2010 FRGP Proposal Application Form

For DFG use only	
Proposal No.	Region

☐ BDS ☐ SRC ☐ SS

Section 1: Summary Information

1. Project type:	**PL—Watershed Planning**
2. Project title:	Big Sur River Watershed Assessment and Restoration Plan
3. Applicant name:	Resource Conservation District of Monterey County
4. Person authorized to sign grant agreement:	Paul Robins, Executive Director
5. Contact person:	Paul Robins
6. Mailing Address: **Check if changed from previous applications** ☐	744-A LaGuardia Street
7. City, State, Zip:	Salinas, CA 93905
8. Telephone #: **Check if changed from previous applications** ☐	(831) 424-1036, ext. 124
9. Fax #:	(831) 424-7289
10. Email address:	Paul.robins@rcdmonterey.org
11. Type:	Public Agency ☒ Nonprofit Organization ☐ Indian Tribe ☐
12. Certified nonprofit organization:	Yes ☐ No ☒ Nonprofit Organization Number: _____
13. New grantee:	Yes ☒ No ☐
14. Licensed Professional	Yes ☐ No ☒ If Yes provide: Name _____, License number _____, Affiliation _____, Contact information (phone/e-mail) _____.
15. Amount requested:	$210,833
16. Total project cost:	$326,612
17. Salmonid species benefited:	**Coho** ☐ **Steelhead** ☒ (Cutthroat ☐ Chinook ☐)
18. Project objectives:	Create a community-based watershed assessment & restoration plan to address limiting factors to steelhead in the Big Sur River watershed through watershed group coordination, information gathering, resource assessments and technical review and planning.
19. Task number or reference:	CC-10--Watershed Planning (Develop a watershed assessment and restoration plan for Central Coast Streams)

20. Time frame:	28 Months, estimated to be July 2011 until October 2013 (depending on contract approval date)
21. Stream:	Big Sur River; portions of BSR tributaries Post Creek and Juan Higuera Creek also host steelhead
22. Tributary to:	Pacific Ocean
23. Watershed System:	Big Sur River-HUC12 (Map 13 in PSN), USGS HU 1806006
24. County(ies):	Monterey
25. Coastal Zone:	Yes ☒ No ☐
26. Trinity River Basin:	Yes ☐ No ☒

Section 2: Location Information

1. Township, Range, Section (T/R/S): and the 7.5 USGS Quad map name.	NW corner to SE corner: T19S/R1E/S1-T20S/R3E/S14; 7.5' USGS Quads: Big Sur, Pfeiffer Point, Ventana Cones, Partington Ridge, Tassajara Hot Springs, and Chews Ridge
2. Latitude, Longitude (in decimal degrees, Geographic, NAD83):	NW corner is 36.2971 N, 121.8625 W (NAD83) SE corner is 36.3444 N, 121.6333 W (NAD83)
3. Location description:	The Big Sur River watershed is located in Coastal Monterey County; it is in the Big Sur Local Coastal Plan area, running northwest from the central peaks of the Santa Lucia Mountains to the Pacific Ocean just south of Point Sur.
4. Directions:	25 miles south of Carmel, CA on Highway 1

Section 3: Watershed Information:

All questions in this Section refer to the watershed named in Number 1 below.

1. Watershed name:	**Big Sur River**
2. Watershed area:	58.5 square miles
3. Watershed area directly affected by the proposed project:	100%
4. Land use statement:	The watershed is predominantly public land owned by U.S. Forest Service (USFS) and CA Dept of Parks and Recreation (Parks), with several private campgrounds, resorts, shops and small residences. Over 3 million visitors visit the watershed annually. Use of the watershed is primarily wilderness and recreation along with a small amount of forestry and livestock, all of which will remain as such for the foreseeable future.
5. Watershed ownership:	9% Private:18 % State:73 % Federal
6. Length of anadromous streams in watershed:	8.5 miles
7. Watershed Plan(s):	None. No comprehensive watershed plan exists for the Big Sur River watershed. However, CA Parks Department commissioned

	a **Steelhead Enchancement Plan** for their property in the watershed in 2003. Monterey County wrote the **Big Sur River Protected Waterway Management Plan** in 1986. The USFS wrote the **Comprehensive River Management Plan Big Sur River , 2003** for the portion of the watershed owned by them that is in the Ventana Wildnerness and relates to the Wild and Scenic River designation for the river on USFS property. None of these plans included significant private landowner participation or buy-in; nor did any of the plans take a comprehensive look at the entire watershed as it relates to the survival of steelhead. The proposed Plan will be that which future projects will refer to under this item in future PSNs.
8. Background information	The Big Sur River watershed has been identified by NOAA Fisheries and DFG as an extremely important watershed for survival of the South-Central California DPS. The watershed is primarily comprised of public ownership. The largest landowner is the USFS. Parks owns two separate parks in this watershed: Andrew Molera and Pfeifer Big Sur State Parks. A significant amount of the USFS land is designated as wilderness. The portion of the Big Sur River on USFS land has been designated a Wild and Scenic River. Private ownership land use is primarily related to visitor-serving businesses such as private campgrounds, small resorts, shops and restaurants; there are also some private residences. DFG has indicated through the focus matrix for this PSN that an overall watershed plan is needed before any implementation project is considered. This project is intended to take a comphrehensive look at the watershed, identify any limiting factors to sleelhead survival and develop a suite of management practices and restoration projects that will address these factors. In 2008, 84% of the watershed was burned in the Basin Complex Fire. Impacts of the fire and how the fire altered the watershed have not been studied comprehensively.

