

Proposal Full View

[Print](#)

Applicant Information

Organization Name *

Tax ID **912081300**

Proposal Name **Implementing IRWM Projects in the Greater Monterey County Region – Round 2** *

Proposal Objective
 The projects in this proposal have been selected to address as many goals and objectives of the region as possible, as outlined in the Greater Monterey County IRWM Plan. Together, the nine projects address all of the seven goals and 57 objectives of the IRWM Plan. The goal categories include: water supply, water quality, environment, flood protection and floodplain management, disadvantaged communities (DACs), regional communication and cooperation, and climate change. In selecting projects for this application, the Regional Water Management Group has also aimed to achieve certain objectives related to the proposal itself, specifically: to provide diverse and multiple water resource and environmental benefits for the region; to provide coverage of different geographic areas of the Greater Monterey County region; to include a mix of partners in implementing projects for the region, in order to reflect the diversity of stakeholders and the collaborative spirit of the IRWM planning process in this region; and to include a strong public education component. The projects together fully address these objectives. Most importantly, the nine projects included in this application address some of the most pressing water resource management issues for the Greater Monterey County region. These issues include: lack of access to safe drinking water in many DACs in the region; seawater intrusion in the Salinas Valley Groundwater Basin; water quality impairments in surface waters, groundwater aquifers, estuarine and coastal waters; and ecosystem degradation due to water quality impairments and invasive non-native plant species. *

Budget

Other Contribution	<input type="text" value="\$2,456,000.00"/>
Local Contribution	<input type="text" value="\$2,623,362.00"/>
Federal Contribution	<input type="text" value="\$1,304,300.00"/>
Inkind Contribution	<input type="text" value="\$785,396.00"/>
Amount Requested	<input type="text" value="\$7,567,669.00"/> *
Total Project Cost	<input type="text" value="\$12,647,031.00"/> *

Geographic Information

Latitude *

Longitude *

Longitude/Latitude Clarification
 The Greater Monterey County IRWM Region is located almost entirely within Monterey County. A very small portion of the planning region is located in San Benito County, where the Salinas River Watershed extends into that county.
 Location
 The approximate geographic center of the region lies just northwest of King City in Monterey County.

County *

Ground Water Basin

Hydrologic Region

Watershed

Legislative Information

Assembly District *

Senate District *

US Congressional District *

Project Information

Project Name

Implementing Organization	Coastal Conservation and Research Inc
Secondary Implementing Organization	Resource Conservation District of Monterey County- Central Coast Wetlands Group
Proposed Start Date	10/1/2013
Proposed End Date	9/30/2016

Project Scope	Landowner outreach, access coordination;weed control; revegetation; education; effectiveness and river conditions monitoring.
Project Description	Wildlife habitat, flood control and water availability on the Salinas River and its tributaries are compromised and threatened by invasive nonnative plants, including the second-largest invasion in California of the noxious weed, Arundo donax. Arundo is a nonnative aggressive perennial grass that has overtaken 1,869 acres of the Salinas River, forming enormous monocultures with virtually no food or habitat value for native wildlife. Aerial GPS-linked photo reconnaissance of the Salinas River and several tributaries by the RCDMC in May 2011 identified Tamarisk (Tamarix ramosissima) as another major invasive plant that is displacing native vegetation and actively migrating into the Salinas River from several tributaries. The project proposal is for the first 3-year stage of treatment (of a 10+ year program) and will target arundo and tamarisk and other invasive weeds in the channel, floodplain and terraces of the Salinas River between King City and Soledad. All non-native invasive weeds present in these areas will be treated using a combination of physical, chemical and biological techniques, and selected sites will be revegetated with native plants as appropriate to the site (considering flood risk, natural recruitment potential, and landowner interest). The methods and approach of this program are based on successful riparian noxious weed eradication efforts conducted throughout California, as well as at the headwaters of the Salinas River in northern San Luis Obispo County and at Camp Roberts in southern Monterey County. In addition, we will educate landowners and the public regarding the importance of riparian vegetation management to expand participation and support for the long-term program and to expand our understanding of the function of the Salinas River to inform future work on the river, including the additional arundo control work that will continue downstream to the river mouth over the ensuing decades.
Project Objective	Improve habitat quality, channel conveyance capacity, enhance recharge, and reduce unnatural bank erosion by treatment of 120 net acres of the noxious riparian weed, Arundo donax, and strategic revegetation with native plants in the channel of the Salinas River and nearby tributaries in the vicinity of King City and downstream towards Soledad.
Project Benefits Information	

Project Objective

Budget

Other Contribution	12000
Local Contribution	472862
Federal Contribution	30000
Inkind Contribution	157106
Amount Requested	1275701
Total Project Cost	1760563

Geographic Information

Latitude DD(+/-)	36	MM 21	SS 0
Longitude DD(+/-)	121	MM 13	SS 59
Longitude/Latitude Clarification		Location	The approximate geographic center of
County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed			
27 3309 Salinas			

Legislative Information

Assembly District	30th Assembly District
Senate District	12th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name	Project 5. Resource Conservation District of Monterey County		
Implementing Organization	Coastal Conservation and Research Inc		
Secondary Implementing Organization	Resource Conservation District of Monterey County		
Proposed Start Date	10/1/2013		
Proposed End Date	9/30/2016		
Project Scope	Grower outreach and technical education; on-farm evaluations; BMP implementation assistance; effectiveness tracking.		
	The RCD of Monterey County, in close partnership with University of California		

