

Watersheds Coalition of Ventura County



Integrated Regional Water Management Plan

2006

2010 Administrative Addendum

2010 Administrative Addendum

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1. OVERVIEW OF PROCESS AND PROJECTS

a. Introduction

In 2006, the Watersheds Coalition of Ventura County (WCVC) adopted the first WCVC Integrated Regional Water Management Plan (IRWM Plan). More than 30 entities, including all 10 cities as well as water districts, special districts, the County, and other entities adopted the IRWM Plan. The existing IRWM Plan conforms to the Proposition 50 IRWM Plan Standards.

Beginning in 2011, the WCVC will oversee preparation of an update to the IRWM Plan to address changes that have occurred since 2006 and to bring the Plan into compliance with the Proposition 84 IRWM Plan Standards. The existing IRWM Plan is a guiding document for water management programs and projects being implemented throughout the WCVC IRWM Region (Region).

As stated in the Plan, "The IRWM Plan is a dynamic planning document. There will be an ongoing process for keeping this proposed project list up-to-date, through regular updates with additional revision as needed before major grant applications, as conditions change, funding is identified, projects are implemented and objectives revised."

The purpose of this 2010 Administrative Addendum to the WCVC IRWM Plan is to add new projects not included in the 2006 IRWM Plan and to provide greater detail regarding concept projects which are now ready for funding and implementation. The 2006 adopted WCVC IRWM Plan listed potential near-term and long-term integrated implementation projects in Section 6, while Appendix G of the IRWM Plan identified additional proposed projects and concepts for projects for future consideration. Some of these projects are now in the planning or implementation phase and have been further developed as the result of both project proponent initiative and a stakeholder planning process. These additional integrated implementation projects were developed to address the IRWM Plan objectives and help meet the Region's water and water-related needs and to resolve water management conflicts.

This 2010 Administrative Addendum to the IRWM Plan has been prepared and approved in accordance with the process outlined in the WCVC Charter and Section 6.2c of the 2006 IRWM Plan (see excerpt below).

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Section 6.2c - Proposed Future Projects

“Process For Developing Additional Project Ideas for Future Implementation

The WVCV has begun the process of recommending future projects and project concepts to help achieve the objectives of this IRWMP. Appendix G contains a list of future specific projects and conceptual projects, some of which were developed several years ago and others more recently, that need to be further analyzed and coordinated with the sponsoring agencies. These projects will be tied to specific water management strategies, and will address long-term needs and objectives in each of the Watersheds.

Early in 2007 the WVCV will begin the process of reviewing and prioritizing the proposed projects and project concepts. They will be reviewed at the watershed level, through the Watershed Committees, for how well they meet watershed objectives, water management strategies and other identified priorities. These projects will also be assessed for how well they are integrated within and across watersheds to provide multiple benefits. A database has been developed for all projects to display and manage this information.

2007 IRWM Plan Addendum

By June of 2007¹, the WVCV will release the first update to the IRWMP, in the form of an addendum, which will include the projects selected for future implementation and the potential funding sources. The addendum will include all projects which have been assessed and prioritized, by the watershed committees and the WVCV.

The IRWM Plan is a dynamic planning document. There will be an ongoing process for keeping this proposed project list up-to-date, through regular bi-annual updates with additional revision as needed before major grant applications, as conditions change, funding is identified, projects are implemented and objectives revised.”

b. Process to Develop Addendum

Overview:

The process for adding projects to the WVCV IRWM Plan, and including them in subsequent proposals for funding, is detailed in Section 6.2c of the adopted 2006 IRWM Plan. These projects were reviewed by stakeholders in the three watershed committees, the Steering Committee and the General Membership as detailed in the section that follows. Once the final suite of projects was selected and approved, this Addendum was

¹ The WVCV did not prepare an IRWM Plan Update in 2007 as planned due to delays in the release of Proposition 84 IRWM Funding Guidelines.

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prepared to formally add those projects not included in the 2006 WVCV IRWM Plan to the IRWM Plan.

Details of the Stakeholder Process:

The process to develop the Administrative Addendum began in 2009 with a call for projects in each watershed. Project proponents prepared and submitted detailed project input forms that contained information about the project, including how it was consistent with the WVCV IRWM Plan. The project input forms are found in Appendix 1 to this Administrative Addendum. Each of the three watershed committees reviewed the project input forms for their watersheds, and heard presentations from the project proponents. Each project was considered ready to implement, met the criteria for Proposition 84 IRWM funding, and also met multiple objectives in the WVCV IRWM Plan. The Proposition 84 Guidelines include criteria, which were used to evaluate the projects. These criteria require that the projects be well-integrated, address water management needs in the WVCV IRWM Region, meet statewide priorities and program preferences, address the needs of local DACs, improve water use efficiency, and be otherwise consistent with the WVCV IRWM Plan.

In August 2010, each of the watershed committees met to review the project input forms and finalize and prioritize their list of projects to be considered by the WVCV Steering Committee for inclusion in the Proposition 84 Implementation Grant proposal. On August 25, 2010, each project proponent made a presentation to the Steering Committee (comprised of two members from each of the three watershed committees) about their project(s). A total of 17 projects were considered and are included in the Addendum to the WVCV IRWM Plan.

On September 14, 2010 the Steering Committee unanimously agreed to recommend 9 of the 17 projects for inclusion in the final suite of projects for the Implementation Grant proposal. On September 16, 2010 the WVCV General Membership unanimously agreed to approve the suite of 9 projects for inclusion in the Implementation Grant proposal as described in the meeting summary provided in Appendix 2. Subsequently one project (Regional Project R-2 - Agricultural BMP Implementation Project) was withdrawn by the project proponent. Table 1 provides a summary of the WVCV stakeholder actions regarding project selection.

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Table 1
Project Addition and Approval Milestones

Committee	Action	Date Action Taken
Watersheds Coalition of Ventura County - General Membership	Initiate call for projects	Fall 2009
All Watershed Committees	Review Proposed Projects	Spring/Summer 2010
Calleguas Creek Steering Committee	Approve list of projects for the watershed for Steering Committee consideration	August 18, 2010
Santa Clara River Watershed Committee	Approve list of projects for the watershed for Steering Committee consideration	August 19, 2010
Ventura River Watershed Council	Approve list of projects for the watershed for Steering Committee consideration	August 24, 2010
WCVC Steering Committee	Recommend Action on Suite of Projects	September 14, 2010
WCVC General Membership	Approve Final Suite of Projects Approve/Direct Staff to prepare Administrative Addendum to IRWM Plan	September 16, 2010

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c. Summary of 17 Projects Included in Addendum

Seventeen projects were reviewed by the WVCV and included in this Addendum (see Table 2). These 17 projects include all the projects considered for funding in Round One of the Proposition 84 Implementation Grant. As indicated in the table, most of these projects are included in the 2006 WVCV IRWM Plan Section 6 as near-term, or long-term projects, or in Appendix G as proposed future projects or concept projects.

These projects were reviewed by stakeholders in the three watershed committees, the Steering Committee and the General Membership. Subsequent to the selection and approval of the final suite of projects, the Administrative Addendum was prepared to add those projects not included in the adopted 2006 WVCV IRWM Plan to the IRWM Plan. Another purpose of the Addendum is to provide more detailed information for the projects that were included in the 2006 IRWM Plan as concept projects, but were lacking specific detail.

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TABLE 2 – PROJECTS PROPOSED FOR FUNDING AND STATUS OF INCLUSION IN THE IRWM PLAN

WCVC IRWM Plan Project	Project Summary	Project in Adopted IRWM Plan	Proposed Future Projects/Concept in Adopted IRWM Plan	Added to IRWMP Plan through Addendum Process
<p>City of Oxnard (Oxnard) Ventura County Regional Urban Landscape Efficiency (VC-RULE) (R-1)</p>	<p>VC-RULE is a partnership of nine agencies seeking to optimize irrigation practices and systems in the region by implementing landscape water use efficiency audits and improvements. This will translate to water savings and increased water supply reliability for Ventura County.</p>			✓
<p>Ventura County Farm Bureau Agricultural Water Efficiency Surveys - BMP Implementation (R-2)</p>	<p>This project involves conducting surveys of irrigation systems to assess distribution uniformity followed by irrigation improvements which will lead to more efficient water use and reduced irrigation runoff. Reducing agricultural runoff is a key component of the Regional Board's implementation of Total Maximum Daily Loads (TMDLs) and compliance with conditional waiver for irrigated agricultural production.</p>			✓
<p>Camrosa Water District (Camrosa) Round Mountain Desalter (C-13)</p>	<p>Round Mountain Desalter will treat local brackish groundwater using reverse osmosis technology to provide up to 1 million gallons per day (MGD) of a new source of potable water, improve local supply reliability, and reduce Camrosa's purchases of imported water by approximately 10 percent.</p>		✓	

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WCVC IRWM Plan Project	Project Summary	Project in Adopted IRWM Plan	Proposed Future Projects/Concept in Adopted IRWM Plan	Added to IRWMP Plan through Addendum Process
Calleguas Municipal Water District (Calleguas) Salinity Management Pipeline (SMP) Phase 2A (C-14)	Phase 2A of the SMP will extend the existing regional pipeline for collection and transfer of salty water by an additional 12,000 linear feet, allowing for concentrate discharge from potential future agricultural desalters and wet season discharge from the CamSan Recycled Water Interconnection.		✓	
Camarillo Sanitary District (CamSan)/Camrosa Recycled Water (RW) Interconnection (C-15)	The Recycled Water Interconnection will be 9,600 feet of 24-inch pipeline to link CamSan's water reclamation plant to the Camrosa storage ponds and the Calleguas SMP. This will allow up to 6.75 MGD of recycled water to be distributed to CamSan and Camrosa's customers from both the pipeline and the storage ponds.		✓	
Camrosa Expansion of Non-Potable Water System (C-16)	Expansion of Camrosa's existing non-potable distribution system easterly into Santa Rosa Valley and westerly above Potrero Road will reduce dependence on imported water supplies and associated salt imports. The proposed expansion is phased with an ultimate substitution of 1,000 acre-feet of potable water with non-potable supplies.		✓	
Ventura County Waterworks District No. 1 Moorpark Desalter (C-17) Previously C-4	The Moorpark Desalter would reclaim brackish groundwater in the South Las Posas Basin to help comply with Salts TMDLs, reduce dependence on imported	✓		

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WCVC IRWM Plan Project	Project Summary	Project in Adopted IRWM Plan	Proposed Future Projects/Concept in Adopted IRWM Plan	Added to IRWMP Plan through Addendum Process
	water supplies, reduce groundwater quality degradation threatening groundwater storage credits in the Calleguas aquifer storage and recovery facility, and as part of a coordinated water resource management plan could facilitate the capture higher quality stormwater inflows by creating groundwater storage space in the shallow unconfined aquifers recharged by the Arroyo Las Posas.			
Ventura County Waterworks District No. 8 West Simi Water Recycling Project (C-18)	The West Simi Water Recycling Project includes construction of operational storage, distribution pipelines and a pump station to extend recycled water service to large irrigation and industrial users in Simi Valley.	✓		
Mountains Recreation and Conservation Authority Borchard Wetlands Acquisition (C-19)	Acquisition of Borchard Wetlands property would facilitate permanent habitat protection and public educational access, water quality improvement and groundwater recharge.			✓

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WCVC IRWM Plan Project	Project Summary	Project in Adopted IRWM Plan	Proposed Future Projects/Concept in Adopted IRWM Plan	Added to IRWMP Plan through Addendum Process
<p>The Nature Conservancy (TNC) Natural Floodplain Protection Program (NFPP) (SC-7)</p>	<p>Implementation of the NFPP will preserve a critical section of the remaining undeveloped 500-year floodplain in the Santa Clara River Watershed by acquiring property easements to preclude development. Acquisition of these easements will provide downstream flood benefits by allowing flooding to occur upstream in the watershed.</p>	<p>✓</p>		
<p>United Water Conservation District (UWCD) Seawater Barrier Pilot Well (SC-9)</p>	<p>The approximately 1,200 feet deep Seawater Barrier Pilot Well will be installed to gain valuable information regarding aquifer effects and benefits through injection of up to 1,000 gallons per minute of potable water for up to 5 years. Additional wells may be added in the future to provide additional barriers to seawater intrusion through injection of potable and/or recycled water treated with reverse osmosis.</p>		<p>✓</p>	
<p>Ventura County Waterworks District No. 16 (VCWWD No. 16) Piru Treatment Plant Tertiary Upgrade (SC-10)</p>	<p>The Piru Treatment Plant Tertiary Upgrade will provide additional tertiary treatment such that the recycled water is suitable for reuse for irrigation. The new system will eliminate the existing percolation ponds, eliminating a concentrated source of groundwater salinity.</p>		<p>✓</p>	