Section 4: Project Objectives

1. **List task information:**

   This project addresses Central Coast Steelhead Recovery Task CC-10--Watershed Planning (Develop a watershed assessment and restoration plan for Central Coast Streams) as listed in the updated steelhead trout management task database for the *Steelhead Restoration and Management Plan for California* (1996); it is a high (5) priority task. This project directly addresses that task by developing a comprehensive watershed assessment and restoration plan for the Big Sur River watershed. No such comprehensive plan currently exists. It should be noted that this project also addresses several other recovery tasks listed in the steelhead database.

2. **Need for the project:** The Big Sur River watershed supports numerous state and federally listed species including the South-Central California Steelhead DPS, the California red-legged frog, California condor and numerous state listed plants and animals. The Big Sur River is the largest coastal stream south of the Carmel River in Monterey County. The Big Sur River watershed and the Big Sur area attracts over three million tourists every year because of its natural beauty. Tourism as a result is a very important economic engine in the watershed, as well as along the Big Sur coast and coastal Monterey County. Impacts from its many visitors, past land management practices and the 2008 Basin Complex Fire, which burned over 84% of the watershed, have degraded its environmental quality. Although no water body in the watershed is currently listed as impaired, increasing use by visitors has led both federal and state agencies to recognize the need for an overall management plan to protect the watershed's unique resources. An overall watershed assessment, focusing on the steelhead needs to be developed for the entire watershed. None of the major restoration projects, which were identified in the 2003 Steelhead Enhancement Plan (for Parks property), have yet been implemented. In addition, all major reports and plans created up to this point did not involve the private landowners, business interests or water companies, who are drawing water from streams and springs in this watershed. The community is extremely active in ensuring the community's voice is heard. This project will deliver a plan, which is not only greatly aided by local knowledge going back many decades, but also has critical local buy-in. The entire watershed will be assessed but due to its size not all of the watershed needs to be visited in order to get a comprehensive picture of current conditions. A very large percentage of land (>90%) is owned by public agencies, ensuring that access will not be a hindrance to a comprehensive assessment; as a result no private landowners have been asked to sign a Provisional Landowner Access Agreement at this time.

3. Limiting factors to salmonids remediated by proposed project:	☒	Water quantity	(lack of flow, diversions, runoff)
	☒	Water quality	(temperature, chemistry, turbidity)
	☒	Riparian dysfunction	(lack of shade, excessive nutrients, roughness, elements)
	☐	Excessive sediment yield	(pool and gravel quality)
	☐	Spawning requirements	(gravel, resting areas-pools)
	☐	Rearing requirements	(velocity, lack of shelter, pools)
	☐	Estuary / lagoon issues	(closure during migration periods)
	☒	Fish passage	(emigration and immigration)

4. **Limiting factor remediation:** The steps required to develop the proposed Watershed Assessment and Restoration Plan include an overall assessment of limiting factors, which we currently lack for the Big Sur River watershed. Water quantity and quality, riparian dysfunction,

and fish passage are a preliminary listing of the most obvious possible limiting factors, for which we have incorporated specific assessment tasks in the proposed plan development process: a hydrologic and geomorphic assessment, a noxious weeds inventory, and a lagoon assessment (which may determine that the lagoon is also a limiting factor). We have accommodation for additional assessment work for additional limiting factors as information gaps are identified in the initial Watershed Resource Information Inventory (WRII). Accordingly, we will incorporate the identified limiting factors and resource concerns into the development of Plan goals and objectives and associated recommended actions for addressing them.