<p>Project Description</p>	<p>Cooperative Extension Crop Advisors and USDA Natural Resources Conservation Service, will provide a bilingual on-farm erosion, irrigation, and nutrient management evaluation program for Monterey County farmers. The service will 1) evaluate erosion potential, irrigation system and application efficiency, and nutrient budgeting; 2) develop recommendations as needed for field configuration, soil stabilization, and refined water and nutrient applications; and 3) assist growers' voluntary implementation of those recommendations to help reduce excess soil, water and nutrient movement off area farms while optimizing farm productivity. This work is already underway on a smaller scale; the requested funding would support development of a full program for the next three years.</p>
<p>Project Objective</p>	<p>We will take tangible steps towards improving farm water runoff and drainage management in Monterey County with a focus on nutrient, irrigation and sediments. Fifty Monterey County farms will receive detailed, site and system-specific assessments and recommendations for water quality improvement measures. Up to 20 of these will receive assistance to implement those recommendations, and half of those will receive further tracking of water quality benefits to verify practice effectiveness.</p>

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	194940
Federal Contribution	70440
Inkind Contribution	61000
Amount Requested	584850
Total Project Cost	779790

Geographic Information

Latitude DD(+/-) MM SS

Longitude DD(+/-) MM SS

Longitude/Latitude Clarification Location County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed 27 3309 Salinas

Legislative Information

Assembly District	30th Assembly District
Senate District	12th Senate District, 17th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name <input type="text" value="Project 7. Elkhorn Slough Foundation: Ridgeline to Tide"/>	
Implementing Organization	Coastal Conservation and Research Inc
Secondary Implementing Organization	Elkhorn Slough Foundation: Elkhorn Slough National Estuarine Research Reserve
Proposed Start Date	10/1/2013
Proposed End Date	9/30/2016
Project Scope	Due diligence for property acquisition; planning and compliance for estuarine enhancement; ecotone and salt marsh restoration.
Project Description	The project area encompasses 359 acres of Elkhorn Slough and uplands. The three stages of this project include: 1) planning, design, and environmental compliance for increasing tidal range and circulation in North Marsh, a part of the Slough with consistently poor water quality and greatly reduced estuarine function, and restoring an adjacent upland buffer, 2) acquiring adjacent farmland property that is a chronic source of Slough degradation, and 3) restoring a nearby marsh through the addition of sediment. Planning for increased tidal flushing in North Marsh will ultimately lead to improved water quality, flood protection, and habitat value in estuarine waters. Reduced groundwater extraction on adjacent farmland will improve water balance in the basin, resist seawater intrusion, prevent nitrate pollution and promote freshwater spring re-emergence. Over the past three decades we have demonstrated these integrated actions can measurably improve ecological function, tidal, freshwater and groundwater quantity and quality, and provide habitat for a diverse array of plants and animals. The marsh restoration will be done through the beneficial reuse of sediment excavated during a nearby flood control project. Requested funds will support improvement of tidal circulation through site evaluation (biological data, habitat extent, water quality, wetland delineation,

	topography, bathymetry, hydrology, soil/sediment characteristics, modeling impact on tidal scour), planning, evaluation of design alternatives, compilation of a restoration plan, 30% design and CEQA (restoration of this tidal wetland will be funded through another source); and land acquisition through due diligence costs (appraisals/environmental inspection and cleanup/legal review/surveys/closing costs). These funds will also support restoration of buffer uplands at North Marsh and 7 acres of a nearby marsh through sediment addition.
Project Objective	Land Acquisition: Decrease farm footprint, reduce groundwater by ~230 AFY; improve estuarine water quality downhill from farm; reduce watershed erosion, reduce sedimentation. North Marsh Enhancement: Create plans, designs, complete CEQA compliance for improved tidal circulation in ~200 acres of Elkhorn Slough wetlands; reduce high priority invasive weeds in adjacent uplands, increase rare ecotone habitat. Salt Marsh Restoration: Restore 7 acres of previously diked tidal marsh.
Project Benefits Information	

Project Objective

Budget

Other Contribution	2000000
Local Contribution	1173000
Federal Contribution	1162000
Inkind Contribution	10000
Amount Requested	1613226
Total Project Cost	4786226

Geographic Information

Latitude DD(+/-)	36	MM 50	SS 20
Longitude DD(+/-)	121	MM 44	SS 18
Longitude/Latitude Clarification		Location	The approximate geographic center of the project is
County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed			
24 3306 Bolsa Nueva			