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WCVC IRWM Plan Project	Project Summary	Project in Adopted IRWM Plan	Proposed Future Projects/Concept in Adopted IRWM Plan	Added to IRWMP Plan through Addendum Process
<p>Oxnard Recycled Water Backbone-Hueneme Transmission East, Phase 1 (SC-11)</p>	<p>The project includes construction of a recycled water transmission line from the Oxnard's Advanced Water Purification Facility, to deliver up to 5,000 acre-feet of non-potable water for agricultural use, potential seawater barrier injection, or industrial uses on the Oxnard plain. The recycled water will offset pumping from overdrafted groundwater aquifers and help address seawater intrusion into the groundwater aquifers underlying the Oxnard Plain.</p>		<p>✓</p>	
<p>Ojai Valley Land Conservancy (OVLC) Ojai Meadows Ecosystem Restoration Final Phase (V-5)</p>	<p>Ojai Meadows Ecosystem Restoration will remove non-native species and revegetate 41 acres of upland and transitional habitats in the Ojai Meadows Preserve for improved wildlife habitat. The restoration will also stabilize lands that drain to the wetlands that were developed in the prior phase of the project.</p>	<p>✓</p>		

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WCVC IRWM Plan Project	Project Summary	Project in Adopted IRWM Plan	Proposed Future Projects/Concept in Adopted IRWM Plan	Added to IRWMP Plan through Addendum Process
Ventura Hillside Conservancy Lower Ventura River Habitat Restoration and Enhancement (V-7)	The Lower Ventura River Habitat Restoration project involves acquiring land and conservation easements in the 100-year floodplain along lower reaches of the river. This project will also include habitat restoration and enhancement along the lower five miles of the Ventura River up to and including the estuary.	✓		
Casitas Municipal Water District Seismic Retrofit of Reservoir Tank (V-9)	This project involves retrofitting two reservoir tanks so they are earthquake safe, thus averting possible water losses and/or loss of service to customers in the event of an earthquake that damages or destroys the tanks.			✓
OVLC Rice Creek Realignment and Enhancement (V-10)	This project on the OVLC's Ventura River Preserve would return Rice Creek to its approximate historical location from its current channelized location. The project will add over 1,500 feet of new riparian habitat on the site and reestablish floodplain connections and buffer habitats. This project will help shade the water to keep it cool and reduce algal blooms, reduce sedimentation in the Rice Creek and the Ventura River via erosion control, increase the numbers and variety of wildlife, and act as infiltration areas to support water storage for the Ventura River.			✓

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d. Consistency with IRWM Plan Objectives

The projects included in this Addendum have been reviewed for consistency with the 2006 WCVC IRWM Plan Objectives. Please see Table 3 for a checklist of projects and their consistency with IRWM Plan Objectives. Objective #1 was divided into two columns in order to emphasize projects that reduce dependence on imported state water.

Section 4 of the 2006 WCVC IRWM Plan identified five major objectives, listed and summarized in the excerpt below, to provide guidance in selecting and prioritizing implementation projects.

“WCVC IRWM Plan Objectives:

1. Reduce dependence on imported water and protect, conserve and augment water supplies.

The Region’s water supply comes primarily from two sources; surface flows and groundwater. Calleguas Municipal Water District imports State Water, which is supplied to the Cities within its boundaries. The primary issue with surface flow is capturing and storing the annual storm flows, either by surface storage in lakes or reservoirs or through groundwater basin recharge. Key concerns with groundwater supplies are maintaining the supply, through recharge, protecting groundwater basins from pollution, and improving the quality of the groundwater, which is naturally high in Total Dissolved Solids (TDS). Water supply issues also include providing the infrastructure to collect, treat, store, and transport the water, and the need to provide back-up systems that will protect water users from the Region’s periodic droughts. Last but not least, implementation of this goal includes measures to use existing water supplies more efficiently.

2. Protect and improve water quality.

Water quality issues are closely related to water supply, since the water supplies must be of sufficient quality to permit the use of the water for its intended purpose. As noted above, specific water quality issues involve reducing or avoiding pollution from urban and agricultural uses and treating groundwater to eliminate the naturally high TDS levels.

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3. Protect people, property, and the environment from adverse flooding impacts.

Management of floodwater flows is intricately involved with water supply and environmental habitat protection/ecosystem restoration, as floodwaters are retained to provide for wetlands and natural habitats and to recharge groundwater basins. Land use measures to control the types and intensities of development that occur in flood-prone areas are key. One approach to this is through widely applicable land use restrictions. A second approach is to acquire strategically situated properties, remove inappropriate land uses, and establish natural habitats where surface waters can be naturally filtered and allowed to disperse into the groundwater basins. Both of these approaches reduce the need for expensive flood control structures. To the extent flood water can be diverted, captured and treated it solves water quality challenges and creates new supply.

4. Protect and restore habitat and ecosystems in watersheds.

The use of water supplies to protect natural habitat and restore ecosystems is being accepted as a need equivalent to urban and agricultural uses. In fact, these uses are interrelated as wetlands may often function to filter out urban and particularly agricultural pollutants, and to provide groundwater recharge. Within the Region, this goal involves identifying and prioritizing important natural habitats and ecosystems for restoration and preservation, while factoring in additional considerations such as floodwater management and groundwater recharge.

5. Provide water-related recreational, public access, and educational opportunities.

Effective water resource management can also provide additional recreational benefits that foster respect and understanding of the region's water supply and water quality needs. Ventura County is bounded on one side by the Pacific Ocean, and residents have ample ocean-related recreational opportunities in their backyard, however, there are additional opportunities for swimming, hiking, biking, and/or boating in and along the region's fresh water reservoirs, rivers and streams that could help encourage greater stewardship of the region's watersheds. Access to these resources can offer significant educational opportunities and create public awareness about the environment and water-dependent habitats and species."

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Table 3 Consistency with WVCV IRWM Plan Objectives

Project #	Implementation Projects	Reduce dependence on Imported Water	Protect, conserve, and augment water supplies	Protect and improve water quality	Protect people, property and environment from adverse flooding impacts	Protect and restore habitat and ecosystems	Provide water related public access, recreational and educational opportunities
R-1	Ventura County Regional Urban Landscape Efficiency Program	✓	✓	✓			
R-2	Agricultural Water Efficiency Surveys - BMP Implementation	✓	✓	✓			
C-13	Round Mountain Desalter	✓	✓	✓		✓	
C-14	Calleguas Regional Salinity Management Pipeline, Phase 2A	✓	✓	✓		✓	
C-15	CamSan/Camrosa Recycled Water Interconnection	✓	✓	✓			
C-16	Expansion of Non-Potable Water System	✓	✓	✓			
C-17 (previously C-4)	Moorpark Desalter	✓	✓	✓			
C-18	West Simi Water Recycling Project	✓	✓	✓			
C-19	Borchard Wetlands Acquisition					✓	✓
SC-7	Natural Floodplain Protection Program			✓	✓	✓	✓
SC-9	Seawater Barrier Pilot Well	✓	✓	✓			

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SC-10	Piru Treatment Plant Tertiary Upgrade		✓	✓			
SC-11	Recycled Water Backbone-Hueneme Transmission East, Phase 1	✓	✓	✓			
V-5	Ojai Meadows Ecosystem Restoration Final Phase		✓	✓	✓	✓	✓
V-7	Lower Ventura River Habitat Restoration and Enhancement				✓	✓	✓
V-9	Seismic Retrofit of Reservoir Tank		✓		✓		
V-10	Rice Creek Re-alignment and Enhancement			✓	✓	✓	✓

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SECTION 2.0 – PROJECT INFORMATION

This section contains further detail regarding the eight projects included in the Proposition 84 Implementation Grant proposal and the nine additional projects reviewed by the WCVC for possible future implementation. While some of these projects are already included in the 2006 WCVC IRWM Plan, they are included in the Addendum for reference and because there have been minor revisions since the time the descriptions were included in the Plan.

a. Projects Included in Proposition 84 Implementation Grant Proposal

C-13 Camrosa Round Mountain Desalter

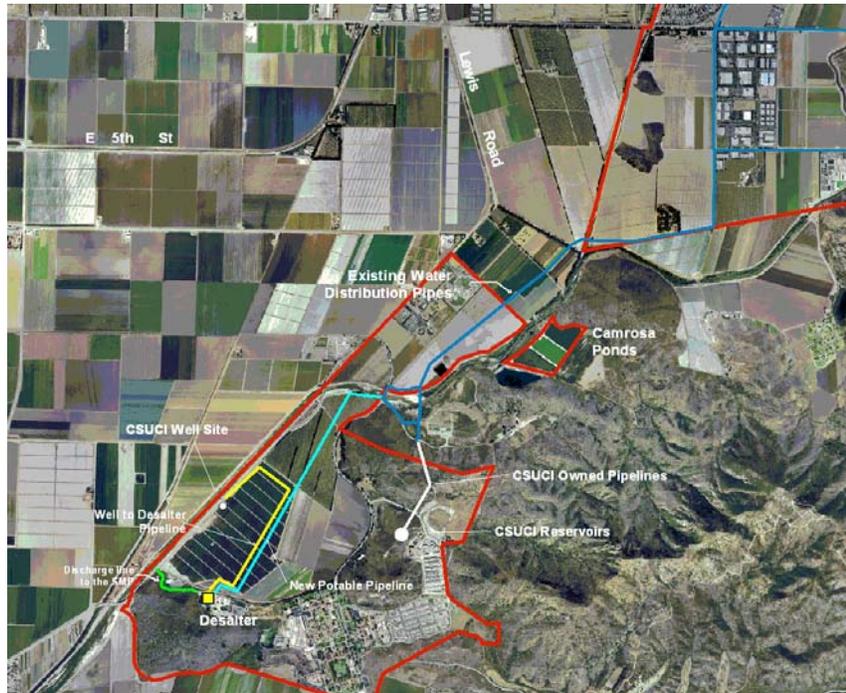
The Camrosa Water District (Camrosa) plans to construct the Round Mountain Desalter to treat local brackish groundwater using reverse osmosis (RO) technology. This will provide a new source of potable water for Camrosa, improving local supply reliability and allowing Camrosa to reduce purchases of water imported from the State Water Project (SWP) by approximately 10 percent. By removing salts from groundwater, the project will also effectively remove salts from the Calleguas Creek Watershed (Watershed) in compliance with the TMDL.

Groundwater to be treated at the Round Mountain Desalter will be pumped from an existing well on California State University Channel Islands (CSUCI) property both of which are shown on Figure 1. The treatment plant itself will be constructed on land owned by Camrosa, off South Lewis Road near the CSUCI campus. The Round Mountain Desalter will desalt 1 million gallons per day (MGD) of brackish groundwater that would otherwise not be suitable for municipal water use, and will produce about 1,000 acre-feet per year (AFY) of potable water. The high-quality potable water produced by the desalter will support anticipated growth of the CSUCI campus and will also provide a secondary local water supply to CSUCI in the event of an emergency.

Treatment of 1 MGD of brackish water will extract up to 3,000 tons of salt per year from the Watershed. The concentrate produced as a by-product of the RO process will be discharged to the Salinity Management Pipeline (SMP) that is under construction by the Calleguas Municipal Water District (Calleguas). The SMP is critical to the Camrosa Round Mountain Desalter because the SMP will carry the concentrate to an ocean outfall for discharge, or to recycled water users for beneficial reuse.

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Figure 1 – Location of Round Mountain Desalter



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C-14 Calleguas Regional Salinity Management Pipeline, Phase 2A

Historic and ongoing urbanization and agricultural activities in the Calleguas Creek Watershed have resulted in accumulation of salts in soils, surface water, and groundwater within this basin. Over time, the salts have become increasingly concentrated and much of the local groundwater can no longer be used due to salt-related water quality concerns. The salts have become a serious enough problem for the Regional Water Quality Control Board (RWQCB) to list Calleguas Creek and its tributaries as “impaired,” triggering development of TMDLs for numerous constituents. To meet TMDLs and protect the basin from further increases in salinity, as well as restore groundwater for use as a drinking water supply, Calleguas in collaboration with other agencies and stakeholders, has initiated the SMP. The SMP is a regional pipeline that will facilitate collection and transfer of salty water produced as a by-product of brackish groundwater desalting, conventional treated wastewater, and various saline industrial waste streams to locations where appropriate reuse can occur. For example, beneficial uses of the water may be identified for certain kinds of agriculture or wetlands. Any unused salty water will be safely discharged to the ocean, where natural salt levels are much higher.