Section 5: Project Description

1. ***Detailed project description including all tasks to be performed:***

   The RCD of Monterey County (RCDMC) and partner Garrapata Creek Watershed Council (GCWC) will coordinate meetings of a community-based watershed group and affiliated subcommittees to work together to develop a watershed plan that is in accordance with the *California Salmonid Stream Habitat Restoration Manual*, Third Edition or later. Since no watershed group currently operates in this watershed, the first task will be to set up a steering committee to direct the watershed planning effort. This committee will be comprised of private landowners and representatives of the US Forest Service (USFS) and California Department of Park and Recreation (Parks). The USFS and Parks together own approximately 90% of the entire watershed. The private landowners are being contacted for their participation as this proposal is being submitted. Three significant landowners have already stated their interest in participating on a steering committee. RCDMC will also coordinate a Technical Advisory Committee to provide guidance for technical aspects of the project and plan development. Community meetings will produce a list of watershed issues and concerns and a corresponding set of goals and objectives based on the outcomes of a watershed resource information inventory and sub-contracted resource assessments (for new information). Several detailed studies are underway by DFG as this proposal is being written. An on-going effort to monitor the impacts of the Basin Complex Fire has resulted in Level 4 Habitat typing and fisheries studies. Additionally, an Instream Flow Incremental Methodology (IFIM) study is being conducted by DFG. The plan will leverage off of this work and other studies, which have reduced the need for costly new studies which would otherwise be needed to describe the watershed's existing conditions.

Task 1: Form watershed group and conduct regular Steering Committee, Public and Technical Advisory Committee (TAC) Meetings. Facilitate a series of meetings to formally create a watershed group and provide facilitation and support for regular meetings throughout entire planning process.

Deliverables: 1.0, Meeting minutes

Task 2: Develop a list of watershed Issues and Concerns. Compile a list of watershed issues and concerns gathered from agency staff, residents, landowners and other stakeholders through multiple community meetings. This list will be used to focus the plan on the most critical issues. Specifically it will inform the next step in the planning process which is the development of a series of Goals and Objectives (Task 5) of the Plan.

Deliverable: 2.0, A comprehensive list of Watershed Issues and Concerns within 6 months of the award of a DFG grant.

Task 3: Conduct Watershed Resource Information Inventory (WRII). Gather and compile a list of available studies and reports that have already been written, which document watershed conditions. . The WRII will clearly identify and summarize applicable existing reports that describe watershed conditions and include them in a plan appendix. These documents will be used by the group to understand watershed needs and issues. There will not be a need for a great deal of additional data collection for this plan except where listed in Task 4. A comprehensive habitat typing of anadromous reaches of the Big Sur River has already been accomplished by DFG staff. There have been numerous scientific studies over the years; these include several reports on recent habitat typing and fisheries studies performed by DFG and NOAA Fisheries. In addition there are many studies on past fires including a very comprehensive report on impacts of the 2008 Basin Complex Fire.

Deliverable: 3.0, A WRII will be compiled and delivered to DFG 12 months after the start of the contract.

Task 4: Resource Assessments: Gather additional data to cover data gaps identified in WRII including: a. A limited hydrologic and geomorphologic study of the watershed to complement existing reports performed by USGS and several academic researchers, b. An assessment of lagoon function, and c. A focused noxious weed inventory concentrating on the riparian corridor, and a more general evaluation of invasives throughout the entire watershed. This task also includes a provision to conduct limited contingency studies to address possible significant

data gaps discovered during the development of the WRII with guidance from the project Technical Advisory and Steering Committees.

Deliverables: 4.1, Report on hydrology, geology and geomorphology of anadromous reaches of the Big Sur River; 4.2, Big Sur River Lagoon assessment; 4.3, Riparian weeds inventory; and 4.4, Contingency assessment. These reports will be delivered to DFG approximately 18 months after the start of the contract

Task 5: Develop watershed Goals and Objectives. Present WRII and new watershed assessment information in a series of Community and Steering Committee meetings in order to inform and develop a set of plan Goals and Objectives which will further refine the focus of the plan.

Deliverable: 5.0, Goals and Objectives document will be submitted approximately 20 months after the start of the contract**.**

Task 6: Draft Watershed Plan. Write Draft watershed plan, in accordance with the California Salmonid Stream Restoration Manual (Third Edition or later), which will document watershed conditions including but not limited to current watershed conditions concentrating especially on the watershed's geology, geomorphology and hydrology. The plan will use existing published information to the maximum extent possible. New information will be developed to supplement published information and at a minimum include a study of lagoon function and morphology using DFG approved protocols and assess post-Basin Complex Fire (2008) impacts and alterations to the watershed. The watershed plan may contain additional sections as directed by the DFG grant manager or group's Steering Committee. Along with the elements developed under tasks 1-5, the plan will include a Watershed Restoration Action Plan, which will include a series of recommendations concerning improved management practices for public agencies and private landowners and identify projects, which address limiting factors to steelhead.

Deliverable: 6.0, Draft *Big Sur River Watershed Assessment and Management Plan* approximately 24 months after contract is signed**.**

Task 7: Final Watershed Plan. After public review, write final plan with appendices as needed. Incorporate public comments and write final plan. Perform final layout and print copies of plan. **Deliverable:** 7.0, Final *Big Sur River Watershed Assessment and Management Plan and Appendices* approximately 26 months after contract is signed**.**

Task 8: Project Management and Administration. Administer DFG contract, oversee subcontracts, guide timely project completion, manage project budget, and generate required updates, invoices and reports as required by DFG.