Legislative Information

Assembly District	29th Assembly District
Senate District	17th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name	Project 9. Save Our Shores: Watershed Protection Progi		
Implementing Organization	Coastal Conservation and Research Inc		
Secondary Implementing Organization	Save Our Shores		
Proposed Start Date	7/6/2014		
Proposed End Date	11/1/2016		
Project Scope	Conduct Annual Coastal Cleanups at approximately 30 river, inland, and beach sites in Monterey County.		
Project Description	The problems of trash and plastic pollution in Monterey County Rivers and in the Monterey Bay National Marine Sanctuary are a result of trash littered through storm drains, directly into waterways, and/or from the beach. This trash impairs movement of fish populations through rivers and causes harm to wildlife that ingests or becomes entangled in the trash. For the past five years, Save Our Shores has coordinated the largest cleanup day of the year, Annual Coastal Cleanup Day (ACC), in Santa Cruz County, and more recently in Monterey County. SOS coordinates up to 4,000 volunteers to clean up over 50 beach and river sites and has collected up to 12,000 pounds of trash on ACC day. During the 2012 ACC Day at 23 Monterey County sites, SOS volunteers collected 5,963 pounds of trash and 787 pounds of recyclables. Prop 84 IRWM Implementation Grant funds will allow SOS to conduct three years of ACC in Monterey County, encompassing approximately 30 river, inland, and beach sites throughout the county and removing up to 7,000 pounds of trash and 900 pounds of recyclables from coastal rivers and beaches each year of the project.		
Project Objective	Conduct approximately 30 river and beach cleanups on Annual Coastal Cleanup Day in Monterey County each year for three years. Remove at least 6,000 pounds of trash and 800 pounds of recyclables from project sites in the first year, growing to at		

least 7,000 pounds of trash and 900 pounds of recyclables in the third project year.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	12600
Federal Contribution	0
Inkind Contribution	12600
Amount Requested	37800
Total Project Cost	50400

Geographic Information

Latitude DD(+/-)	36	MM 50	SS 9
Longitude DD(+/-)	121	MM 48	SS 5
Longitude/Latitude Clarification	Location The project currently includes 27 individual sites within Monterey County from Zmudowski S		
County	Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed		
27 3309 Salinas			

Legislative Information

Assembly District	29th Assembly District,30th Assembly District
Senate District	12th Senate District,17th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name	Project 1. County of Monterey: San Lucas Wat
Implementing Organization	Coastal Conservation and Research Inc
Secondary Implementing Organization	Monterey County - San Lucas Water District
Proposed Start Date	10/1/2013
Proposed End Date	3/31/2016
Project Scope	Analyze alternative solutions to restore the community water supply, select a preferred option, and construct the project.
Project Description	The community of San Lucas is a small impoverished, predominately Hispanic, farmworker village in southern Monterey County. The community has been determined to be a DAC. The San Lucas Water District operates the community's drinking water and wastewater systems, and has approximately 85 service connections. The District's water supply is derived from a single groundwater well located in the center of an agricultural field. The District has very limited financial and operational capacity. Since 2006 the County of Monterey Redevelopment and Housing Office has been providing on-going assistance to the Water District. Since March 2011 all customers of the Water District have been on an indefinite "Do Not Drink" order from the Monterey County Division of Environmental Health due to excessive levels of nitrates in the water. Nitrate levels are currently running over 70 ppm. The groundwater from this well also contains excessive levels of total dissolved solids (TDS), which are currently running about 2,000 ppm. The Monterey County Division of Environmental Health has directed the Water District to implement a new source of water that meets all public water quality requirements as soon as possible. Until that time, the "Do Not Drink" order will remain in effect. Further, no new service connections will be permitted to the system until the water quality issues are resolved. The proposed project will implement preparation of a Feasibility Study to evaluate all available feasible options for long-term solutions to the water supply problem and identify a Preferred Option. Preliminary engineering analysis of the Preferred Option will be completed, leading to preparation of a Project Description and a CEQA Initial Study. Upon completion of the CEQA process, final engineering plans, specifications, and bid documents will be completed and permits and rights-of-way will be obtained. The County and District will then advertise for bids and construct the project.
Project Objective	Provide a permanent affordable public water supply in accordance with State water quality standards for the community of San Lucas.

Project Benefits Information

Project Objective

Budget

Other Contribution	440000
Local Contribution	112000
Federal Contribution	0
Inkind Contribution	112000
Amount Requested	2362500
Total Project Cost	2914500

Geographic Information

Latitude DD(+/-)	36	MM 7	SS 47
Longitude DD(+/-)	121	MM 1	SS 17
Longitude/Latitude Clarification		Location	Community of San Lucas, located about 9 miles s
County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed			
27 3309 Salinas			

Legislative Information

Assembly District	30th Assembly District
Senate District	17th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name	Project 2. Pajaro/Sunny Mesa Community Serv
Implementing Organization	Coastal Conservation and Research Inc
Secondary Implementing Organization	Pajaro/Sunny Mesa Community Services District
Proposed Start Date	10/1/2013
Proposed End Date	6/1/2015
Project Scope	The Scope of Work includes planning, technical studies and engineering for a new water supply for the Springfield DAC.
Project Description	Pajaro Sunny Mesa Community Services District (PSMCD) is requesting funds for predevelopment costs to replace the water supply for the Springfield disadvantaged community in rural northern Monterey County. Engineering, geotechnical and hydrological studies are required to determine the feasibility of potential options under consideration to replace an existing drinking water well that has high nitrate levels and is at risk of seawater intrusion. The first option would include development of a new well, storage tank and associated distribution system. The second option would be to connect to the Moss Landing Water System to the south of the community. Environmental planning (CEQA), permitting and project coordination are included in the request. In addition to conceptual design and feasibility analysis, the goal is to develop plans and specifications for the selected project in preparation for construction bidding. Springfield Water is operated by PSMCSD and includes 34 connections supplying approximately 165 primarily lower income individuals. It is currently under a Bottled Water Order from Monterey County. The existing well supplying the community is surrounded by agricultural uses and according to the Monterey County Health Department, has exceeded the nitrate Maximum Contaminant Level since the 1980s. The level for nitrates averaged 282 ppm over the last four quarters and total dissolved solids (TDS) tested at a level of 2900. The project proposes evaluation of a new well site next to the Moss Landing Middle School on Springfield Road located at a higher elevation than the current well. However, hydrology and geotechnical studies are needed to determine if this site is appropriate on a long-term basis. Consolidation with Moss Landing Water and expansion to adjacent underserved areas will be evaluated as other options.
Project Objective	The primary objective is to plan and design an alternate water supply that will provide adequate drinking water quality and quantity for the Springfield disadvantaged community. This objective will be accomplished through completion of technical studies, feasibility analysis, project design and environmental review resulting in selection of a preferred project, development of plans and specifications to 90% completion and permit approvals.