Significant portions of the SMP have already been completed, as shown on Figure 2. To date, approximately 7 miles of 48-inch pipeline have been constructed (Phases 1A through 1D), along with an ocean outfall for discharge. The final 2 miles of Phase 1 (Phase 1E) are currently under construction and scheduled for completion in 2011.

Phase 2A will consist of approximately 12,000 linear feet of 30-inch diameter pipe that will extend the SMP further into the Calleguas Creek Watershed to reach additional users. It will connect to the upstream end of the SMP Phase 1D, which terminated just north of the Camrosa Water Reclamation Facility’s access road. From this point, the pipeline alignment will run in the now-abandoned Old Lewis Road, parallel to Calleguas Creek, to its end near the bridge. Then it will run in easements adjacent to (new) Lewis Road, north and eastward across agricultural properties.

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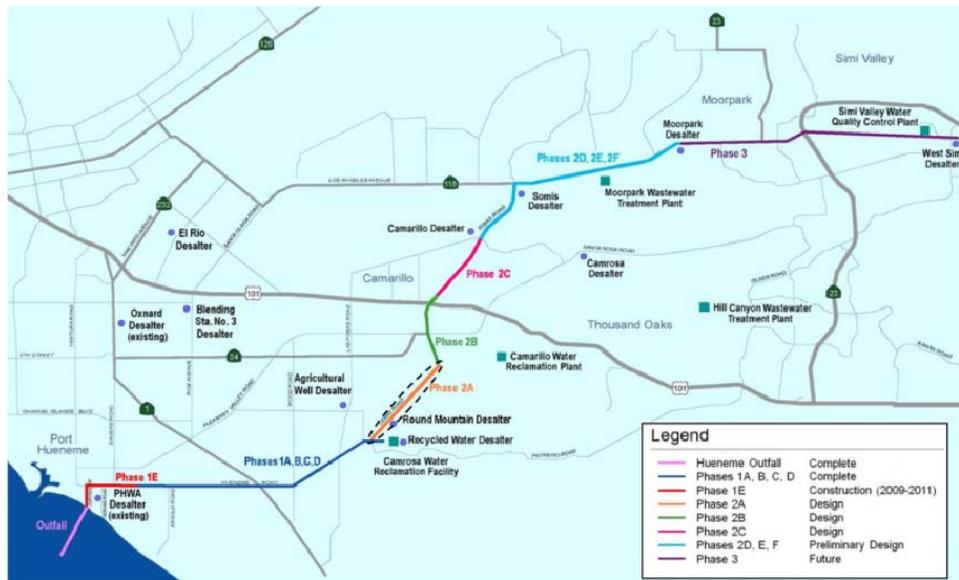


Figure 2: Calleguas SMP Project Location

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C-15 Camarillo Sanitary District/Camrosa Water District Recycled Water Interconnection

Camarillo Sanitary District (CamSan) and Camrosa Water District (Camrosa) have partnered to construct the Recycled Water Interconnection, allowing CamSan to more widely distribute recycled water to customers of both districts. Implementation involves constructing 9,600 feet of 24-inch pipeline to transfer recycled water from the CamSan water reclamation plant to CamSan customers and the Camrosa non-potable water storage ponds. From the storage ponds, water will be distributed to Camrosa customers for reuse. When the water is not needed for reuse, such as during the wet winter months, it may be discharged to the adjacent Calleguas SMP (refer to Figure 2).

The CamSan water reclamation facility currently treats almost 4 million gallons per day (mgd) of wastewater and has an ultimate treatment capacity of 6.75 mgd. The recycled water is currently used for limited agricultural irrigation or discharged to Conejo Creek, under a National Pollutant Discharge Elimination System permit. When the interconnection pipeline is completed, all of the recycled water will be delivered to CamSan and Camrosa customers or discharged to the SMP, eliminating the discharge to Conejo Creek. Elimination of this discharge will improve water quality in the creek and other receiving waters, allowing compliance with the TMDL limits for salt and related constituents in Calleguas Creek. The new pipeline is shown in yellow on Figure 3.

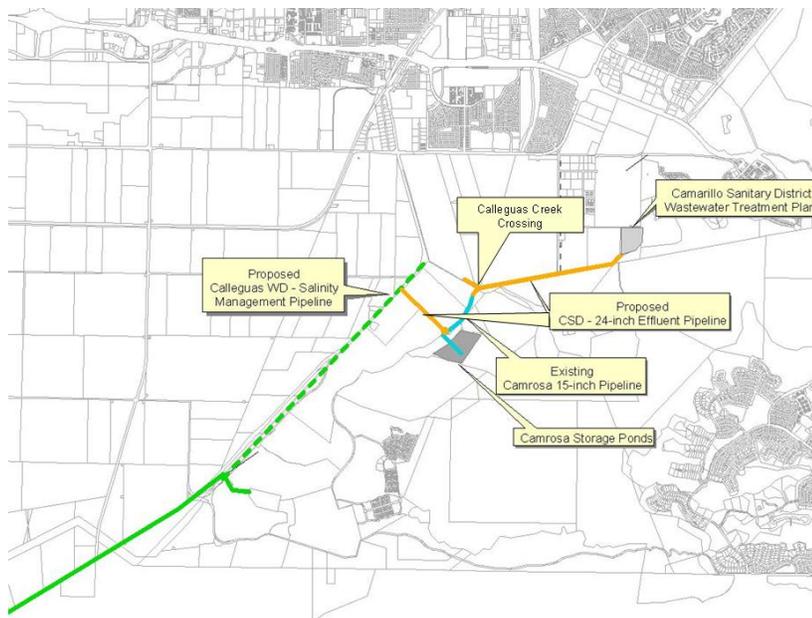


Figure 3: CamSan/Camrosa Recycled Water Interconnection

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SC-7 The Nature Conservancy Natural Floodplain Protection Program

The Nature Conservancy (TNC) plans to implement the Natural Floodplain Protection Program (NFPP) to preserve a critical section of the remaining floodplain in the Santa Clara River Watershed. This will be accomplished by establishing a Floodplain Conservation Zone (FCZ), where private property easements will be acquired as a means to prevent future development. The NFPP is targeting acquisition of 225 acres of easement within the 500-year floodplain of the Santa Clara River, which encompasses approximately 4,100 acres as shown on Figure 4. TNC anticipates that with acquisition of sufficient easements in key areas of the 500-year floodplain, the risk of development on the remaining lands will be substantially reduced, and therefore it will not be necessary to acquire easements for the entire floodplain in order to meet protection objectives. Portions of the 500-year floodplain have already been protected by TNC and through other conservation programs.

The planning process to acquire easements has been facilitated by the Floodplain Working Group (FWG), a group of stakeholders that includes:

- Ventura County Watershed Protection District
- Ventura County Farm Bureau
- Ventura County Resource Conservation District
- Natural Resources Conservation Service
- TNC

The 225 acres of flood (inundation) easements that will be purchased by TNC will be primarily working farmland; therefore, existing land uses will not be disrupted by the easements. Farmers will receive compensation for preserving their property as part of the functioning floodplain, while giving up the rights to develop the land. This will be recorded on the deed for the property. The value of the easements will be established through negotiations with individual landowners. Participation will be completely voluntary, and there will be no penalty for not participating.

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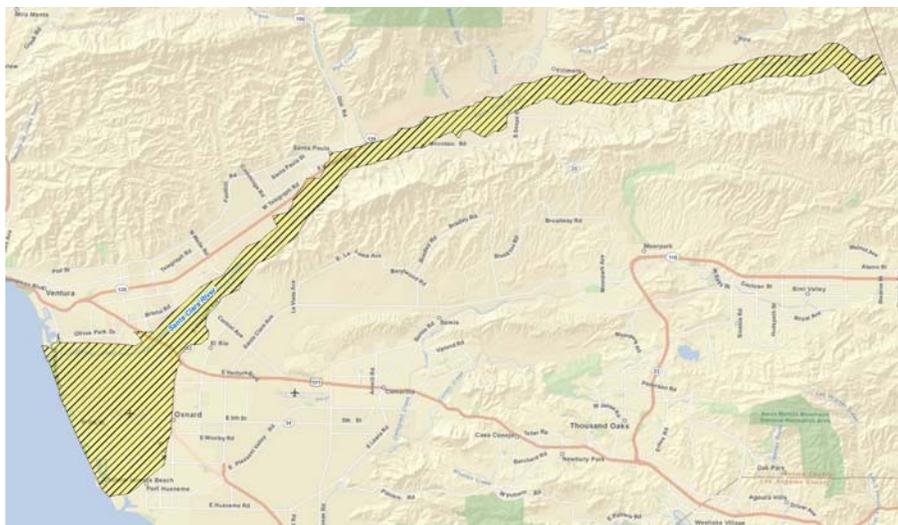


Figure 4: 500-year Floodplain Inundation Area of Santa Clara River for Potential Flood Easement Purchase

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SC-9 United Water Conservation District - Seawater Barrier Pilot Well

United Water Conservation District (UWCD), in partnership with the City of Oxnard (Oxnard), is planning to install a Seawater Barrier Pilot Well to explore the feasibility of using aquifer storage and recovery (ASR) wells to reduce the rate of seawater intrusion. Figure 5 shows the current extent of seawater intrusion as well as the location of the Seawater Barrier Pilot Well. Based on recent estimates, saline intrusion is increasing at a rate of 260 acres per year, and aquifer overdraft is occurring at a rate of 26,000 acre-feet per year. As a result, water supplies for some urban and agricultural areas are at risk, particularly in the event of a drought, and the existing pattern of water use is not sustainable.

The pilot well will be designed to allow injection of potable water into the deep aquifer and will also allow groundwater to be extracted from the recharged aquifer. Water to be injected will be groundwater pumped from the shallow aquifer in the Oxnard Forebay, where there are ample supplies. The water will be conveyed to the pilot well site via the Ocean View pipeline in Hueneme Road, which is owned by UWCD and operated as part of the Oxnard-Hueneme (OH) potable water system.

The pumping aspect of the pilot test program will be used to determine backwashing requirements to maintain recharge/injection capacity. Backwash water will be discharged to the existing Calleguas SMP, located adjacent to the well site. Groundwater from the pilot well will also provide an emergency backup water supply to the potable OH pipeline.

The pilot well will be constructed with a completion depth of about 1,000 to 1,200 feet below ground surface and a screened interval limited to the lower aquifer. It will have an injection capacity projected at 1,000 gallons per minute. Water will be injected for a period of about five years to monitor the effects and benefits of ASR.

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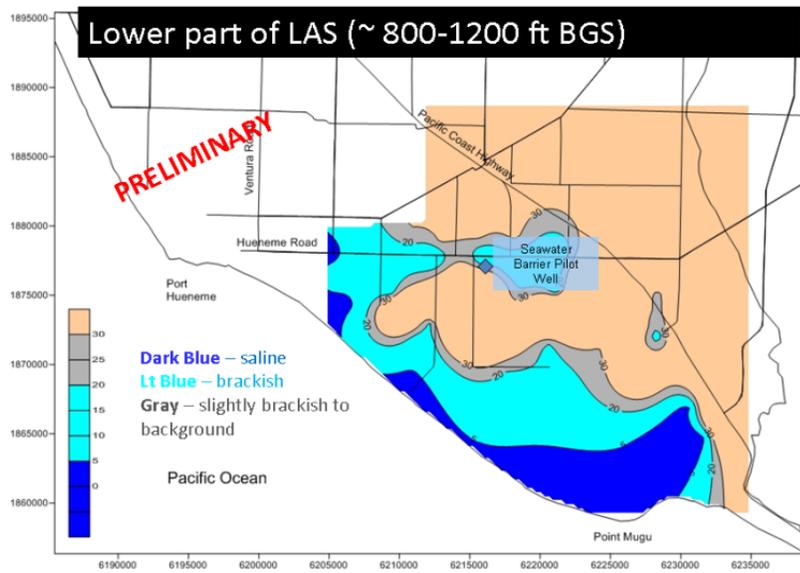


Figure 5: Seawater Intrusion Extent and Location of UWCD Seawater Barrier Pilot Well

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SC-10 Ventura County Waterworks District No. 16 Piru Treatment Plant Tertiary Upgrade

Ventura County Waterworks District No. 16 (VCWWD No. 16) plans to construct a tertiary treatment upgrade for the existing Piru Wastewater Treatment Plant (PWWTP). After tertiary treatment, effluent from the PWWTP will meet California Code of Regulations Title 22 requirements for recycled water and will be available for use as a new, lower cost irrigation supply for up to 600 acres of nearby agricultural property. The recycled water supply will offset a portion of the existing agricultural irrigation water demand that is currently met with groundwater delivered by Warring Water Service, Inc., local surface water diversions, and irrigation wells.