Deliverable: 8.1 Quarterly reports and invoices as directed by DFG grant manager; 8.2 Project Final Report.

2. ***Time frame:*** 28 months—Assuming a July 2011 start date: project time frame is July 2011 until October 2013.

   Task 1: project months 1-28, estimated July 2011 – October 2013

   Task 2: project months 1-6, estimated July 2011 – December 2011

   Task 3: project months 1-12, estimated July 2011 – June 2012

   Task 4: project months 1-18, estimated July 2011 – December 2012

   Task 5: project months 16-20, estimated October 2012 – February 2012

   Task 6: project months 13-24, estimated July 2012 – June 2013

   Task 7: project months 22-26, estimated May 2013 – August 2013

   Task 8: project months 1-28, estimated July 2011 – October 2013

3. ***Deliverables****:* 1.0 Meeting minutes from Steering Committee, TAC and public meetings; 2.0 Comprehensive list of watershed Issues and Concerns; 3.0. Watershed Resource Information Inventory (WRII); 4.1. Hydrologic and Geomorphic Assessment of Big Sur River Watershed; 4.2, Riparian Invasive Species inventory of Big Sur River and Tributaries; 4.3 Steelhead Habitat Assessment of the Big Sur River Lagoon, 4.4 Additional Assessment as called for under Task 3 above; 5.0 Document containing plan's Goals and Objectives; 6.0. Draft *Big Sur River Watershed Assessment and Management Plan;* 7.0.Final *Big Sur River Watershed Assessment and Management Plan* and Appendices; 8.1 Quarterly Reports and Invoices; 8.2 Final Report

4. ***DFG protocols to be used in project development and implementation (check applicable box):***

☒ DFG *California Salmonid Stream Habitat Restoration Manual*
Manual part number: II, III, IV, V

☐ DFG monitoring protocols for restoration project effectiveness and validation monitoring
List part number:

5. ***Other protocols:*** The lagoon assessment will use a methodology that is pre-approved by the DFG grant manager. All other protocols to be used on this project are described in the

California Salmonid Stream Habitat Restoration Manual (Third Edition or later).

6. *Expected quantitative results (project summary):*

Watershed Evaluation, Assessment and Planning (PL)

a. Acres of land area affected by the planning/assessment activity	28,020 acres
b. Type(s) of planning activities conducted	☒ development of a recovery plan ☐ coordination/implementation of a recovery plan ☐ coordination/implementation of watershed conservation and restoration ☒ watershed council support ☐ tribal infrastructure support ☐ support to local entities or agencies involved in salmonid restoration planning and coordination ☐ developing monitoring plans or sampling protocols ☒ habitat restoration scoping and feasibility studies ☒ evaluation/prioritization of restoration plans and projects ☐ designing and maintaining restoration data systems ☐ engineering/design work for restoration projects ☒ developing restoration action plans
c. Name of the plan developed or updated by the project	*The Big Sur River Watershed Assessment and Restoration Plan*

d. Describe extent, purpose and application of the plan	A community-based assessment and restoration plan to assess and address limiting factors to Steelhead in the entire Big Sur River watershed. This assessment and restoration plan will look at the entire watershed. A comprehensive assessment and plan is needed because no truly comprehensive watershed planning process has occurred in this watershed. Several smaller plans that have been developed by USFS and Parks for their respective properties have not been integrated together and therefore may be missing some larger overlaying set of conditions. The County of Monterey also crafted the *Big Sur River Protected Waterways Plan* in 1983 which primarily addressed suggested changes to county Planning documents. This plan will benefit from decades of local knowledge of private and public stakeholders. Private land ownership, although less than 10% of the watershed, is still very important factor in achieving sufficient stakeholder buy-in to support DFG's and NOAA Fisheries overall steelhead restoration goals. The plan will be a living document that will offer land owners and managers a series of recommended actions that they can take on their own land which address limiting factors to steelhead survival in the watershed. Additionally, the restoration projects that will be included in this plan will be planned in a context of understanding the overall watershed condition and will be evaluated by a series of criteria that includes feasibility, cost effectiveness and landowner support.

e. Type(s) of assessment activities conducted	☒ development of a watershed assessment ☒ mapping or inventory of habitat or salmonids ☒ stream surveys ☐ salmonid presence/absence assessments ☒ habitat condition assessment ☐ habitat use by salmonids ☐ fish passage barrier inventory;
f. Name of the assessment document developed by the project	***The Big Sur River Watershed Assessment and Restoration Plan*** and Appendices: A. Watershed Resources Information Inventory; B. Hydrology & Geomorphology of the Big Sur River watershed; C. Noxious Riparian Weeds Inventory; D. Big Sur River Lagoon Assessment; E. Contingency Assessment as determined necessary in WRII above.
g. Acres of habitat assessed to determine habitat conditions affecting salmonids	28,020 acres
h. Miles of stream assessed	8.5_miles
i. Miles of road assessed	__0__miles

Additional components of above project types. Provide these quantitative results if they apply.
None

7. *Other products and results:*
Watershed Maps as necessary for public communication.