Project Benefits Information

Project Objective

Budget

Other Contribution	4000
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Local Contribution	50500
Federal Contribution	0
Inkind Contribution	50500
Amount Requested	580072
Total Project Cost	634572

Geographic Information

Latitude DD(+/-)	36	MM 7	SS 14
Longitude DD(+/-)	121	MM 10	SS 16
Longitude/Latitude Clarification		Location	Springfield Road at High
County Monterey Ground Water Basin Pajaro Valley Hydrologic Region Central Coast WaterShed			
24 3306 Bolsa Nueva			

Legislative Information

Assembly District	29th Assembly District
Senate District	17th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name		Project 3. City of Salinas and Monterey Regional Water Pollu
Implementing Organization	Coastal Conservation and Research Inc	
Secondary Implementing Organization	City of Salinas - Monterey Regional Water Pollution Control Agency	
Proposed Start Date	10/1/2013	
Proposed End Date	9/30/2014	
Project Scope	Divert dry weather urban runoff from City of Salinas, collect, treat to tertiary standards, reuse for agricultural irrigation	
Project Description	<p>Urban water runoff from the City of Salinas (City) currently flows to receiving waters untreated. Water from south Salinas flows into the Salinas River via a series of stormwater conveyance pipes. The remainder of the city drains into the Reclamation Ditch. Water carries with it pollutants from a number of point urban sources. Left untreated these pollutants can adversely affect downstream environments. The City needs to reduce pollutant discharges to surface waters to the maximum extent practicable. For south Salinas, it is highly feasible to divert dry weather flows and possibly first flush storm-generated flows and flows from infrequent smaller storms into a small earthen detention basin to utilize biological processes in degrading possible pollutants. This water would then be diverted to the MRWPCA wastewater treatment plant (WWTP) in Marina. Flows would combine with raw sewage from the City. MRWPCA would treat the combined flow to tertiary standards and pump it through an existing recycled water distribution system in northern Monterey County during dry weather periods. The recycled water irrigates croplands, substantially reducing the need to pump groundwater for irrigation in a seawater intrusion-affected area. In the future, the City and MRWPCA plans to study north Salinas, to determine if acceptable water quality and stormwater flows could be diverted into the sanitary sewer system, also a tributary to MRWPCA's WWTP. As noted above, the City is striving to reduce or eliminate pollutants from stormwater discharges to surface waters and it is incumbent upon the City to proceed expeditiously. Similarly MRWPCA has seen reduced flows to its WWTP from the City, resulting from water conservation, and from reduction of infiltration and inflow due to repairs or replacement of sanitary sewers. Activities that would increase dry weather flows to the WWTP would be beneficial to MRWPCA's recycling program and the associated water resources benefits.</p>	
Project Objective	<p>Project goals include construction of the infrastructure to divert dry weather runoff, and as a result of that construction, improved surface water quality in the Salinas River and an increased recycled water supply for agricultural irrigation. Other goals of the project include gathering sufficient data to understand performance of the system and to determine whether or not the project should be expanded to north Salinas.</p>	

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	360869
Federal Contribution	0
Inkind Contribution	

Amount Requested	360869
Total Project Cost	428400
	789269

Geographic Information

Latitude DD(+/-)	36	MM 39	SS 38	
Longitude DD(+/-)	121	MM 40	SS 59	
Longitude/Latitude Clarification	146 Hitchcock Road, Salinas CA, 93901 (.42 miles Sc			Location
County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed				
27 3309 Salinas				