The PWWTP provides primary and secondary sewage treatment for the Piru disadvantaged community (DAC). The existing treatment facilities, which were recently replaced at the same location, were designed with a capacity of 500,000 gallons per day. Secondary treatment occurs in an oxidation ditch, and final effluent is currently discharged to two groundwater percolation ponds. Because the treated effluent contains relatively high concentrations of chloride and total dissolved solids (TDS), the RWQCB has required that VCWWD No. 16 develop a means to meet the groundwater quality objective for chloride. By providing tertiary treatment, VCWWD No. 16 will eliminate use of the ponds and can provide an alternative use or disposal method for the effluent to reduce salts loading into the groundwater basin. When the tertiary treatment system is completed, the recycled water will be reused for irrigation instead of being percolated.

VCWWD No. 16 anticipated the tertiary upgrade as a follow up to the recent PWWTP replacement project shown on Figure 6; therefore, the primary/secondary facilities already provide the infrastructure needed to readily connect the tertiary upgrade, such as effluent piping, spare electrical and control conduits, and reserved space in the electrical cabinets for the power supply.

2010 Administrative Addendum

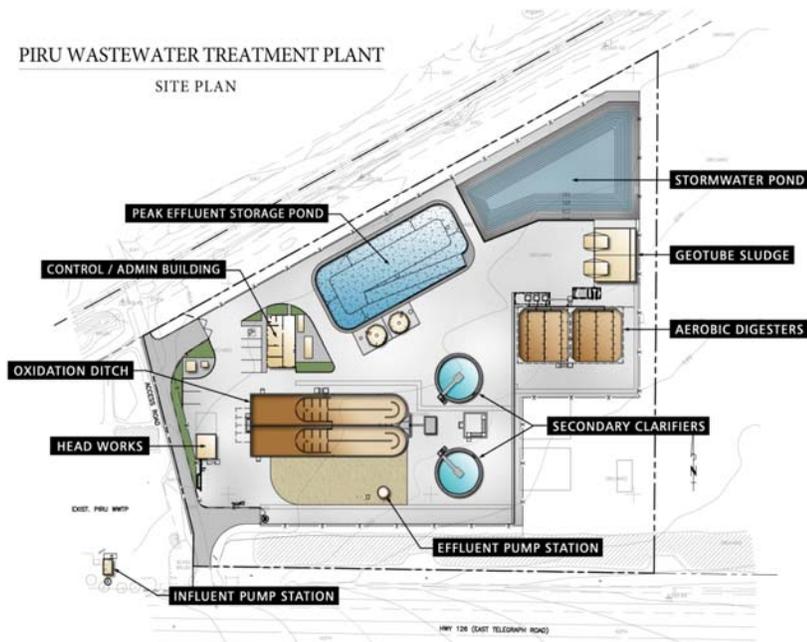


Figure 6: Piru Treatment Plant Tertiary Upgrade Site Plan

2010 Administrative Addendum

V-5 Ojai Valley Land Conservancy Ojai Meadows Ecosystem Restoration Final Phase –

Following successful restoration of wetlands in the Ojai Meadows Preserve (OMP), the Ojai Valley Land Conservancy (OVLC) now plans to restore 41 acres of upland and transitional habitats adjacent to the wetlands as shown on Figure 7. This will be the final phase of OMP restoration, and is needed to place the recently restored wetlands in an ecological context that is self-sustaining. The areas that will be restored in this final phase are currently vegetated with non-native plants and weeds. Once revegetated with native trees and plants, they will provide habitat and serve as a buffer zone to naturally stabilize eroding hillsides and integrate with the restored wetlands. Planting will include:

- 20 acres of native grasslands and valley oak savannah that will reduce erosion from the uplands that could threaten the wetlands;
- 20 acres of coast live oak woodlands to provide vertical structure and hunting areas for birds;
- 1 acre of coastal sage scrub interspersed within the oak woodlands for diversity and habitat transition; and
- Additional plantings in the existing wetlands channels to provide appropriate plant density which will enhance filtration and treatment of the stormwater entering the wetlands.



Figure 7: OMP Site Map

2010 Administrative Addendum

R-1 Ventura County Regional Urban Landscape Efficiency Program

With a goal of improving landscape water use efficiency on a regional scale, nine water agencies from Ventura County have partnered to propose the comprehensive Ventura County Regional Urban Landscape Efficiency (VC-RULE) Program. Participating agencies are:

- Camrosa Water District
- Casitas Municipal Water District
- City of Camarillo Water Division
- City of Oxnard
- City of Simi Valley/County Waterworks District No. 8
- Ventura County Waterworks District 1
- Ventura County Waterworks District 17
- Ventura County Waterworks District 19
- Lake Sherwood Community Services District

By implementing VC-RULE, the agencies will optimize irrigation practices and systems on approximately 1,000 customer properties in the region, which will translate to water conservation and improved water supply reliability for Ventura County. Landscape irrigation is known to be one of the largest water uses in the county, accounting for 44 percent of water use in Oxnard and even more in inland areas. Therefore, it is a high priority target for the region's water conservation efforts. Water use efficiency improvements and conservation savings, in general, are equivalent to developing a low-cost new "source" of water. Please see Figure 8 for a map showing the boundaries of the participating entities.

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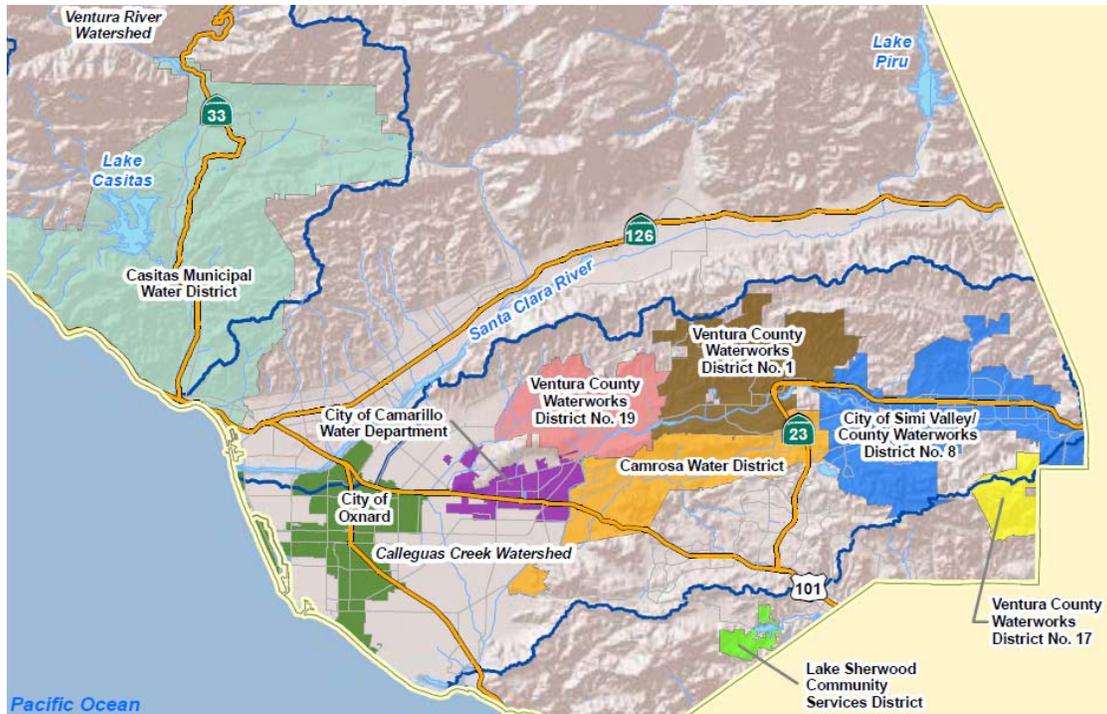


Figure 8 - VC-RULE Project Boundaries

2010 Administrative Addendum

b. Projects for Future Implementation

The projects described in this section were reviewed by the stakeholders in WCVC and are either new projects (not included in the 2006 WCVC IRWM Plan), or are projects already included in the Plan, in Section 6 or Appendix G, but have been updated for the purposes of this Addendum. More detailed information has been provided by the Project Proponents in Appendix 1 – Project Input Forms.

C-16 Camrosa Water District - Expansion of Non-Potable Water System – Existing Project/Revised Description

The project would expand the existing non-potable distribution system easterly into Santa Rosa Valley and westerly above Potrero Road. The recycled water expansion is based on maximizing potable water savings and will benefit all agencies in the region that depend upon imported water to meet potable water demand. Almost 1,000 acre-feet of drinking water would be replaced with recycled water for irrigation.

C-17 Ventura County Waterworks District No. 1 Moorpark Desalter – (Previously C-4) - Existing Project/Revised Description and New Project ID#

The proposed brackish groundwater desalter which is 3 miles west of the City of Moorpark and within the unincorporated area of Ventura County would provide a local water supply and reduce dependence on water from the State Water Project, export salts from the groundwater in the South Las Posas Basin (SLPB) to help comply with salts TMDL, help reduce migration of salts to the Calleguas ASR wellfield within the East Las Posas Basin, and capture higher quality stormwater by creating groundwater storage space in the shallow SLPB. The project would pump and treat poor quality groundwater from the SLPB to produce a higher quality local water supply, meeting water quality parameters.

C-18 Ventura County Waterworks District No. 8 West Simi Water Recycling Project - Existing Project/Revised Description

This project includes construction of a 1-million gallon tank, approximately 50,000 feet of pipeline, one hydro-pneumatic pump station, and upgrades to the existing recycled water pump station to extend recycled water service to customers with large irrigation or industrial uses in Simi Valley.

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C-19 Mountains Recreation and Conservation Authority Borchard Wetlands Acquisition – *New Project*

The project involves the acquisition of Borchard Wetlands property for permanent habitat protection and public educational access and water quality improvement and groundwater recharge. This is a prime location for habitat restoration that will cross all portions of property other than access road.

V-7 Ventura Hillsides Conservancy Lower Ventura River Habitat Restoration and Enhancement (V-7) – *Existing Project/Revised Description*

The Lower Ventura River Habitat Restoration and Enhancement involves acquiring land and conservation easements in the 100-year floodplain along lower reaches of the river. This project will also include habitat restoration and enhancement along the lower five miles of the Ventura River up to and including the estuary.

The restoration of historic wetlands and riparian vegetation will directly benefit sensitive species in the area, particularly the endangered Southern California steelhead trout. Additional benefits include reduction of downstream flooding through wetland floodwater retention, elimination of costs for property protection on floodplain land that would otherwise be developed, water quality improvement through wetland restoration, and water conservation through prevention of consumptive activities on the land. A future phase of this project will involve the development of a passive recreation river parkway with interpretive facilities once a contiguous corridor along the river has been protected.

V-9 Casitas Municipal Water District Seismic Retrofit of Reservoir Tank - *New Project*

This project involves retrofitting two reservoir tanks so they are earthquake safe, thus averting possible water losses and/or loss of service to customers in the event of an earthquake that damages or destroys the tanks.

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V-10 Ojai Valley Land Conservancy Rice Creek Re-alignment and Enhancement – *New Project*

This project on the OVLC's Ventura River Preserve would return Rice Creek to its approximate historical location from its current channelized location. The project will add over 1,500 feet of new riparian habitat on the site and re-establish floodplain connections and buffer habitats. This project will help shade the water to keep it cool and reduce algal blooms, reduce sedimentation in the Rice Creek and the Ventura River via erosion control, increase the numbers and variety of wildlife, and act as infiltration areas to support water storage for the Ventura River.

SC-11 City of Oxnard Recycled Water Backbone-Hueneme Transmission East, Phase 1 - *Existing Project/Revised Description*

The project includes construction of a recycled water transmission line from the Oxnard's Advanced Water Purification Facility, to deliver up to 5,000 acre-feet of non-potable water for agricultural use, potential seawater barrier injection, or industrial uses on the Oxnard Plain. The recycled water will offset pumping from overdrafted groundwater aquifers and help address seawater intrusion into the groundwater aquifers underlying the Oxnard Plain.