Section 6: Qualifications and experience of applicant and professionals:

1. ***Applicant's qualifications and experience:*** The Resource Conservation District of Monterey County's Executive Director (ED) will be an active participant in the proposed work as community and committee meetings facilitator as well as provide oversight and direction to the RCDMC Project Manager (PM) who will compile project and resource information, maintain communication with subcontractors, lead the invasives inventory, and co-writer of the watershed plan with the ED and steering committee members. The RCDMC ED coordinated and facilitated development of the *Capay Valley Watershed Stewardship Plan* with the Cache Creek Watershed Stakeholders Group in Yolo County and has successfully guided numerous grant-funded resource assessment and implementation projects in his tenure with RCDs since

the mid-90's. The RCDMC PM has successfully managed projects for RCDMC with multiple subcontractors and significant report development and has over a decade of experience managing native and non-native vegetation on the Central Coast, with particular emphasis in the Big Sur region. Both are experienced and accomplished in working with people of diverse opinions towards reaching commonly-shared goals, which will be a critical aspect of this project.

As a project partner, the Garrapata Creek Watershed Council (GCWC), the only watershed group currently operating in the Big Sur area, will assist RCDMC with the group formation and co-facilitate the meetings. Members of GCWC, which has been operating continuously for over ten years, have extensive experience creating a comprehensive watershed assessment and restoration plan. They will provide a community connection, which is critical to success of any cooperative effort in the area. GCWC has implemented an upslope erosion control project that was funded by the FRGP and California Coastal Conservancy and members bring other valuable skills such as GIS and invasive species control.

2. ***Previous projects funded by FRGP:*** *None*

3. ***Professionals qualifications and experience:***

Dr. Douglas Smith, Cal State Monterey Bay Watershed Institute, has conducted numerous resource assessments in support of the development of many watershed plans, including those for Garrapata Creek and Williamson Creek, (in San Jose Creek Watershed) and other watershed restoration projects throughout the region and the eastern United States. Dr. Smith is a trained hydrologist/geomorphologist with over a decade of experience working in area watersheds. He has published extensively on geomorphology of the Central Coast region. He will be able to employ graduates and undergraduate students under his supervision who will be able to deliver a high-quality product in the most cost-effective manner. More information on his work can be found at http://hydro.csumb.edu/html/projects.html.

4. ***Examples of similar work:*** *Capay Valley Conservation and Restoration Manual (YCRCD, 2002), Capay Valley Watershed Stewardship Plan (YCRCD, 2003), Garrapata Creek Watershed Assessment and Restoration Plan (2006).*

Section 7: Landowners Access, Permits

1. **Landowners Granting Access for Project:** (Attach provisional access agreement[s]) The Big

Sur River Watershed is predominantly owned by state and federal agencies. Based on experience with past habitat typing and hydrological studies, it is felt that Provisional Access forms are not required at this time because access to evaluate the condition of the entire anadromous reaches can be accomplished either directly from public land or from a public road If it is determined that information needs to be gathered on private land, these forms will be completed and forwarded to the DFG Grant manager. As a result Checklist #6 IAW with Section 9 of this proposal is not being submitted.	
2. Permits:	Not applicable
3. Lead CEQA agency:	Not applicable.
4. Required mitigation:	Yes ☐ No ☒
5. Listed species:	South-Central California Steelhead DPS, California red-legged frog, California condor. It is not known for certain, but the Tidewater Goby may be present in the lagoon.

2. *Budget justification:*

All cost estimates for this project are based on extensive experience in developing budgets and implementing projects for similar work. Subcontractor costs were estimated by the intended subcontractor at CSUMB Watershed Institute based on his considerable experience in developing watershed assessments in the region. Working with the University enables the project partners to generate high quality information at significantly lower cost than work with a private consultant.

The primary RCDMC direct costs for the proposed work will be labor and mileage as outlined in the project description. Distribution of hours per task is expected to be: Task 1: Executive Director (ED)—450 hrs; Tasks 2, 3, & 4: Project Manager (PM)—450 hrs; Task 5 (Weed Inventory): PM—200 hrs; Tasks 6 & 7 (Draft and Final Plan): ED—650 hrs; PM—650 hrs; Task 8 (Proj Mgmt & Admin): ED—200 hrs; PM—200 hrs. Between meetings, project coordination and survey work, we anticipate approximately 100 trips of 100 miles average roundtrip. Workers compensation cost is derived directly from the specific rates assigned for the ED and PM by State Compensation Insurance Fund, Insurer for RCDMC. These are included under Operating Expenses per direction in the PSN.