Legislative Information

Assembly District	30th Assembly District
Senate District	12th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name	Project 6. Ecology Action: Monterey Bay Green
Implementing Organization	Coastal Conservation and Research Inc
Secondary Implementing Organization	Ecology Action: Mission Trails Regional Occupational Program
Proposed Start Date	10/1/2013
Proposed End Date	1/15/2015
Project Scope	Provide one Green Gardener Certification course and four public workshops; construct four landscape demonstration sites.
Project Description	The Monterey Bay Green Gardener Certification Program is a bilingual professional development opportunity that trains landscapers and gardeners in water conservation and watershed stewardship. Green Gardener training participants are either home gardeners, self-employed maintenance gardeners and/or employees of licensed landscape contractors, school districts or public agencies. The Green Gardener 10-week certification-level course topics include efficient irrigation system design and management, applying mulches and compost to build the soil food web, improve water retention capacity of soil and prevent erosion, drought-tolerant plant selection and natural landscaping based on plant communities in a watershed, integrated pest and weed management strategies that reduce pesticide applications in the landscape, fertilization practices that protect water quality, and natural pruning and plant selection practices that reduce green waste and carbon emissions. In addition to the certification level course, the Monterey Bay Green Gardener program offers hands-on public workshops on strategies to convert lawns to water-wise landscaping, laundry-to-landscape graywater irrigation, and low impact design practices that slow, spread, and sink stormwater such as permeable hardscapes, and downspout diversion to rain gardens and swales. Green Gardener trainings in 2014 will be coordinated in the context of the launching and marketing of a regional Monterey Bay sustainable landscape recognition/certification program, funded by a Prop 84 stormwater planning grant awarded to Ecology Action by the State Water Resources Control Board. Rebates and financial incentives for low impact development projects provided by the Prop 84 stormwater grant will be co-marketed with Green Gardener training opportunities to customers within the California Water Service Company Salinas Valley territory.
Project Objective	Objectives include: 25 landscape industry workers from the Salinas Valley will become Certified Green Gardeners; 100 Salinas Valley residents will participate in bilingual Green Gardener trainings and workshops; 80% of Green Gardener certification training and workshop participants will implement two or more landscape water conservation and/or water quality protective practices after completing training.

Project Benefits Information

Project Objective

Budget

Other Contribution	0
Local Contribution	13631
Federal Contribution	0
Inkind Contribution	7821
Amount Requested	40873
Total Project Cost	54504

Geographic Information

Latitude DD(+/-)

Longitude DD(+/-)

Longitude/Latitude Clarification Location County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed 27 3309 Salinas

Legislative Information

Assembly District	30th Assembly District
Senate District	12th Senate District, 17th Senate District
US Congressional District	District 20 (CA)

Project Information

Project Name	Project 8. Central Coast Wetlands Group: Deployment of the Grea	
Implementing Organization	Coastal Conservation and Research Inc	
Secondary Implementing Organization	Central Coast Wetlands Group: Monterey Bay National Marine	
Proposed Start Date	10/1/2013	
Proposed End Date	10/1/2016	
Project Scope	Manage three water quality monitoring LOBO buoys in key confluences, collect and analyze data throughout the region.	
Project Description	<p>The Salinas Valley comprises a significant portion of the regions drainages and suffers severe water quality problems as identified through the 303d listing process. In response, significant resources are being directed towards improving agricultural irrigation and land management practices, and urban stormwater practices to restore surface water quality. Many organizations and IRWM Plan partners are implementing projects to improve water quality. While we anticipate that the collective results of regional water quality management efforts being undertaken by these partners will lead to improvements in water quality of receiving waters, we currently do not have the robust monitoring systems in place to successfully document these improvements. The Monterey Bay Sanctuary 2008 SAM Report calculated that load reductions would need to exceed 20% of current concentrations before current monitoring programs would document a change in water quality. It is clear that until a monitoring network is constructed and existing data are compiled and analyzed systematically, the Region and State will continue to be unable to document the cumulative improvement to water quality achieved from the projects implemented with State funds. The Central Coast Wetlands Group is requesting IRWM funds to expand and maintain a water quality monitoring network with two primary components: 1) Real time water quality monitoring at key coastal confluence sites at the bottom of three watersheds. This will be done through taking over the management of two existing LOBO monitoring buoys and adding a third to measure hourly changes in various constituents of water quality. 2) Analysis of existing water quality data collected throughout the region necessary to define trends and quantify load reductions. This will be a follow-up to the 2008 SAM study and will lead to a better understanding of current water quality in the region</p>	
Project Objective	<p>The objective is to install a monitoring network capable of demonstrating the cumulative impacts on water quality of work being implemented throughout the region. This information is necessary for the region to implement adaptive management that supports effective management strategies. These strategies will lead to progressive reductions in water quality impairments. The data generated by this monitoring system will provide the base line data needed to better document current pollutant loads.</p>	

Project Benefits Information

Project Objective

Budget

Other Contribution	<input type="text" value="0"/>
Local Contribution	<input type="text" value="232960"/>
Federal Contribution	<input type="text" value="41860"/>
Inkind Contribution	<input type="text" value="13500"/>
Amount Requested	<input type="text" value="644247"/>
Total Project Cost	<input type="text" value="877207"/>

Geographic Information

Latitude DD(+/-)

Longitude DD(+/-) MM SS
 Longitude/Latitude Clarification Location The approximate geographic center of the project lies at the end of the Moro Cojo Slough for the monitoring ma
 County Monterey Ground Water Basin Salinas Valley Hydrologic Region Central Coast WaterShed
 27 3309, 24 3306

Legislative Information

Assembly District	29th Assembly District,30th Assembly District
Senate District	12th Senate District,17th Senate District
US Congressional District	District 20 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

Q1. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles. Please note which projects, if any, directly address a critical water supply or water quality issue for DACs or Native American Tribal communities.