R-2 Ventura County Farm Bureau Agricultural Water Efficiency Surveys - BMP Implementation – *New Project*

This project involves conducting surveys of irrigation systems to assess distribution uniformity followed by implementation of irrigation improvements which will lead to more efficient water use of water and reduced irrigation runoff. Reducing agricultural runoff is a key component of the RWQCB's implementation of TMDLs and compliance with conditional waiver for irrigated agricultural production.

2010 Administrative Addendum

APPENDIX 1

PROJECT INPUT FORMS

CALLEGUAS CREEK WATERSHED

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

Note: This project identification short form gathers the minimum amount of information required to submit a project for consideration in the Prop. 84 IRWM Implementation Grant Proposal for the WCV. More information may be required at a later date. Please complete electronically and email to Henry Graumlich, hgraumlich@calleguas.com
hgraumlich@calleguas.com

General Information				
Project Name:	CSUCI Wellwater Desalter			
Project Sponsor:	Camrosa Water District			
If Joint Project, Other Partners:				
Project Website (if available):	www.camrosa.com			
Project Contact Person:	Phone	FAX	Email	
Frank Royer	805.482.4613		FrankR@camrosa.com	
Project Description				
Project Description (1 -2 sentences):				
CSUCI Wellwater Desalter Phase 1A of the project is underway and consists of basin yield and water quality studies. Phase 1B will be completed in the summer of 2011 and coincides with the completion of Calleguas Municipal Water District's Salinity Management Pipeline. The completion of SMP will allow disposal of brine concentrate from the desalter and transportation of salts off the watershed. The desalter will provide 1/2 MGD potable production. Phase 2 will expand production to 1.0 MGD.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
This is a key project of the Renewable Water Resource Management Program that seeks to improve local water quality through the managed transport of salts out of the Calleguas Creek Watershed, reclaim abandoned unconfined groundwater and meet TMDL requirements.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
A component of the RWRMP that integrates a set of facilities to reduce reliance on imported water supplies, increasing recycled water deliveries, while improving water quality through the managed transport of salts out of the Calleguas Creek Watershed. The project is included in the Calleguas Creek Watershed list of approved projects and is contained in the WCV Integrated Water Management Plan.				
Project Location				
Descriptive (Description of property location etc., sub-watershed,if available):				
The CSUCI Wellwater Desalter is located in the Calleguas Creek Watershed, near Lewis Road and California State University of Channel Islands campus, in Camarillo, CA. The projects is bound on the west by Lewis Road, by mountainous bedrock on the east, by Highway 101 on the north, and the District's Water Reclamation Facility on the south.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate) :				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input checked="" type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input checked="" type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:	Phase 1B - 2011 Phase 2 - 2012			

Project Benefits

Water Supply: *New Supply Created (AFY)* (Check one) 1-100 AF 100-1000AF 1000+ AF

Water Quality Area Drained: and/or Volume Treated: 500-1000AF

Public Access, Open Space, Habitat, Recreation (*acres created/restored*):

Other: (*Describe X amount of benefit*)

Develops 500-1000 AF of local water resources, reduces dependence upon imported SWP water, improves local groundwater quality and helps transport salts off the watershed.

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
- For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

End of Form

CALLEGUAS CREEK WATERSHED

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hgraulmlich@calleguas.com

General Information				
Project Name:	Camrosa and Camarillo Sanitary District's interconnection.			
Project Sponsor:	Camrosa Water District			
If Joint Project, Other Partners:	Camarillo Sanitary District			
Project Website (if available):	www.camrosa.com			
Project Contact Person:	Phone	FAX	Email	
Frank Royer	805.482.4613		FrankR@camrosa.com	
Project Description				
Project Description (1 -2 sentences):				
A new pipeline that delivers the effluent from CamSam to Camrosa's storage ponds and further south to the WRF. This is a project in the RWRMP. The majority of the water will be recycled by Camrosa and will reduce reliance on imported water. Excess flow not recycled by Camrosa will be diverted to the SMP lateral for ocean disposal and will help transport salts off the watershed.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
The project focus is on increasing recycled/reclaimed water use, reducing salt inputs to surface waters and construction of facilities to transport salts out of the watershed.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
A component of the RWRMP that integrates a set of facilities to reduce reliance on imported water supplies, increasing recycled water deliveries, while improving water quality through the managed transport of salts out of the Calleguas Creek Watershed. The project is included in the Calleguas Creek Watershed list of approved projects and is contained in the WCV Integrated Water Management Plan.				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
The pipeline lies within a corridor that parallels Conejo/Calleguas Creeks, East of Lewis Road, from the Camarillo Sanitation Plant to the Camrosa Water Reclamation Facility and the SMP.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at: http://geocoder.us/	Lat:			Long:
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input checked="" type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:	Calendar Year 2011			

Project Benefits

Water Supply: *New Supply Created (AFY)* (Check one) 1-100 AF 100-1000AF 1000+ AF

Water Quality Area Drained: and/or Volume Treated:

Public Access, Open Space, Habitat, Recreation (*acres created/restored*):

Other: (*Describe X amount of benefit*)

Focuses on increasing recycled/reclaimed water use, reducing salt inputs to surface waters and construction of facilities to transport salts out of the watershed.

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan;
- the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
-
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

End of Form

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hgraulich@calleguas.com

General Information					
Project Name:	Expansion of non-potable water distribution system in the southern reaches of the Calleguas Creek Watershed.				
Project Sponsor:	Camrosa Water District				
If Joint Project, Other Partners:					
Project Website (if available):	www.camrosa.com				
Project Contact Person:	Phone	FAX	Email		
Frank Royer	805.482.4613		FrankR@camrosa.com		
Project Description					
Project Description (1 -2 sentences):					
Expansion of existing non-potable distribution system easterly into Santa Rosa Valley and westerly above Potrero Road. The recycled water expansion is based on maximizing potable water savings and will benefit all agencies in the region that depend upon imported water to meet potable water demand. Almost 1,000 acre-feet of drinking water would be replaced with recycled water for irrigation.					
Project Integration (Describe how the project does or could integrate with other projects in the Region):					
Implement a portion of the Renewable Water Resource Management Program that seeks to increase water reuse and improve local water quality through the managed transport of salts out of the Calleguas Creek Watershed.					
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):					
A component of the RWRMP that integrates a set of facilities to reduce reliance on imported water supplies, increasing recycled water deliveries, while improving water quality through the managed transport of salts out of the Calleguas Creek Watershed. The project is included in the Calleguas Creek Watershed list of approved projects and is contained in the WCV Integrated Water Management Plan.					
Project Location					
Descriptive (Description of property location etc., sub-watershed,if available):					
Central Santa Rosa Valley and northern portion of the Mission Oaks in the City of Camarillo. All lie within the Calleguas Creek Watershed.					
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>	
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:	
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate) :					
Project Cost:	\$5 mill	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input checked="" type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):		Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:					

Project Benefits

Water Supply: *New Supply Created (AFY)* (Check one) 1-100 AF 100-1000AF 1000+ AF

Water Quality Area Drained: and/or Volume Treated:

Public Access, Open Space, Habitat, Recreation (*acres created/restored*):

Other: (*Describe X amount of benefit*)

The project will develop a minimum of 1000 af of recycled water to replace an equal amount of imported SWP water now used to meet irrigation demand. It will improve water reliability within the region and meet statewide goals of reducing potable water consumption by 20% by 2020.

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
- For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

End of Form

CALLEGUAS CREEK WATERSHED

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INTEGRATED REGIONAL WATER MANAGEMENT PLAN
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hgraulich@calleguas.com

General Information					
Project Name:	Calleguas Regional Salinity Management Pipeline, Phase 2A				
Project Sponsor:	Calleguas Municipal Water District				
If Joint Project, Other Partners:					
Project Website (if available):	Overall SMP brochures available at http://www.calleguas.com/brochures.htm				
Project Contact Person:	Phone	FAX	Email		
Kristine McCaffrey	805-579-7173		kmccaffrey@calleguas.com		
Project Description					
Project Description (1 -2 sentences):					
The Calleguas Regional Salinity Management Project (SMP) is a regional pipeline that will collect salty water generated by groundwater desalting facilities and excess recycled water and convey that water for re-use elsewhere. Any unused salty water will be safely discharged to the ocean, where natural salt levels are much higher.					
Project Integration (Describe how the project does or could integrate with other projects in the Region):					
The SMP is a cornerstone project integral to the operation of any brackish groundwater desalters, but also necessary for overall salt management in the Calleguas Creek Watershed by removing salts associated with discharges that are currently occurring to surface waters. Desalters cannot be implemented without the SMP, since the SMP provides the sole mechanism for brine disposal in the Calleguas Creek Watershed.					
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):					
TMDL Implementation Plan, Calleguas Creek Watershed Management Plan, Ventura County Watersheds Coalition IRWMP					
Project Location					
Descriptive (Description of property location etc., sub-watershed,if available):					
Phase 2A of the SMP would run from just upstream of the Camrosa Water Reclamation Facility along old Lewis Rd. and South Lewis Rd. to its intersection with Cawelti Rd.					
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>	
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:	
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):					
Project Cost:	\$15,000,000	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input checked="" type="checkbox"/>
Project Status (Check one):	Two categories apply.	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:	2011-2013				

Project Benefits

Water Supply: *New Supply Created (AFY)* (Check one) 1-100 AF 100-1000AF 1000+ AF

Water Quality Area Drained: and/or Volume Treated:

Public Access, Open Space, Habitat, Recreation (*acres created/restored*):

Other: (*Describe X amount of benefit*)

Phase 2A would allow approximately 600 AF/yr of new potable water supply and 5,000 AF/yr of high-quality agricultural irrigation water supplies to be brought on-line and is also critical for the potential production of an additional 34,000 AF/yr from the upper reaches of the Calleguas Creek Watershed. Phase 2A would also result in 8,600 tons per year of salt removed from the watershed, while enabling the potential removal of an additional 85,000 tons per year from the upper reaches.

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
- For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance. **I presume this does not apply to Calleguas as a wholesaler.**
www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively integrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

End of Form

CALLEGUAS CREEK WATERSHED

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

Note: This project identification short form gathers the minimum amount of information required to submit a project for consideration in the Prop. 84 IRWM Implementation Grant Proposal for the WVCV. More information may be required at a later date. Please complete electronically and email to Henry Graumlich, hgraumlich@calleguas.com
hgraumlich@calleguas.com

General Information				
Project Name:	Borchard Wetlands Acquisition			
Project Sponsor:	Mountains Recreation and Conservation Authority			
If Joint Project, Other Partners:	Ventura County Flood Control District (potential)			
Project Website (if available):				
Project Contact Person:	Phone	FAX	Email	
Paul Eldelman	(310) 589-3230 x. 128		edelman@smmc.ca.gov	
Project Description				
Project Description (1-2 sentences):				
Acquisition of Borchard Wetlands property for permanent habitat protection and public educational access and water quality improvement and ground water recharge. Prime location for habitat restoration that will cross all portions of property other than access road.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
Calleguas Creek Watershed Management Plan. Multi-pronged effort to keep Conejo Creek below TMDL levels.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Santa Monica Mountains Conservancy Workprogram. Calleguas Creek Watershed Management Plan.				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
Ventura County APN 662-0-010-030, Newbury Park area of Thousand Oaks. Conejo Creek, Calleguas Creek.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at: http://geocoder.us/	Lat:			Long:
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>
~\$6.8 million				
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
n/a				
Estimated Year of Construction:	n/a			
Project Benefits				
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/> 1-100 AF	<input type="checkbox"/> 100-1000AF	<input type="checkbox"/> 1000+ AF	
Water Quality	Area Drained: and/or	10 acres offsite	Volume Treated:	2 acre-feet
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):	36.75 acres			
Other: (<i>Describe X amount of benefit</i>)	Ten acres off site could be increased to 35 acres.			

