa Cruz | Public Works | San Lorenzo River | Road Assessment | San Lorenzo River Public Works Phase I Road Assessment | 40 miles of road assessed 447 sites identified. | \$7,484 | \$51,008 | | | | \$58,492 |
| Santa Cruz | Public Works | San Lorenzo River | Road Assessment | San Lorenzo River Public Works Phase II Road Assessment | 121 miles of road will be assessed | \$43,324 | \$121,084 | | | | \$166,533 |
| Santa Cruz | Planning | County | Outreach and Education | Stream Care Guide developed and published, to be distributed to residents living on creeks in riparian areas; | | \$12,891 | \$37,530 | | | | \$37,530 |
| Santa Cruz | Public Works /Planning | County | Fish Passage Assessment, Design of 3 projects | Inventoried, evaluated and ranked 80 county culverts (Ross Taylor and Associates) | 80 crossings assessed, ranked and prioritized | \$18,825 | \$91,766 | | | | \$110,591 |
| Santa Cruz | Public Works /Planning | Brown's Creek; Corralitos | Fish Passage Design | Designed 3 fish passage projects | Three fish passage projects ready to be implemented | \$1,000 | \$10,000 | | | | \$11,000 |
| Santa Cruz | Public Works | Zayante Creek, San Lorenzo River | Bio-engineered Streambank Stabilization | Bio-engineered project built as part of education for public works crews. Creation of training video. | 150' ft of streambank and channel restored; training video created | \$55,425 | \$21,350 | | | | \$76,775 |

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| Santa Cruz | Planning | County | Training | Two day training on bio-engineered streambank stabilization | 40 Public Works crew trained | | | | | \$0 |
| Santa Cruz | Planning | County | Mapping of salmonid streams | Extent of distribution map of steelhead and coho salmon based on best available data from CDFG stream surveys and local fishery biologists. | Countywide presence/absence map of coho and steelhead | \$23,000 | | \$1,200 | | \$24,200 |
| Santa Cruz | County Planning and Public Works in partnership with RCD, City of Santa Cruz and local NGOs | Scott, San Lorenzo, Arana, Soquel and Aptos watersheds | Fish Passage, Sediment Reduction, Riparian Protection and Stream Restoration | IWRP- Integrated Watershed Restoration Program. Comprehensive Implementation of multiple Watershed Assessment Plans | | \$200,000 | | \$4,500,000 | | \$4,700,000 |
| Santa Cruz | Public Works | Scotts | Fish Passage | Replaced perched culvert with arch culvert on Quesaria Creek | | \$102,000 | | \$25,000 | | \$127,000 |
| Santa Cruz | Public Works | Liddell | Fish Passage | Replaced perched, undersized culvert with larger culvert | | | | | | |
| Santa Cruz | Planning | Soquel Creek | Watershed Assessment | Development of the Soquel Creek Watershed Enhancement Plan | | \$150,000 | | \$100,000 | | \$250,000 |
| Santa Cruz | Planning and Public Works | County | Fisheries projects development | County hired grant writer to develop proposals for fisheries restoration projects. | | | | | | |
| TOTAL PROJECT SUPPORT | | | | | | \$4,200,864 | \$3,586,241 | \$5,427,980 | \$8,440,266 | \$21,657,476 |