The overall goal of this proposal is to implement a mix of water resource management projects that will provide diverse and multiple benefits to the Greater Monterey Cou IRWM region in terms of water supply, water quality, environmental enhancement, and flood protection. The nine projects in this proposal consist of the following (impleme agency and project title): - County of Monterey: San Lucas Water District Public Water Supply Project [addresses critical water supply issue for DAC] - Pajaro/Sunny Me Community Services District: Springfield Water Project [addresses critical water supply issue for DAC] - City of Salinas and Monterey Regional Water Pollution Control Ag Dry Weather Runoff Diversion Program - Resource Conservation District of Monterey County: Salinas River Watershed Invasive Non-native Plant Control and Restoratic Program - Resource Conservation District of Monterey County: Monterey County Farm Water Quality Assistance Program - Ecology Action: Monterey Bay Green Garder Training and Certification Program - Elkhorn Slough Foundation: Ridgeline to Tideline - Water Resource Conservation in Elkhorn Slough - Central Coast Wetlands Grou Deployment of the Greater Monterey County Regional Water Quality Monitoring Network - Save Our Shores: Watershed Protection Program - Annual Coastal Cleanup Da Monterey County Together these nine projects will provide important and multiple benefits to the region, including increased and improved groundwater in the Salinas Val Groundwater Basin (the primary source of water supply in the region); improved water quality for surface, groundwater, estuarine, and coastal waters, including coastal wate the Monterey Bay National Marine Sanctuary; increased and enhanced habitat and other ecosystem benefits through streambank and salt marsh restoration; enhanced floo protection; better protection against sea level rise and other impacts of climate change through coastal restoration and improved water supply reliability; and increased regio communication and community involvement. Importantly, the proposal addresses critical water resource needs of two disadvantaged communities in the region, providing urg needed drinking water supply for the community of Springfield in northern Monterey County and for the community of San Lucas in southern Salinas Valley. The propos addresses all of the region's seven goals and 57 objectives as outlined in the IRWM Plan, and will implement a diverse array of resource management strategies.

Q2. PROJECT DIRECTOR

Provide the name and details of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

James Oakden, Project Director Coastal Conservation and Research, Inc. PO Box 543 Moss Landing, CA 95039 Phone: (831) 479-0277 Email: joakden@gmail.com

Q3. PROJECT MANAGEMENT

Provide the name and contact information of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Jane M. Oliver, Assistant Administrator Coastal Conservation and Research, Inc. PO Box 543 Moss Landing, CA 95039 Phone: (831) 331-3292 Email: janeoliverccr@gmail

Q4. APPLICANT INFORMATION

Provide the agency name, address, city, state and zip code of the applicant submitting the application.

Coastal Conservation and Research, Inc. PO Box 543 Moss Landing, CA 95039

Q5. ADDITIONAL INFORMATION

Provide the IRWM funding area(s) in which projects are locate.

Visit the following website to locate the IRWM funding area(s).

<http://www.water.ca.gov/irwm/grants/fundingarea.cfm>

Central Coast Funding Area

Q6. DAC WAIVER COST SHARE REQUEST:

Are you applying for a DAC cost share waiver? If yes, complete attachment 10.

Yes

Q7. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD(S) (RWQCB)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

Visit the following website to find the RWQCB for a particular location:

http://www.waterboards.ca.gov/waterboards_map.shtml

The Greater Monterey County IRWM region is located entirely within the Central Coast RWQCB region (Region 3).

Q8. ELIGIBILITY

The Implementation Grant Program requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit E of this PSP. Are your matching funds less than 25%? If so, please explain.

The proposal provides a 21% non-State funding match, in total. However, two of the nine projects contained in the proposal will address critical water resource needs of disadvantaged communities, and a waiver for the match requirement has been requested for these projects (please see Attachment 10). Not counting these two DAC projects proposal provides a 27% non-State match.

Q9. ELIGIBILITY

Does the application represent a single application from an IRWM Region approved in the RAP? To verify, see RAP website: <http://www.water.ca.gov/irwm/grants/rap.cfm> If yes, include the name of the IRWM Region. If no, please explain.

Yes, the application represents a single application from an IRWM Region approved in the RAP. The name of that planning region is the Greater Monterey County IRWM re

Q10. ELIGIBILITY

Please specify whether the applicant is a local public agency or non-profit organization as defined in Appendix B of the 2012 Guidelines.

The applicant, Coastal Conservation and Research, is a local non-profit organization as defined in Appendix B of the 2012 Guidelines.

Q11. ELIGIBILITY

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and e-mail address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420, see Attachment 11. Answer "NA", if there are no urban water suppliers that will receive funding from the proposed grant.

None of the project proponents included in this proposal meet the definition of "urban water supplier."

Q12. ELIGIBILITY

Have all of the urban water suppliers, listed in Q11 above, submitted complete Urban Water Management Plans (UWMPs), to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP.

Answer "NA" if no urban water supplier identified in Q11 above.

NA

Q13. ELIGIBILITY

Have any urban water suppliers, listed in Q11, submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program on or after January 1, 2013? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the 2012 Guidelines for additional information.

Answer "NA" if no urban water supplier identified in Q11 above.

NA

Q14. ELIGIBILITY

Does the Proposal include any groundwater projects or other projects that directly affect groundwater levels or quality? If so, provide the name(s) of the project(s) and list the agency(ies) that will implement the project(s).