The remainder of RCDMC costs are for the basic communication and technology requirements of the project:

- computer rental for the Project Manager (approx. $500/yr), a 30% portion of PM and ED phone service charges (since this project will constitute roughly 30% of the RCDMC annual budget for the project term)--$1000, half of which the RCD is matching;
- necessary office supplies for the project such as notebooks and pencils, CDs, printer toner, paper, reproduction, and postage, 2/3 of which will be matched by RCDMC and NRCS;
- IT support as needed for office network use, website communication regarding the project, and computer maintenance, half of which RCDMC will match;
- RCDMC office space rental for the portion and percentage relevant to the project, to be matched completely by NRCS; and
- color printing, reproduction and assembly of watershed plans, also to be matched completely by NRCS. Cost estimate for plan reproduction was based on costs for reproduction of the Garrapata Creek Watershed Plan.

3. *Administrative overhead:*

Costs to be covered by RCDMC administrative overhead rate of 15% include:

District Liability Insurance	$6,000/year
District Financial Audits	$7,000/year
District Bookkeeping	$10,000/year
District Office, Personnel Management &	$12,000/year

Communication	
Overall District Information Technology Service	$2,000/year
Annual District 'Overhead' Expenses	**$37,000/yr**
2.3 yrs OH expense relative to this project (30% of RCD Annual Budget)	*$37,000/yr x 2.3 years x 30% =* ***$25,530***

4. *Summary project costs*

Sources of Funds	Cash	In-kind (if applicable)	Status S,P,U (secured, pending, unknown)	Anticipated award date	Total
Fisheries Restoration Grant Program	$210,833				$210,833
Other State Agencies Name(s) and amount(s) of each: CA Dept of Parks Ecologist		$2,350	S		$2,350
Federal Name(s) and amount(s) of each: U.S. Forest Service Ecologist USDA NRCS Conservationist USDA NRCS Field Office, Salinas		$1,600 $6,400 $30,372	S S S		$1,600 $6,400 $30,372
Applicant (Local): Resource Conservation District of Monterey County	16,433		S		$16,433
Other Sources Name(s) and amount(s) of each: Garrapata Creek Watershed Council		$58,624	S		$58,624
Total	227,266	99,346			326,612

5. *Is any of the cost share being used as match for other (non-FRGP) funding for the project?*

No.

6a. *In-kind Detail:*

In-kind Detail					
Source of In-kind contribution	**Total volunteer hours**	**Value of volunteer labor ($)**	**Non-volunteer donated labor value ($)**	**Non-labor contribution description**	**Non-labor contribution value ($)**
Co-Facilitator/Coordinator (Garrapata Cr.	916	$58,624			$58,624

Watershed Council)					
TAC (USFS)			$1600.00		
TAC (State Parks)			$1600.00	Mileage	$750
TAC and Public Meetings and Technical Support (NRCS)			$6400.00	$17,629 Office space rent, $10,000 printing/postage & $750 mileage to meetings	$28,379

6b. *Describe how the value of the volunteer labor was determined:*

The actual in-kind match will actually be considerably higher than shown. The Garrapata Creek Watershed Council has offered to help assist with meetings and writing of the plan. The TAC will include all volunteer labor except the hydrologist/geologist/geomorphologist who will a subcontractor; only staff from USDA NRCS and the two major landowners in the watershed, USFS and state Parks, are included in this proposal. However, the remainder of the TAC and the entire Steering Committee will be volunteer time. For this application the Steering Committee members are not listed; when invoices are sent to the DFG manager, these figures will be included. Rates per hour are based on their level of experience and reflect a conservative professional billing rate.

7. Estimated Project Cost by Task

NOT NEEDED FOR THIS PROJECT APPLICATION TYPE

Estimated Project Cost by Task - Project Name_____			
Type of Work	**Amount Requested**	**Cost Share**	**Total**
Fish Screens			
Fish Passage			
Instream Flow			
Instream Habitat			
Riparian Habitat			
Upland Habitat			
Wetland Habitat			
Estuarine Habitat			
Total			

Section 9: Supplemental or Specialized Information

In the order listed below, please attach the following required items to the application, as appropriate to the proposal project type:

☐ 1. Intermediate Plans.
(Project Types: FP, SC)

☐ 2. Conceptual Plans.
(Project Types: HS, HU, WC)

☐ 3. Intermediate **or** Conceptual Plans.
(Project Types: HB, HI, WD)

☒ 4. Project Location Topographic Map. **ATTACHED AS IMAGE 1**
(Project Types: FP, HB, HI, HR, HS, HU, MD, PD, PL, SC, WC, WD, WP)

☒ 5. Watershed (or County) Map. **ATTACHED AS IMAGE 2**
(Project Types: AC, HU, OR, PD, PI, PL, WD, WP)