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

End of Form

CALLEGUAS CREEK WATERSHED
WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form

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hgraumlich@calleguas.com

General Information				
Project Name:	Ventura County Waterworks District No. 1 Moorpark Desalter			
Project Sponsor:	Ventura County Waterworks District (VCWWD) No. 1			
If Joint Project, Other Partners:	VCWD No.19, Lake Sherwood Community Services District, and VCWD No.17			
Project Website (if available):				
Project Contact Person:	Phone	FAX	Email	
Anne Dana	805.378.3010		anne.dana@ventura.org	
Project Description				
Project Description (1-2 sentences):				
The proposed desalination facility (Desalter) which is 3 miles west of the City of Moorpark and within the unincorporated area of Ventura County, would export salts from the groundwater in the South Las Posas Basin (SLPB) to help comply with salts TMDL, reduce dependence on water from the State Water Project, help reduce migration of salts to the Calleguas ASR well field within the East Las Posas Basin, and capture higher quality stormwater by creating groundwater storage space in the shallow SLPB. The project would pump and treat poor quality groundwater from the SLPB to produce a higher quality local water supply, meeting MWD water quality parameters. The proposed project will create jobs and improve the local economy.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
Help solve the salts TMDL compliance, provide additional local water supply for the Calleguas service area in lieu of purchasing imported water from MWD. Increase local water supply by capturing additional stormwater. Integrates with Calleguas MWD Salinity Management Pipeline Project				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Salts TMDL Implementation Plan; Las Posas Basin Sub-Basin Management Plan				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
The proposed project is located east of the Moorpark Wastewater Treatment Plant, west of the Moorpark city limits, south of Highway 118, and north of Arroyo Simi Flood Control Channel.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input checked="" type="checkbox"/>
Project Status (Check one):	Conceptual <input checked="" type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:	Calendar Year 2014			

Project Benefits

Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/>	1-100 AF	<input type="checkbox"/>	100-1000AF	<input checked="" type="checkbox"/>	1000+ AF
Water Quality	Area Drained: and/or		Volume Treated:			
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):	No					
Other: (<i>Describe X amount of benefit</i>)	NONE					

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
- For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively integrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

End of Form

CALLEGUAS CREEK WATERSHED
WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form

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hgraulmich@calleguas.com

General Information				
Project Name:	West Simi Water Recycling Project			
Project Sponsor:	Ventura County Waterworks District No. 8			
If Joint Project, Other Partners:				
Project Website (if available):				
Project Contact Person:	Phone	FAX	Email	
Ernest Wong	805-583-6896		ewong@simivalley.org	
Project Description				
Project Description (1-2 sentences):				
Construct one 1-million gallon tank, approximately 50,000 feet of pipeline, one hydro-pneumatic pump station, and upgrades to the existing recycled water pump station to extend recycled water service to customers with large irrigation or industrial uses.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
This project provides a base system that provides opportunities to expand recycled water service to large irrigation customers in the City of Thousand Oaks, the Camrosa Water District, and the City of Moorpark.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Ventura County Waterworks District No. 8 (VCWD8) - Recycled Water Master Plan Update, 2008; VCWD Urban Water Management Plan Update, 2005; Salts TMDL for the Calleguas Creek Watershed, 2007; California Water Plan Update, 2009				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
The project facilities will be located in the City of Simi Valley at the Simi Valley Water Quality Control Plant, the District's Lower McCoy Tank site, and in public streets (mainly Madera Road, Cochran Street, Royal Avenue, Fitzgerald Road, and First Street). The project is located within the Calleguas Creek Watershed.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input checked="" type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:	2010			

Project Benefits

Water Supply: *New Supply Created (AFY)* (Check one) 1-100 AF 100-1000AF 1000+ AF

Water Quality Area Drained: and/or Volume Treated:

Public Access, Open Space, Habitat, Recreation (*acres created/restored*):

Other: (*Describe X amount of benefit*)

Project Readiness

- Matching funds available (25% match)
- Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)
- Environmental (CEQA etc.) and discretionary approval complete or nearly complete
- 2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent
- For projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)
- For urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance
- If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

Calleguas Creek Watershed Specific Objectives (2006)

- Reduce dependence on imported water
- Improve water supply reliability
- Manage and remove salts, comply with TMDLs

WCVC IRWM Plan Objectives (2006)

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
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End of Form

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

Note: This project identification short form gathers the minimum amount of information required to submit a project for consideration in the IRWMP. More information may be required at a later date. This form may be printed, filled out by hand and mailed back to Lynn Rodriguez - Ventura County Executive Office 800 So. Victoria Ave. Ventura, CA 93009 OR electronically filled out and emailed to:

lynn.rodriguez@ventura.org

General Information				
Project Name:	SC-7 Santa Clara Floodplain Conservation Project			
Project Sponsor:	The Nature Conservancy			
If Joint Project, Other Partners:	Ventura County WSPD, Farm Bureau, Ventura County RCD, NRCS, Coastal Conservancy			
Project Website (if available):	NA			
Project Contact Person:	Phone	FAX	Email	
E.J. Remson	626-403-9755	626-799-2445	eremson@tnc.org	
Project Description				
Project Description (1 -2 sentences):				
Acquisition of flood (inundation) easements over land within the river's floodplain to accomplish flood control with out levees. Most of these easements would cover working farmland which would be permitted to continue under the easement. The program would be entirely voluntary.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
1. Reduces need for flood control structures and associated maintenance, 2. improves ground water recharge, 3. protects important river habitat, 4. improvement of surface water quality through biofiltering, 5. open space protection				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Conservation Plan for the Lower Santa Clara River (TNC) 2008, Santa Clara River Parkway Program (State Coastal Conservancy)				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
Santa Clara River main stem and adjacent floodplain. Could be a pilot program for other county watersheds.				
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input checked="" type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input checked="" type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input checked="" type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:	Project ready to start. Construction not required. Exempt from CEQA.			
Project Benefits				
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input checked="" type="checkbox"/>	1-100 AF	<input type="checkbox"/>	100-1000AF
			<input type="checkbox"/>	1000+ AF
Water Quality	Area Drained: and/or		Volume Treated:	
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):	permanently protected			
Other: (<i>Describe X amount of benefit</i>)				

This project will protect existing floodplain and the flood protection, ground water recharge and, water quality benefits it provides. The specific quantitative benefits will depend on the specific properties enrolled in the program. This grant will provide initial funding for what will be a continuing program.

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively integrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of in stream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
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IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Management
- Groundwater Aquifer Remediation
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
- Urban Water Use Efficiency
- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
-

- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

Santa Clara River Watershed

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

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lynn.rodriguez@ventura.org

General Information				
Project Name:	SC-9 Seawater barrier pilot well			
Project Sponsor:	United Water Conservation District			
If Joint Project, Other Partners:	City of Oxnard, Fox Canyon GMA			
Project Website (if available):	http://developmentservices.cityofoxnard.org			
Project Contact Person:	Phone	FAX	Email	
Jim Kentosh	805-525-4431	525-2661	jimk@unitedwater.org	
Project Description				
Project Description (1-2 sentences):				
Construct a seawater barrier pilot well along Hueneme Road. The pilot well will be used for injecting potable water as a pilot injection program for a period of around 5 years, to be followed by injection of recycled water from Oxnard's GREAT program.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
The pilot well provides information to support the future injection of recycled water from the City of Oxnard's GREAT program. This is one strategy for bringing the Oxnard Plain aquifers into long-term balance.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Part of United's Water Management Plan, posted on United's web site at www.unitedwater.org .				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
Located along Hueneme Road west of Rice Road, on the Oxnard plain within the Santa Clara River watershed.				
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input checked="" type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		Lat: N34 8.8318'	Long: W119 8.8657
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input checked="" type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:	2011			
Project Benefits				
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/> 1-100 AF	<input type="checkbox"/> 100-1000AF	<input checked="" type="checkbox"/> 1000+ AF	
Water Quality	Area Drained: and/or	NA	Volume Treated:	NA
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):	NA			
Other: (<i>Describe X amount of benefit</i>)				
The project will move 1500 AF of pumping from the more easily recharged Oxnard Forebay into the eastern part of the Oxnard Plain Aquifers. This represents new yield for the Lower Aquifer System. Ultimately will recharge recycled water to create a new supply for the Lower Aquifer System.				

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
 - Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan;
- the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
 - For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Managemet
- Groundwater Aquifer Remediation
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
- Urban Water Use Efficiency
- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
-

- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

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lynn.rodriguez@ventura.org

General Information				
Project Name:	SC-10 Recycled Water Backbone-Hueneme Transmission East, Phase 1			
Project Sponsor:	City of Oxnard			
If Joint Project, Other Partners:	United Water Conservation District			
Project Website (if available):	http://developmentservices.cityofoxnard.org/Department.aspx?DepartmentID=7&DivisionID=76&ResourceID=550			
Project Contact Person:	Phone	FAX	Email	
Anthony Emmert	(805) 385 - 8111	(805) 385 - 8137	Anthony.Emmert@ci.oxnard.ca.us	
Project Description				
Project Description (1-2 sentences):				
Project will design and construct a recycled water transmission line from the City's Advanced Water Purification Facility (AWPF), located on Perkins Road, east along Hueneme Road to State Route 1, and will deliver up to 6.25 million gallons per day				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
This project is a distribution pipeline for the AWPF, one component in the Groundwater Recovery, Enhancement, and Treatment (GREAT) program. AWPF distribution lines are being constructed to the west to service golf courses, parks and medians. This eastern extension will provide treated water for seawater injection barrier ASR wells and agriculture.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
City of Oxnard Groundwater Recovery Enhancement and Treatment Program, 2004, Fox Canyon Groundwater Management Agency Groundwater Management Plan, 2007, Watersheds Coalition of Ventura County Integrated Regional Water Management Plan, 2007				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
Linear pipeline project commencing at the corner of Perkins Road and Hueneme Road, and running east in the Hueneme Road right-of-way, to approximately State Route 1. Project is in both Santa Clara River and Calleguas Creek Watersheds.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input checked="" type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		from Lat: 34.147441 to 34.146883	from Long: -119.183925 to -119.111795
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input checked="" type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:				
Project Benefits				
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/> 1-100 AF	<input type="checkbox"/> 100-1000AF	<input checked="" type="checkbox"/> 1000+ AF	
Water Quality Very low TDS supply	Area Drained: and/or	Volume Treated:	6.25 MGD	
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):				
Other: (<i>Describe X amount of benefit</i>)				

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
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- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
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- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
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IRWM Resource Management Strategies

- Ecosystem Restoration
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- Flood Risk Managemet
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- Water Dependent Recreation
- System Reoperation
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- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
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- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
-

- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

**WATERSHEDS COALITION OF VENTURA COUNTY
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lynn.rodriguez@ventura.org

General Information				
Project Name:	SC-11 Ventura County Waterworks District No. 16 Piru Tertiary Treatment Facility			
Project Sponsor:	Ventura County Waterworks District No. 16			
If Joint Project, Other Partners:				
Project Website (if available):				
Project Contact Person:	Phone	FAX	Email	
Reddy Pakala	805.378.3005	805.529.7542	reddy.pakala@ventura.org	
Project Description				
Project Description (1 -2 sentences):				
Construction of a filter system to provide tertiary treatment for the new 0.5 MGD Piru Wastewater Treatment Plant . The Project includes site development within the existing property and required equipment to facilitate filter operation. The project will also require replacement of 5100 lf of force main from the treatment plant to offsite percolation ponds.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
Project would improve water quality in the region.				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
Piru Wastewater Treatment Plant, 2815 East Telegraph Rd., Piru CA				
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input checked="" type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at:	http://geocoder.us/		Lat: 34.400864	Long: -118.826801
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
\$3.75 million	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:	Jun-11			
Project Benefits				
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/> 1-100 AF	<input checked="" type="checkbox"/> 100-1000AF	<input type="checkbox"/> 1000+ AF	
Water Quality	Area Drained: and/or		Volume Treated:	
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):				
Other: (<i>Describe X amount of benefit</i>)				

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
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IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Managemet
- Groundwater Aquifer Remediation
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
- Urban Water Use Efficiency
- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
-

- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
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lynn.rodriguez@ventura.org

General Information						
Project Name:	V-5 - Ojai Meadows Preserve Habitat Restoration and Flood Control Plan					
Project Sponsor:	Ojai Valley Land Conservancy					
If Joint Project, Other Partners:						
Project Website (if available):	NA					
Project Contact Person:	Phone	FAX	Email			
Brian Stark	805-649-6852	805-649-8913	brian@ovlc.org			
Project Description						
Project Description (1-2 sentences):						
At its Ojai Meadows Preserve, the Ojai Valley Land Conservancy seeks \$500,000 to complete the final phase of an ecological restoration project to relieve flooding on the adjacent highway and high school, to filter runoff and recharge groundwater, and to restore wetland, riparian, and upland habitat for returning wildlife and the use and enjoyment of visitors.						
Project Integration (Describe how the project does or could integrate with other projects in the Region):						
This project is consistent with watershed-wide plans to improve riparian and wetland habitats, to manage stormwater and water quality, and to maximize infiltration of water to re-charge groundwater. These actions are specifically referenced in the Ventura River Watershed IRWMP Plan, the federal recovery plan for steelhead, local NPDES Plans, and Ventura County's General Plan.						
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):						
This project -- V-5 - Ojai Meadows Preserve Habitat Restoration and Flood Control Plan -- is a priority project in the Watersheds Coalition of Ventura County's Integrated Regional Water Management Plan of 2006.						
Project Location						
Descriptive (Description of property location etc., sub-watershed, if available):						
The project is in the Ventura River watershed in the Ojai Valley, straddling the boundary between the communities of Ojai and Meiners Oaks. The project site / preserve is bounded by Highway 33, Nordhoff High School, a church and residential development.						
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input checked="" type="checkbox"/>	Countywide <input type="checkbox"/>		
Latitude/Longitude - info available at:	http://geocoder.us/		Lat: N34.444	Long: W119.269		
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):						
Project Cost:	\$500,000	<\$100K <input type="checkbox"/>	\$100K - \$1M <input checked="" type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>	
Project Status (Check one):		Conceptual <input type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input checked="" type="checkbox"/>	CEQA Complete <input type="checkbox"/>	
Estimated Year of Construction:	2011					
Project Benefits						
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/>	1-100 AF	<input type="checkbox"/>	100-1000AF	<input type="checkbox"/>	1000+ AF
Water Quality	Area Drained: and/or			Volume Treated:		
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):	57 acres restored and opened to public access					
Other: (<i>Describe X amount of benefit</i>)						

The proposed project will prevent erosion on approximately 40 acres and add an additional 2 acres of riparian habitat, completing the original restoration plan. This restored 57 acre nature preserve hosts thousands of visitors each year, including some who take advantage of regularly scheduled docent-led interpretive walks. Completed portions of the project have already reduced flooding on State Highway 33 and have resulted in the establishment of 15 acres of riparian and wetland habitats.