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

Yes. The projects that will affect groundwater levels or quality, directly or indirectly, include the following (implementing agency/project title): - County of Monterey: "San I Water District Public Water Supply Project": This project will use groundwater to meet critical water supply needs of a disadvantaged community. - Pajaro/Sunny Mesa Community Services District: "Springfield Water Project": This project will use groundwater to meet critical water supply needs of a disadvantaged community. - City of Salinas/Monterey Regional Water Pollution Control Agency: "Dry Weather Runoff Diversion Program": This project may positively affect groundwater levels. Dry weather runoff from the City of Salinas will be captured and, if treated for use as a source for agricultural irrigation, will offset pumping from the Salinas Valley Groundwater Basin thereby helping to reduce seawater intrusion in the coastal region. - Elkhorn Slough Foundation: "Ridgeline to Tideline - Water Resource Conservation in Elkhorn Slough": This project will reduce groundwater demand by retiring steep, eroding, marginal fields from agricultural production and will increase groundwater recharge to underlying aquifer restoring vegetation that can increase infiltration. - Resource Conservation District of Monterey County: "Salinas River Watershed Invasive Non-native Plant Control and Restoration Program": This project will positively affect groundwater levels by eliminating groundwater uptake from the non-native invasive plant species, particularly Arundo donax, in the Salinas River watershed. Arundo is documented to draw more water than native vegetation, and its removal will make more water available for conveyance downstream, for groundwater recharge, and for native plants. - Resource Conservation District of Monterey County: "Monterey County Farm Water Quality Assistance Program": This project will positively affect groundwater levels by improving irrigation management practices on farms throughout the Salinas Valley and thereby reducing pumping from the Salinas Valley Groundwater Basin. The project will help increase groundwater quality by improving the quality of water moving from agricultural land into the water table. - Ecology Action: "Monterey Bay Green Gardener Training and Certification Program": This project will positively affect groundwater levels by improving irrigation management practices by landscaping industry professionals, public agency landscape maintenance staff, and home gardeners throughout the Salinas Valley. Green Gardener Certification Program participants who implement climate appropriate landscaping, irrigation efficiency improvements and decentralized water reuse projects in residential and commercial landscapes will reduce groundwater demand for landscaping and thus contribute to reducing overdraft from the Salinas Valley Groundwater Basin.

Q15. ELIGIBILITY

For the agency(ies) listed in Q14, how has the agency complied with CWC §10753 regarding Groundwater Management Plans (GWMPs), as described in Section III.B of the 2012 Guidelines?

Answer "NA" if the Proposal does not include groundwater projects or other projects that directly affect groundwater levels or quality.

All of the projects listed in Q14 reside in the Salinas Valley Groundwater Basin except for the "Springfield Water Project," which will use water from the Pajaro Valley Groundwater Basin. All of the projects that reside in the Salinas Valley Groundwater Basin are subject to the Monterey County Groundwater Management Plan (GWMP) approved May 2006, that has been prepared and implemented by the Monterey County Water Resources Agency. The Monterey County GWMP is in compliance with CWC Section 10753.7. All projects that reside in the Pajaro Valley Groundwater Basin are subject to the Pajaro Valley Water Management Agency's Basin Management Plan, which adopted in February 2002. The Pajaro Valley Water Management Agency Basin Management Plan is in compliance with CWC Section 10753.7. That document is currently updated and will be completed by the end of the year.

Q16. ELIGIBILITY

Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta? Please answer yes or no. If no, please explain.

No, the Greater Monterey County IRWM region does not receive water supplied from the Sacramento-San Joaquin Delta. All water used in the region is derived primarily from within the region itself, or from watersheds and groundwater basins immediately adjacent on the Central Coast. The main source of water for most water users in the planning region is groundwater, primarily from the Salinas Valley Groundwater Basin and to a much smaller extent, from the Pajaro Valley Groundwater Basin. The only exceptions are the Big Sur coastal area, where residents depend entirely on surface water and shallow wells for their water supply, and in an area near Greenfield in the Salinas Valley, where residents use water supplied from a diversion from the Arroyo Seco River.

Q17. ELIGIBILITY

Does the existing IRWM Plan help reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete attachment 13.

NA

Q18. ELIGIBILITY

If an update to the IRWM plan will take place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 13.

NA

Q19. ELIGIBILITY

List the agricultural water suppliers that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

There are no agricultural water suppliers that will receive funding from the proposed grant.

Q20. ELIGIBILITY

Have all of the agricultural water suppliers, listed in Q19 above, submitted complete Agricultural Water Management Plan to DWR? Have those plans been verified as complete by DWR? If the plan has not been submitted, please indicate the anticipated submittal date.

Answer "NA" if no agricultural water suppliers identified in Q19 above.

NA

Q21. ELIGIBILITY

List the surface water diverters that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

There are no surface water diverters that will receive funding from the proposed grant.

Q22. ELIGIBILITY

Have all of the surface water diverters, listed in Q21 above, submitted to the State Water Resources Control Board surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no surface water diverters identified in Q21 above.

NA

Q23. ELIGIBILITY

List the groundwater users that will receive funding from the proposed grant. Please provide the agency/organization name, a contact phone number and e-mail address. If there are none, please indicate so.

City of Salinas Contact: Michael Ricker, Environmental Resource Planner Phone: (831) 758-7450 Email: mikeri@ci.salinas.ca.us Elkhorn Slough Foundation Contact: Mark Silberstein, ESF Executive Director Phone: (831) 728-5939 Email: marksilberstein@elkhornslough.org Pajaro/Sunny Mesa Community Services District Contact: Judy Vazquez Phone: (831) 722-1389 Email: p.judyvazquez@att.net County of Monterey Resource Management Agency Contact: G.H. Nichols, PE Phone: (831) 755-5386 Email: NicholsN@co.monterey.ca.us

Q24. ELIGIBILITY

Have all of the groundwater users, listed in Q23 above, met the requirements of DWR's CASGEM Program:

<http://www.water.ca.gov/groundwater/casgem/>? If not, explain and provide the anticipated date for meeting the requirements.