☐ 6. Provisional Landowner Access Agreement/Provisional Resolution. **NOT NEEDED-- >90% of PLAN AREA IS PUBLIC LANDS**
(Project Types: FP, HB, HI, HR, HS, HU, MD, PD, PL, SC, WC, WD, WP)

☐ 7. Water Right Verification
(Project Types: FP, HB, SC, WC, WD, WP)

☐ 8. Photographs
(Project Types: FP, HB, HI, HR, HS, PD)

☐ 9. Status Report (Existing projects only).
(Project Types: OR, PI)

☐ 10. Fence Maintenance Plan.
(Project Type: HR)

☐ 11. Riparian Restoration Plan.
(Project Type: HR)

☐ 12. Quality Assurance and Quality Control (QA/QC) Plan
(Project Type: MD)

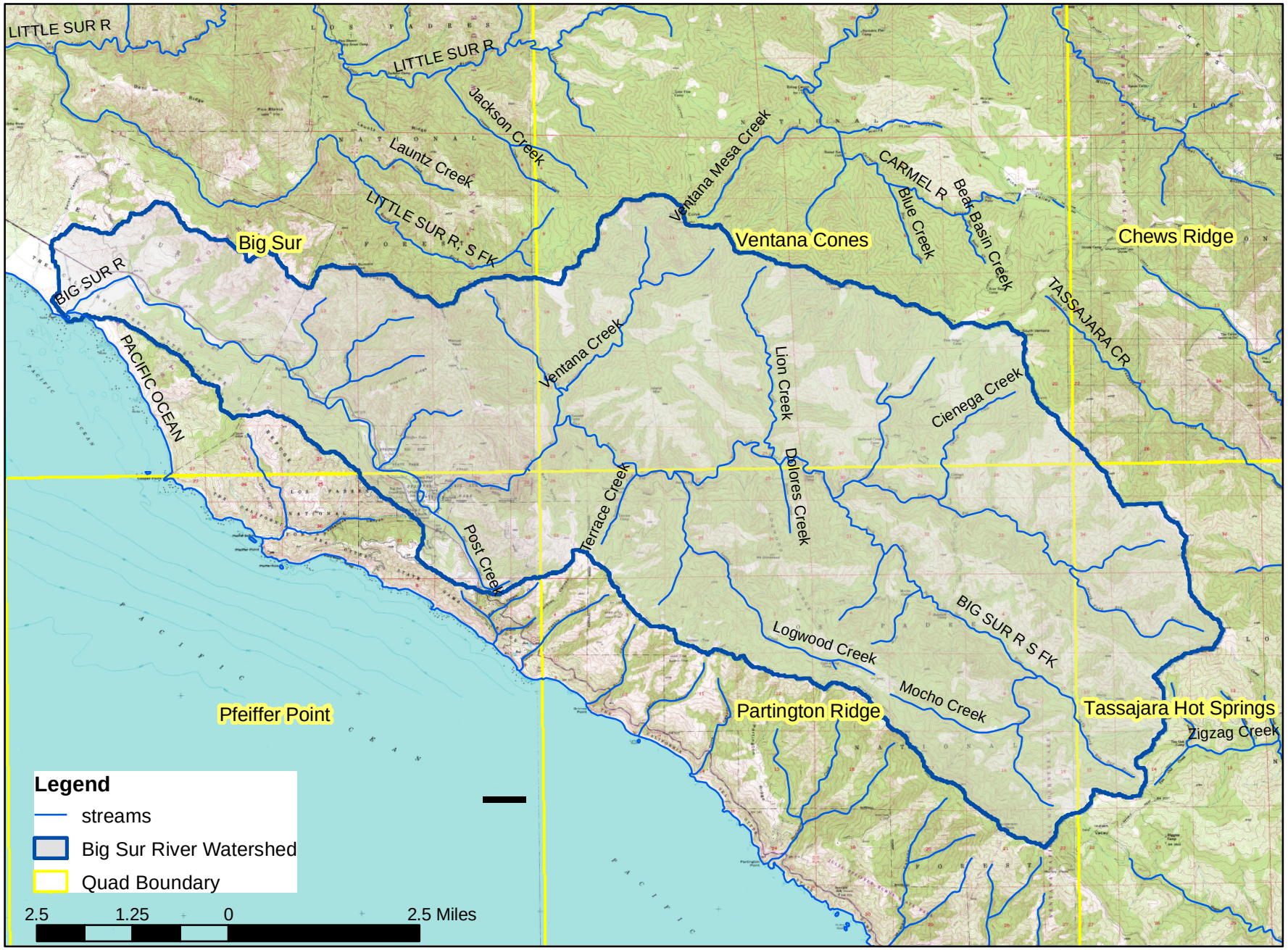
☐ 13. Existing Condition Sketch.
(Project Type: PD)

☐ 14. Narrative appraisal.
(Project Type: WP)

Supplemental Information Checklist by Project Type
(Refer to the item numbers above)