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan;
- the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
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- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
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IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Managemet
- Groundwater Aquifer Remediation
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
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- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
-

- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

**WATERSHEDS COALITION OF VENTURA COUNTY
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lynn.rodriguez@ventura.org

General Information				
Project Name:	V-7 - Lower Ventura River Habitat Restoration and Enhancement			
Project Sponsor:	Trust for Public Land, California Coastal Conservancy, Ventura Hillside Conservancy			
If Joint Project, Other Partners:	Trust for Public Land, California Coastal Conservancy, Ventura Hillside Conservancy			
Project Website (if available):				
Project Contact Person:	Phone	FAX	Email	
Matt Sayles	805-643-0828		msayles@venturahillside.org	
Project Description				
Project Description (1-2 sentences):				
This project will perform habitat restoration and enhancement along the lower Ventura River from Foster Park to the estuary, and in order to make this possible, acquire land and conservation easements in the 100-year floodplain along this reach of the river. Funding from this grant would be applied towards acquisition, restoration planning, and wetland restoration on several properties located between Foster Park and the estuary.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
Potential to integrate with several other projects TBD				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
Vision Plan for the Lower Ventura River Parkway Prepared for The Trust for Public Land and the California State Coastal Conservancy <i>Reconnecting People with the Ventura River</i>				
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):				
Lower Ventura River Parkway properties from Foster Park to the estuary.				
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input checked="" type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info available at: http://geocoder.us/	Lat: 34.352362		Long: -119.308599	
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K - \$1M <input type="checkbox"/>	\$1M - \$10M <input checked="" type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:				
Project Benefits				
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/>	1-100 AF	<input type="checkbox"/>	100-1000AF
Water Quality	Area Drained: and/or		Volume Treated:	
Public Access, Open Space, Habitat, Recreation (<i>acres created/restored</i>):				
Other: (<i>Describe X amount of benefit</i>)				

The potential for 350 acres of land acquisition and wetland restoration primarily within the 100-year Ventura River floodplain from Foster Park to the estuary, benefitting several sensitive species, reducing flooding through wetland floodwater retention, avoiding costs to protect development, water quality improvement, water conservation, and public access/passive recreation with interpretive facilities.

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
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- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
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- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

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IRWM Resource Management Strategies

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- Land Use Planning and Management
- Pollution Prevention
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- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
-

- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
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lynn.rodriguez@ventura.org

General Information				
Project Name:	V-9 Seismic Retrofit of Reservoir Tank			
Project Sponsor:	Casitas Municipal Water District			
If Joint Project, Other Partner:				
Project Website (if available):				
Project Contact Person:	Phone	FAX	Email	
Ron Merckling	(805) 649-225	(805) 649-300	quanticaconsult@aol.com	
Project Description				
Project Description (1 - 2 sentences):	Earthquake retrofit of Oak View #2 and Rincon #2 Reservoir tanks.			
Project Integration (Describe how the project does or could integrate with other projects in the Region):	This project is a separate project but has the ability to complement other projects in the watershed that seek to secure water reliability during an earthquake.			
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):	Project is not included in Watershed plan but meets Watershed Plan objectives.			
Project Location				
Descriptive (Description of property location etc., sub-watershed, if available):	The project would take place in two locations on Casitas MWD property. One in the Rincon area north of the City of Ventura near the coast (Longitude: -119.452836; Latitude: -34.380534) and the other project would be further inland in Oak View (Longitude: -119.292573 and Latitude: -34.404085).			
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input checked="" type="checkbox"/>	Countywide <input type="checkbox"/>
Latitude/Longitude - info at http://geoc	Lat: -34.38053	Long: -119.452836		
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):	Project Cost: Estimated	<\$100K <input type="checkbox"/>	\$100K - \$1M <input checked="" type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:	2011 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project Benefits				
Water Supply: New Supply Created (AFY) (Check one)	1-100 AF <input type="checkbox"/>		100-1000AF <input type="checkbox"/>	1000+ AF <input type="checkbox"/>
Water Quality	Area Drained: and/or <input type="checkbox"/>	Time Treated: <input type="checkbox"/>		
Public Access, Open Space, Habitat, Recreation (acres created/restored):				
Other: (Describe X amount of benefit)				

The main benefit of the project would be to ensure water reliability after an earthquake in the Ventura watershed. The Oak View and Rincon Reservoir tanks ensure that there is enough pressure in Casitas's distribution system to serve areas that are not gravity fed. If an earthquake occurred during drought conditions, a significant portion of the Ventura Watershed North and North West of the City of Ventura could be at risk for a sustained water delivery shut-off period. This area includes over 200 agricultural customers and about a dozen resale agencies to include the Golden State Water Company serving the City of Ojai, Meiners Oaks County Water District, Ventura River County Water District, and Senior Canyon Mutual Water Company. The area impacted would represent approximately half of the District's 65,000 population. The project would also have the capacity of protecting hundreds of orchard customers from potential permanent agricultural losses after an earthquake should a lapse in irrigation result in the loss of full grown trees.

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively intergrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Managemet
- Groundwater Aquifer Remediation

-
-
-
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
- Urban Water Use Efficiency
- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*
-

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

Note: This project identification short form gathers the minimum amount of information required to submit a project for consideration in the IRWMP. More information may be required at a later date. This form may be printed, filled out by hand and mailed back to Lynn Rodriguez - Ventura County Executive Office 800 So. Victoria Ave. Ventura, CA 93009 OR electronically filled out and emailed to:

lynn.rodriguez@ventura.org

General Information					
Project Name:	V-10 Rice Creek Re-alignment and Enhancement				
Project Sponsor:	Ojai Valley Land Conservancy				
If Joint Project, Other Partners:					
Project Website (if available):	NA				
Project Contact Person:	Phone	FAX	Email		
Brian Stark	805-649-6852	805-649-8913	brian@ovlc.org		
Project Description					
Project Description (1 -2 sentences):					
This project on the OVLC's Ventura River Preserve returns Rice Creek to its approximate historical location from its current channelized location. The project will add over 1,500 feet of new riparian habitat on the site and reestablish floodplain connections and buffer habitats. Benefits include the creation of 2 acres of riparian habitat, 12 acres of floodplain habitat, and 34 acres of buffer habitats. All serve to shade the water to keep it cool and reduce algal blooms, reduce sedimentation in the Rice Creek and the Ventura River via erosion control, increase the numbers and variety of wildlife, and act as infiltration areas to support water storage for the Ventura River. A conceptual restoration plan has been prepared and match funding is in place.					
Project Integration (Describe how the project does or could integrate with other projects in the Region):					
This project is consistent with watershed-wide plans to improve riparian and wetland habitats, to manage stormwater and water quality, reduce algal blooms, and to maximize infiltration of water to re-charge groundwater. These actions are specifically referenced in the Ventura River Watershed IRWMP Plan, the federal recovery plan for steelhead, local NPDES Plans, and Ventura County's General Plan.					
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):					
This project is specifically described in the "Restoration Plan for the El Nido Ventura River Preserve" prepared in 2006 for the California Coastal Conservancy.					
Project Location					
Descriptive (Description of property location etc., sub-watershed,if available):					
The project is in the Ventura River watershed in the Ojai Valley community of Meiners Oaks. The project site / preserve is bounded by Rice Rd., Rancho Matilija, and the Los Padres national Forest. All the land drains directly into the Ventura River via Rice Creek.					
Watershed (Check all that apply):	Calleguas Creek <input type="checkbox"/>	Santa Clara River <input type="checkbox"/>	Ventura River <input checked="" type="checkbox"/>	Countywide <input type="checkbox"/>	
Latitude/Longitude - info available at:	http://geocoder.us/		Lat: N34.4573	Long: W-119.2944	
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):					
Project Cost:	\$500,000	<\$100K <input type="checkbox"/>	\$100K - \$1M <input checked="" type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):		Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>
Estimated Year of Construction:	2011				
Project Benefits					

Water Supply: NA (Check one)	<input type="checkbox"/> 1-100 AF	<input type="checkbox"/> 100-1000AF	<input type="checkbox"/> 1000+ AF
Water Quality - Yes	Area Drained: and/or 558 acres	Volume Treated:	
Public Access, Open Space, Habitat, Recreation (acres created/restored):	48 acres restored		
Other: (Describe X amount of benefit)			
The project site is currently open to the public for recreational and educational purposes. Annual visitors are estimated at 15,000.			

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
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- Effectively intergrate water management with land use planning
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- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Managemet
- Groundwater Aquifer Remediation
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
- Urban Water Use Efficiency
- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management

- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

**WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form**

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lynn.rodriguez@ventura.org

General Information						
Project Name:	R-1 Ventura County Regional Urban Landscape Water Use Efficiency Program					
Project Sponsor:	City of Oxnard					
If Joint Project, Other Partners:	TBD					
Project Website (if available):	None					
Project Contact Person:	Phone	FAX	Email			
Dakota Corey	(805) 385-8143	(805) 385-8137	Dakota.Corey@ci.oxnard.ca.us			
Project Description						
Project Description (1 -2 sentences):						
This project will include water use efficiency surveys for targeted irrigated landscapes (primarily urban) in Ventura County. Upon completion of the survey, participants will be eligible to receive devices to help them reduce the amount of water applied to the landscape including weather-based irrigation controllers and low precipitation rate sprinkler nozzles.						
Project Integration (Describe how the project does or could integrate with other projects in the Region):						
Water use efficiency is one strategy in a portfolio of different approaches to addressing the Region's water supply constraints. It is easy to implement and cost effective. This project is truly regional in scope, with participants from all 3 watersheds.						
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):						
All urban water providers with greater than 3,000 service connections must implement water use efficiency programs in order to comply with the 2009 Water Conservation Act as outlined in their Urban Water Management Plans. Agencies that are members of the California Urban Water Conservation Council must also implement water conservation best management practices, and many agencies have planning documents outlining how to achieve water conservation goals.						
Project Location						
Descriptive (Description of property location etc., sub-watershed, if available):						
TBD: Irrigated landscapes in Ventura County. Agencies from all 3 of the County's watersheds will be participating. This project is truly regional in scope.						
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input checked="" type="checkbox"/>	Ventura River <input checked="" type="checkbox"/>	Countywide <input checked="" type="checkbox"/>		
Latitude/Longitude - info available at:	http://geocoder.us/		Lat:	Long:		
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):						
Project Cost:	TBD: Depends on participation of additional agencies	<\$100K <input type="checkbox"/>	\$100K - \$1M <input checked="" type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>	
Project Status (Check one):	CEQA not required; easy & quick to implement <input type="checkbox"/>	Conceptual <input type="checkbox"/>	In-Design <input checked="" type="checkbox"/>	Ready for Construction <input type="checkbox"/>	CEQA Complete <input type="checkbox"/>	
Estimated Year of Construction:	The program can be implemented in the same year grant funds are received.					
Project Benefits						
Water Supply: <i>New Supply Created (AFY)</i> (Check one)	<input type="checkbox"/>	1-100 AF	<input type="checkbox"/>	100-1000AF	<input type="checkbox"/>	1000+ AF
Water Quality	Area Drained: and/or			Volume Treated:		

Public Access, Open Space, Habitat, Recreation (acres created/restored): None

Other: (Describe X amount of benefit)

Landscape surveys in conjunction with the installation of water saving devices/technology have been shown to reduce landscape water use by 10-30%. In addition to these water savings, improving the efficiency of landscape irrigation reduces urban runoff and, as a result, improves water quality.

