

**Proposed Supplemental Environmental Project  
For City of Pismo Beach  
Regional Water Quality Control Board Order NO. R3-2004-008**

**Project Proponent:**

In partnership with the City of Pismo Beach, Central Coast Salmon Enhancement (CCSE) will be the project manager for the following proposal.

Central Coast Salmon Enhancement (CCSE) is a nonprofit corporation dedicated to the enhancement and restoration of the Central Coast Salmonid fishery, and local creeks and watersheds. CCSE is also devoted to educating the community on the ecology and economy of these resources. To this end for the past year, CCSE has been assisting citizens in the Pismo Creek watershed restore the watershed by addressing issues of concern. A successful watershed tour was conducted several weeks ago, several volunteers are monitoring water quality and a watershed organization is in its formative stages. Further funding is critical to continue the development of a sustainable citizen's group, which represents all sectors of the community, in determining the ways to protect and enhance watershed health.

**CCSE Qualifications**

- Well-established relationships with agencies and organizations with jurisdiction in the watershed including;
  - Central Coast RWQCB
  - Department of Fish and Game
  - NOAA Fisheries
  - County of San Luis Obispo
  - Land Conservancy of San Luis Obispo County
  - California State Parks
  - Coastal San Luis Resource Conservation District (CSLRCD)
  - Natural Resource Conservation Service
  - California Conservation Corps – SLO
- Twenty years of successful community projects on the Central Coast
- Successful completion of numerous grant funded projects
- Seen as balanced approach environmental organization
- Established relationship with landowners in the watershed
- Qualified staff including biologists, GIS technician and database manager

## SEP Proposal – City of Pismo Beach

### Phase 1: Watershed Management Plan

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#### **Project Summary:**

Development of a comprehensive management plan for the Pismo Creek Watershed, including upper reaches and tributaries, through stakeholder involvement that will include assessment of current conditions and identification of projects and methods to improve water quality.

Plan development will include (but not limited to):

- Watershed organization support
- Community outreach and education
- Volunteer water monitoring program
- Assistance for agricultural landowners complying with Conditional Waivers of Waste Discharge Requirements for Discharges from Irrigated Lands
- Conducting appropriate assessments
- Identification and prioritization of implementation projects to improve watershed health

**Budget:** Up to \$133,000

**Timeline:** 18-24 months to complete development of plan, conduct assessments, and ongoing support of watershed organization during implementation.

#### **Project Detail:**

##### **Watershed organization support**

- Support and expand existing steering committee of key stakeholders in watershed.
- Assist steering committee members to develop and design the management plan; including review, editing, publication, distribution and revisions.
- Facilitate watershed wide community meetings to inform the community about pertinent watershed issues. Each watershed organization meeting will include education, networking, and planning components.

##### **Community outreach and education**

- Develop Pismo Creek Watershed outreach materials and programs to inform the public about natural resources issues within the watershed, water quality issues, explain the importance of stream habitat to steelhead trout, and invite the public to participate with the watershed organization and watershed events.
- Attend community meetings, such as Pismo Beach Rotary Club, Kiwanis, and City of Pismo Beach, to invite community member to participate in the development of the watershed management plan.
- Create and distribute a newsletter that will report on the watershed organization, water quality updates, stakeholder group updates and management plan progress.

## SEP Proposal – City of Pismo Beach

### **Volunteer water monitoring program**

Staff will establish water-monitoring protocol with the assistance of the Regional Water Quality Control Board to ensure data collection is consistent with existing programs and to provide quality control. A minimum of six monitoring sites will be established and monitored monthly. Using Lamont water monitoring kits, the following items will be tested: turbidity, temperature, nitrates, phosphates, dissolved oxygen and pH. Data will be input into the Regional Water Quality Control Board's CCAMP water quality database and used in the development of a watershed management plan.

### **Assistance for agricultural landowners complying with Conditional Waivers of Waste Discharge Requirements for Discharges from Irrigated Lands**

Staff will work with agriculturalists in the watershed to help with voluntary efforts of water quality improvement including scheduling water quality education classes, assisting with farm plans and providing information about complying with discharge waivers and current requirements.

**Conducting appropriate assessments** (see attached Table of Contents-Watershed Management Plan) Determine hydrologic study needs with stakeholders, including the City of Pismo Beach, to integrate scopes of work for recycled water feasibility study, as well as watershed-wide surface water assessments. Studies may include (but not limited to):

- Biology
- Water Quality
- Watershed Inventory—sediment generation and transport, geomorphology, flow analysis
- Other studies as determined by stakeholder group

### **Identification and prioritization of implementation projects to improve watershed health**

- Solicit project ideas from stakeholders. Dedicate a watershed organization meeting to project identification and planning.
- Watershed assessments will also identify potential water quality improvement projects.
- Criteria will be developed by the stakeholder group to prioritize projects based on water quality improvement. Project will then be ranked according to the criteria.

## SEP Proposal – City of Pismo Beach

### **Phase 2: Implementation of Priority Projects Identified by Management Plan**

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#### **Project Summary:**

CCSE will then use any remaining funds to implement priority water quality improvement projects as defined by the management plan developed in Phase I. Availability of SEP funds presents leveraging opportunities to enhance other available funding. Projects may include (but not limited to):

- Bank stabilization
- Riparian management
- Riparian fencing
- Upslope repairs
- Best Management Practices for erosion control and nutrient management
- Land conservation

**Budget:** any remaining funds from Phase I

**Timeline:** 2-4 years to allow for permitting and installation



SEP Proposal for  
Pismo Creek Watershed Management Plan

Task	Budget	Month																								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Conducting appropriate assessments																										
Fecal Coliform tracing at the Pier	\$ 30,000			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Water Reclamation Feasibility Study	\$ 20,000			X	X	X	X	X																		
Biological - Habitat Typing	\$ 10,000									X	X	X	X													
Hydrology/ Geomorphology; sediment generation and transport, flow analysis	\$ 12,000				X	X	X	X	X	X																
Coordinating consultants, review of scope and data collection as well as additional studies as determined by stakeholder group	\$ 19,000	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Identification and prioritization of implementation projects to improve watershed health																										
Solicit project ideas from stakeholders	\$ 10,000				X			X																		
Develop Criteria for prioritization						X		X																		
Rank projects according to the criteria											X	X														
Completion of Management Plan Document																										
Draft Plan																										
Final Plan																			X							X
Phase II - Implementation																										
Pending Availability of Unused Funds - Implementation of projects identified by management plan	\$ -																									
Total Project Budget	\$ 183,000																									