Answer "NA" if no groundwater users identified in Q23 above.

The Monterey County Water Resources Agency (MCWRA) has assumed responsibility for the CASGEM Program for all of Monterey County, which covers the groundwater listed in Q23. Data from MCWRA's monitoring wells are anticipated to be entered into the CASGEM Program by the end of the calendar year 2013.

Section : Application Attachments Tab**APPLICATION ATTACHMENTS TAB****ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS**

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload authorization and eligibility documentation here. This field is mandatory.

Last Uploaded Attachments: Att1_IG2_Eligible.zip

Upload additional authorization and eligibility documentation here, if necessary.

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload adopted plan and proof of formal adoption documentation here. This field is mandatory.

Last Uploaded Attachments: Att2_IG2_Adopt.zip

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

Upload additional adopted plan and proof of formal adoption documentation here, if necessary.

ATTACHMENT 3: WORK PLAN

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload work plan documentation here. This field is mandatory.

Last Uploaded Attachments: Att3_IG2_WorkPlan_1of1.pdf

Upload additional work plan components here, if necessary.

ATTACHMENT 4: BUDGET

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload budget documentation here. This field is mandatory.

Last Uploaded Attachments: Att4_IG2_Budget.zip

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

Upload additional budget components here, if necessary.

ATTACHMENT 5: SCHEDULE

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload schedule documentation here. This field is mandatory.

Last Uploaded Attachments: Att5_IG2_Schedule_1of1.pdf

Upload additional schedule components here, if necessary.

Upload additional schedule components here, if necessary.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload monitoring, assessment, and performance measures documentation here. This field is mandatory.

Last Uploaded Attachments: Att6_IG2_Measures_1of1.pdf

Upload additional monitoring, assessment, and performance measures here, if necessary.

Upload additional monitoring, assessment, and performance measures here, if necessary.

ATTACHMENT 7: TECHNICAL JUSTIFICATION OF PROJECT PHYSICAL BENEFITS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload technical justification of project physical benefits documentation here. This field is mandatory.

Last Uploaded Attachments:

Att7_IG2_TechJust_2of5.zip,Att7_IG2_TechJust_3of5.zip,Att7_IG2_TechJust_4of5.zip,Att7_IG2_TechJust_5of5.zip,Att7_IG2_TechJust_1of5.pdf

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

Upload additional technical justification of project physical benefits here, if necessary.

ATTACHMENT 8: BENEFITS AND COST ANALYSIS

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload benefits and cost analysis documentation here. This field is mandatory.

Last Uploaded Attachments: Att8_IG2_BenCost_1of1.pdf

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

Upload additional benefits and cost analysis documentation here, if necessary.

ATTACHMENT 9: PROGRAM PREFERENCES

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload program preferences documentation here. This field is mandatory.

Last Uploaded Attachments: Att9_IG2_Preference_1of1.pdf

Upload additional program preferences documentation here, if necessary.

ATTACHMENT 10: DISADVANTAGED COMMUNITY ASSISTANCE

This attachment is required only if the proposal includes a project that specifically addresses a need of a DAC. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload disadvantaged community assistance documentation here. This field is mandatory.

Last Uploaded Attachments: Att10_IG2_DAC_1of1.pdf

Upload additional disadvantaged community assistance documentation here, if necessary.

Upload additional disadvantaged community assistance documentation here, if necessary.

ATTACHMENT 11: GWMP, AB 1420, AND WATER METER COMPLIANCE INFORMATION

If your proposal does not include 1) a groundwater project or a project that directly affects groundwater levels or quality, or 2) an urban water supplier who would receive grant funding, you MUST still upload a document that indicates this attachment is not applicable to your proposal. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload GWMP, AB1420, and water meter compliance documentation here. This field is mandatory.

Last Uploaded Attachments: Att11_IG2_SelfCert_1of1.pdf

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

Upload additional GWMP, AB1420, and water meter compliance information documentation here, if necessary.

ATTACHMENT 12. CONSENT FORM

This attachment is required only if the proposal is utilizing an IRWM Plan that was adopted on or before September 30, 2008. The Consent Form contained in Exhibit F of the PSP must be signed and submitted in hard copy. Please refer to PSP for more information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the signed consent form here. This field is mandatory.

Last Uploaded Attachments: Att12_IG2_Consent_1of1.pdf

ATTACHMENT 13: IRWM PLAN - REDUCED DELTA WATER DEPENDENCE

This attachment is required only if the IRWM region receives water supplied from the Sacramento-San Joaquin Delta. Attachment 13 must summarize the portions of the plan that address how implementation of the IRWM Plan will help reduce dependence on the Sacramento-San Joaquin Delta for water supply, and include relevant plan excerpts to support the summary. Please refer to PSP for detail information.

If this attachment does not apply to your proposal, you MUST still upload a document that indicates this attachment is not applicable. If the upload field to this attachment is left blank, your proposal cannot be saved or completed.

Ensure file name is consistent with Section V of the P84 Round 2 Implementation PSP.

Upload the summary of IRWM Plan here. This field is mandatory.

Last Uploaded Attachments: Att13_IG2_Delta_1of1.pdf