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

- Include regional projects and programs
- Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
- Effectively resolve significant water-related conflicts within or between regions
- Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program
- Address critical water supply or water quality needs of disadvantaged communities within the region
- Effectively integrate water management with land use planning
- For eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of in stream erosion and sedimentation, and groundwater recharge.
- Address statewide priorities

General Goals

- Include integrated projects with multiple benefits
- Support and improve local and regional water supply reliability
- Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

IRWM Plan Objectives

- Reduce dependence on imported water and protect, conserve and augment water supplies
- Protect and Improve Water Quality
- Protect people, property and the environment from adverse flooding impacts
- Protect and restore habitat and ecosystems in watersheds
- Provide water-related recreational, public access and educational opportunities

IRWM Resource Management Strategies

- Ecosystem Restoration
- Forest Management
- Surface Storage -CALFED
- Flood Risk Management
- Groundwater Aquifer Remediation
- Recharge Area Protection
- Water Dependent Recreation
- System Reoperation
- Urban Water Use Efficiency
- Agricultural Water Use Efficiency
- Economic Incentives
- Water Quality Protection and Improvement
- Salt and Salinity Management
- Recycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
-

- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Fog Collection*
- Irrigation Land Retirement*
- Rainfed Agriculture*
- Crop Idling for Water Transfers*
- Dewvaporation or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

CALLEGUAS CREEK WATERSHED
WATERSHEDS COALITION OF VENTURA COUNTY
INTEGRATED REGIONAL WATER MANAGEMENT PLAN
CALL FOR PROJECT CONCEPTS AND INFORMATION
Project Identification Short Form

Note: This project identification short form gathers the minimum amount of information required to submit a project for consideration in the Prop. 84 IRWM Implementation Grant Proposal for the WCV. More information may be required at a later date. Please complete electronically and email to Lynn Rodriguez@ventura.org
lynn.rodriquez@ventura.org

General Information				
Project Name:	R-2 Implementation of Best Management Practices, BMPs, for agricultural water use. Distribution uniformity improvements in irrigation systems.			
Project Sponsor:	Farm Bureau /Ventura County Agricultural Irrigated Lands Group (VCAILG)			
If Joint Project, Other Partners:	public agency needed for partnership, Ventura County Resource Conservation District (RCD)			
Project Website (if available):	http://farmbureauvc.com/water_quality.html			
Project Contact Person:	Phone	FAX	Email	
Dale Zurawski	805-289-0155		dale@farmbureauvc.com	
Project Description				
Project Description (1 -2 sentences):				
Distribution Uniformity (DU) analysis followed by irrigation improvements that lead to more efficient water use and reduced irrigation runoff.				
Project Integration (Describe how the project does or could integrate with other projects in the Region):				
Projects dealing with increasing water supply through salinity management or recycled water integrate with this project. This project targets more efficient water usage for agriculture which is the largest water user in the county. Potential water quality improvements from reduced runoff integrates with other water quality projects				
Project Source (Cite Plan(s) to which the project belongs (e.g., TMDL Implementation Plans, Watershed Master Plans)):				
TMDL implementation plans countywide. Conditional Waiver's Water Quality Management Plan for agriculture, and all three watershed's resource management strategies.				
Project Location				
Descriptive (Description of property location etc., sub-watershed,if available):				
All three watersheds in Ventura County have agricultural lands with the potential for improved DU. All crops types can benefit from DU improvements.				
Watershed (Check all that apply):	Calleguas Creek <input checked="" type="checkbox"/>	Santa Clara River <input checked="" type="checkbox"/>	Ventura River <input type="checkbox"/>	Countywide <input checked="" type="checkbox"/>
Latitude/Longitude - info available at: http://geocoder.us/		Lat:	Long:	
Estimated Capital Costs: (Note estimated cost, if known OR check rough estimate):				
Project Cost:	<\$100K <input type="checkbox"/>	\$100K-\$1M <input checked="" type="checkbox"/>	\$1M - \$10M <input type="checkbox"/>	>\$10M <input type="checkbox"/>
Project Status (Check one):	Conceptual <input type="checkbox"/>	In-Design <input type="checkbox"/>	Ready for Construction <input checked="" type="checkbox"/>	CEQA Complete <input checked="" type="checkbox"/>
Estimated Year of Construction:	DU analysis is currently being performed by RCD. This proposal would fund required improvements			
Project Benefits				
Water Supply: New Supply Created (AFY) (Check one)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	1-100 AF	100-1000AF	1000+ AF	
Water Quality	Area Drained: and/or 93000 acres		Volume Treated:	253531 AF/Y
Public Access, Open Space, Habitat, Recreation (acres created/restored):				
Other: (Describe X amount of benefit)				
Irrigated agriculture occurs on approximately 93,000 acres and uses an estimated 253,531 AF/Y of water from all sources. Reduced irrigation runoff from the 93,000 acres would provide water quality improvements in both surface and groundwater. Any reduced demand by agriculture would increase water supplies for other uses. A 1% reduction in irrigation water use could potentially lead to				

Project Readiness

Matching funds available (25% match)

Administrative and cash flow capacity (dedicated staff and cash reserve to bridge delayed State reimbursements)

Environmental (CEQA etc.) and discretionary approval complete or nearly complete

2005 Urban Water Management Plan deemed complete by DWR, if applicable to project proponent

projects with potential groundwater impacts, beneficial or negative, can the project proponent demonstrate compliance with groundwater management plan requirements? (Draft Proposal Solicitation Package, IRWM Implementation Grant, March 2010, DWR, p. 17)

urban water suppliers, can you demonstrate compliance with AB1420 water efficiency requirements? See www.water.ca.gov/wateruseefficiency/finance

If you are an urban or agricultural water purveyors, can you document compliance with the water meter implementation compliance requirements of Water Code Sections 525-529.7? See www.water.ca.gov/wateruseefficiency/finance.

www.water.ca.gov/wateruseefficiency/finance

Project Criteria

Please review the project against the Statewide Priorities, Program Preferences, IRWM Objectives and IRWM Water Management Strategies and place a check in the box if the project meets the criteria.

Program Preferences

Include regional projects and programs

Effectively integrate water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR

Effectively resolve significant water-related conflicts within or between regions

Contribute to attainment of one or more of the objectives of the CALFED Bay-Delta Program

Address critical water supply or water quality needs of disadvantaged communities within the region

Effectively intergrate water management with land use planning

Eligible SWFM funding, projects which: a) are not receiving state funding for flood control or flood prevention projects pursuant to PRC 5096.824 or 75034 or b) provide multiple benefits, including, but not limited to, water quality improvements, ecosystem benefits, reduction of instream erosion and sedimentation, and groundwater recharge.

Address statewide priorities

General Goals

Include integrated projects with multiple benefits

Support and improve local and regional water supply reliability

Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards

WCV IRWM Plan Objectives (2006)

Reduce dependence on imported water and protect, conserve and augment water supplies

Protect and Improve Water Quality

Protect people, property and the environment from adverse flooding impacts

Protect and restore habitat and ecosystems in watersheds

Provide water-related recreational, public access and educational opportunities

IRWM Resource Management Strategies

Ecosystem Restoration

Forest Management

Surface Storage -CALFED

Flood Risk Management

Groundwater Aquifer Remediation

Charge Area Protection

Water Dependent Recreation

System Reoperation

Urban Water Use Efficiency

Agricultural Water Use Efficiency

Economic Incentives

Water Quality Protection and Improvement

Salt and Salinity Management

- Cycled Municipal Water
- Conjunctive Management and Groundwater Storage
- Desalination Brackish and Seawater
- Land Use Planning and Management
- Pollution Prevention
- Surface Storage - Regional/Local
- Watershed Management
- Drinking Water Treatment and Distribution
- Agricultural Lands Stewardship
- Matching Quality to Use
- Urban Runoff Management
- Conveyance-Regional/Local
- Conveyance-Delta
- Precipitation Enhancement
- Water Transfers

Other Resource Management Strategies

- Wastewater Collection*
- Watershed Land Retirement*
- Conservation Agriculture*
- Crop Idling for Water Transfers*
- Membrane Vaporization or Atmospheric Pressure Desalination*
- Waterbag Transport/Storage Technology*

2010 Administrative Addendum

APPENDIX 2

**WVCV General Membership
Summary of Meeting
September 16, 2010**

2010 Administrative Addendum



Watersheds Coalition of Ventura County (WCVC)

MEETING #27

THURSDAY, SEPTEMBER 16, 2010

**Ventura County Government Center, 800 S. Victoria Avenue, Ventura
Hall of Administration**

MEETING SUMMARY

Chair: Sue Hughes County of Ventura CEO's Office

1. **Proposition 84 IRWM Planning Grant**
 - a. **ACTION ITEM:** Adopt Authorizing Resolution Directing County of Ventura to apply for the Proposition 84 IRWM Planning Grant
Action Taken: WCVC members voted unanimously to authorize the County of Ventura to apply to DWR for Planning Grant funds to update the WCVC IRWM Plan and include two special studies.
2. **Proposition 84 IRWM Implementation Grant**
 - a. **Approve the WCVC Steering Committee recommendations regarding the suite of projects for inclusion in the Proposition 84 Implementation Grant application**
Action Taken: WCVC Members voted unanimously to approve the suite of 9 projects approved by the Steering Committee. The approved project list is attached to these minutes. (*NOTE: Subsequently one project proponent - Ventura County Farm Bureau - requested that their project - R-2 - Agricultural BMP Implementation Project - be removed from the list of projects; there are 8 projects remaining on the list for the application.*)
 - b. **Administrative Addendum to IRWM Plan to Include New Projects**
Action Taken: WCVC Members unanimously agreed to authorize staff to prepare an administrative addendum to the WCVC IRWM Plan to include those projects identified in the Call for Projects and to provide more detailed descriptions for projects that have been further developed for implementation.
 - c. **Determine entity that will apply on behalf of WCVC for the Proposition 84 Implementation Grant and direct staff to prepare authorizing resolution**
Action Taken: WCVC members unanimously agreed to authorize the County of Ventura to apply on their behalf for Implementation Grant funds for the suite of projects adopted in Item 3a. above. It was further agreed that a resolution should be adopted by the Ventura County Board of Supervisors authorizing the CEO's office to apply for the Implementation Grant. Sue Hughes reported that the resolution would be taken to the Board of Supervisors at a meeting in mid-December

2010 Administrative Addendum

Project Name	Project Proponent	Project Cost	Grant Funding Requested
CSUCI Round Mountain Wellwater Desalter	Camrosa	\$ 5,013,800	\$ 2,300,000
Calleguas Regional Salinity Management Pipeline, Phase 2A	Calleguas MWD	\$ 15,000,000	\$ 3,750,000
Camrosa/CamSan Interconnection	Camarillo Sanitary District	\$ 5,500,000	\$ 2,750,000
Seawater Barrier Pilot Well	United Water Conservation District	\$ 1,150,000	\$ 500,000
Natural Floodplain Protection Program	The Nature Conservancy	\$ 4,507,500	\$ 3,000,000
Piru Treatment Plant Tertiary Upgrade	Ventura County Waterworks District	\$ 3,986,841	\$ 3,750,000
Ojai Meadows Project Completion	Ojai Valley Land Conservancy	\$ 626,613	\$ 500,000
Landscape Water Surveys & Irrigation System Improvements	City of Oxnard	\$ 1,280,798	\$ 960,599
Agricultural Water Efficiency Surveys - BMP Implementation	Ventura County Farm Bureau	\$ 1,000,000	\$ 720,000
	Total	\$ 38,065,551	\$ 18,230,599

NOTE: This table was modified following approval by the WCVL to reflect budget changes and clarifications made by project proponents. The project names listed here do not reflect the names used in the Grant Proposal