Project Type	Item Number	Project Type	Item Number
AC	5	OR	5, 9
FP	1, 4, 6, 7, 8	PD	4, 5, 6, 8, 13
HB	3, 4, 6, 7, 8	PI	5, 9
HI	3, 4, 6, 8	PL	4, 5, 6
HR	4, 6, 8, 10, 11	SC	1, 4, 6, 7
HS	2, 4, 6, 8	WC	2, 4, 6, 7
HU	2, 4, 5, 6	WD	3, 4, 5, 6, 7
MD	4, 6, 12	WP	4, 5, 6, 7, 14

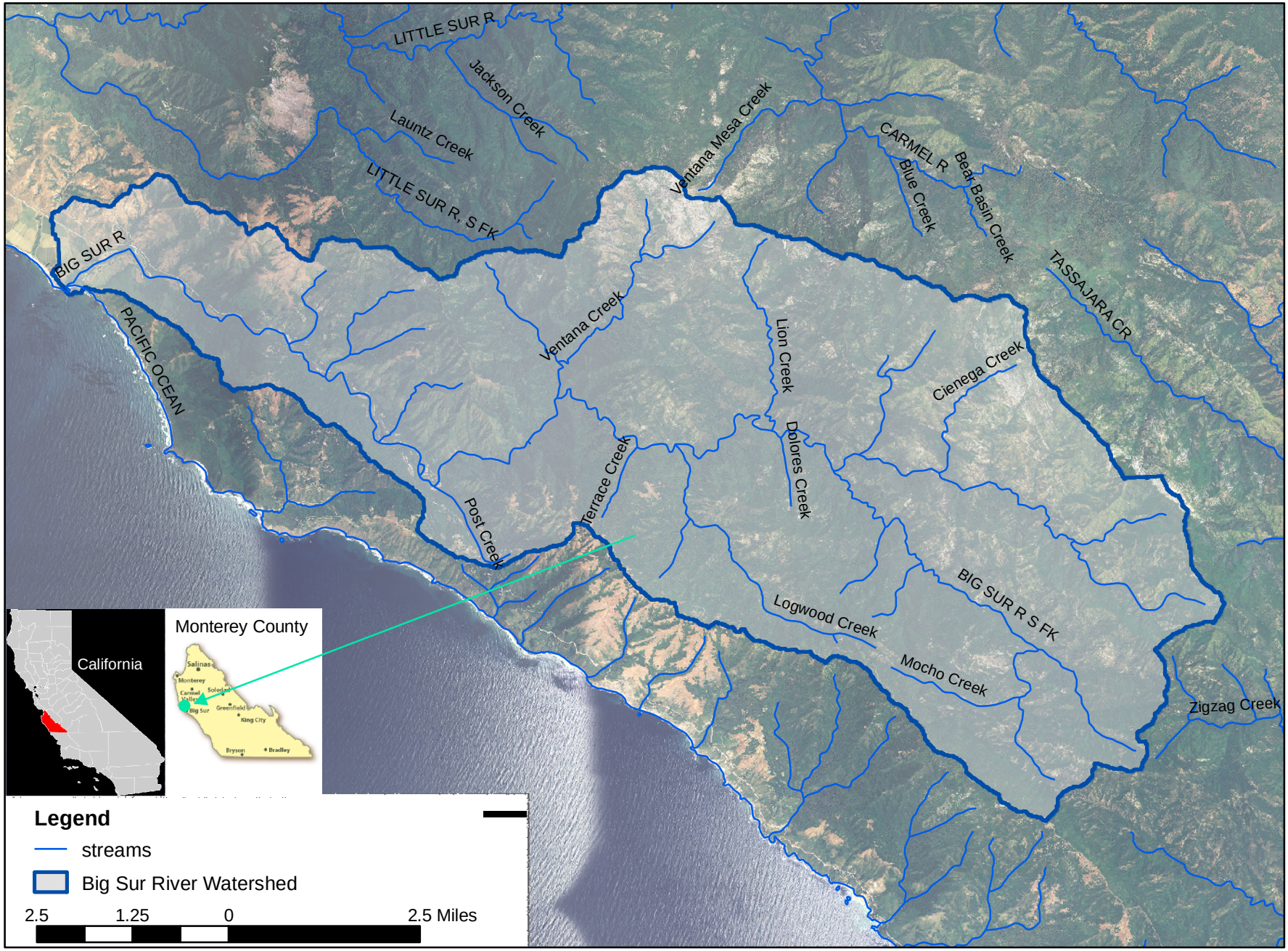
Image 1: Project Location Topographic Map



United States Geological Survey

7.5 Minute Topographic Maps: Big Sur, Ventana Cones, Chews Ridge, Pfeiffer Point, Partington Ridge, Tassajara Hot Springs

Image 2: Watershed & Location Map



Big Sur River Watershed - Monterey County