

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

BUDGET SUMMARY

This budget summary provides a budget summary for the overall Proposal and each project in the proposal.

PROPOSAL BUDGET

Proposal Summary Budget (PSP Table 8)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Individual Project Title		(a)	(b)	(c)	(d)	(e)
		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)	Cost Share: Other State Funding Sources	Total Cost	% Funding Match
(a)	Ventura County Agricultural WUE Program	\$ 1,705,920	\$ 800,000	\$ -	\$ 2,505,920	32%
(b)	Salinity Management Pipeline, Phase 2D	\$ 1,875,000	\$ 5,857,725	\$ -	\$ 7,732,725	76%
(c)	Pleasant Valley Well	\$ 900,000	\$ 608,643	\$ -	\$ 1,508,643	40%
(d)	El Rio Retrofits for Groundwater Recharge	\$ 962,001	\$ 320,668	\$ -	\$ 1,282,669	25%
(e)	Groundwater Recharge and Reuse Project	\$ 1,125,000	\$ 620,800	\$ -	\$ 1,745,800	36%
(f)	Lake Casitas Aeration	\$ 890,272	\$ 574,834	\$ -	\$ 1,465,106	39%
(g)	San Antonio Creek Arundo Removal	\$ 895,822	\$ 298,622	\$ -	\$ 1,194,444	25%
(h)	DAC Funding Match Waiver Total	\$ -	\$ -	\$ -	\$ -	
(i)	Grand Total	\$ 8,354,015	\$ 9,081,292	\$ -	\$ 17,435,306	52%

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

VENTURA COUNTY AGRICULTURAL WATER USE EFFICIENCY PROGRAM

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: Ventura County Agricultural Water Use Efficiency Program

Project serves a need of a DAC? Yes No

Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs	\$ 131,420			\$ 131,420
(b)	Land Purchase/Easement				
(c)	Planning/Design/Engineering/Environmental Documentation	\$ 34,000			\$ 34,000
(d)	Construction/Implementation	\$ 1,540,500	\$ 800,000		\$ 2,340,500
(e)	Grand Total, (a) through (d)	\$ 1,705,920	\$ 800,000	\$ 0	\$ 2,505,920

Sources of funding:

1 Match funds are equipment purchases by growers

2 There is no other State funding source being used for the Ventura County Agricultural Water Use Efficiency Program

Ventura County Watershed Protection District (VCWPD) has prepared a detailed budget for the Agricultural Water Use Efficiency Program to support the summary budget shown above. VCWPD has examined the grant tasks and deliverables in light of experience on the recent and similar project, Irrigation Mobile Lab, and in coordination with project partners Ventura County Farm Bureau, Ventura County Resource Conservation District, and University of California Cooperative Extension.

- Costs associated with Project Administration and Reporting tasks are based on experiences in managing a similar project, the Irrigation Mobile Lab. Administration costs, including labor compliance activities, are based on estimated hours for VCWPD staff, Ventura County Resource Conservation District staff, Ventura County Farm Bureau staff, and UC Cooperative Extension staff. Also included in administration costs are consultant fees for grant preparation.
- There are no Land Purchase/Easement costs associated with the program.
- Costs in the Planning/Design/Engineering/Environmental Documentation budget category include advertising and outreach and preparation of the Project Performance Monitoring Plan as well as the expense of preparing and filing the CEQA Notice of Exemption.
- Costs for Construction/Implementation are based on quotes provided by project partners for performing farm selection, irrigation efficiency reviews (Pre-BMP Reports), post-construction reviews, grower education activities (Post-BMP Reports), and processing of rebates. Rebates to growers are part of the Construction/Implementation cost. Match will come from equipment purchase by growers.

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

SALINITY MANAGEMENT PIPELINE, PHASE 2D

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: Salinity Management Pipeline, Phase 2D

Project serves a need of a DAC? Yes No

Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs		\$ 77,325		\$ 77,325
(b)	Land Purchase/Easement		\$ 352,759		\$ 352,759
(c)	Planning/Design/Engineering/Environmental Documentation		\$ 815,130		\$ 815,130
(d)	Construction/Implementation	\$ 1,875,000	\$ 4,612,511		\$ 6,487,511
(e)	Grand Total, (a) through (d)	\$ 1,875,000	\$ 5,857,725	\$ 0	\$ 7,732,725

Sources of funding:

1 Calleguas Municipal Water District Capital Improvement Funds

2 There is no other State funding source being used for Salinity Management Pipeline, Phase 2D

Calleguas Municipal Water District has prepared a detailed budget for the Salinity Management Pipeline (SMP), Phase 2D to support the summary budget shown above. Calleguas has examined the grant tasks and deliverables and, based on extensive similar project management experience, has taken care to make sure costs are reasonable given currently available information.

- Costs associated with Administration and Reporting tasks are based on similar experiences in managing Proposition 50 and Proposition 84 grants for earlier phases of the SMP. Labor Compliance costs are based on the pricing schedule used by the labor compliance consultant on previous Calleguas projects.
- Land Purchase/Easement Costs are based on existing land appraisals for all parcels.
- The primary cost in the Planning/Design/Engineering/Environmental Documentation budget category is design. Design is already at 90%, and therefore design costs are based on actual costs. The budget includes \$2,700 to cover NPDES permit fees (for both permits), \$11,500 for Ventura County encroachment permit fees, and \$2,000 to cover VCWPD encroachment permit fees. These estimates come from experience on SMP 2A, and costs are expected to be similar for SMP 2D. Caltrans does not charge public agencies for encroachment permits, and Camarillo's charges are expected to be negligible.
- Costs for actual construction are based on estimates from the design engineer, and these have been cross-checked based on experience with earlier phases of the SMP. Additional construction-related costs such as those for materials testing, pipeline fabrication, inspection, have been estimated based on costs for similar projects.

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

PLEASANT VALLEY WELL

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: Pleasant Valley Well

Project serves a need of a DAC? Yes No

Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs		\$ 37,643		\$ 37,643
(b)	Land Purchase/Easement		\$ 107,000		\$ 107,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$ 100,000	\$ 114,000		\$ 214,000
(d)	Construction/Implementation	\$ 800,000	\$ 350,000		\$ 1,150,000
(e)	Grand Total, (a) through (d)	\$ 900,000	\$ 608,643	\$ 0	\$ 1,508,643

Sources of funding:

1 Camrosa Water District Capital Improvement Funds and in-kind services by Camrosa Water District staff

2 There is no other State funding source being used for the Pleasant Valley Well

Camrosa Water District (Camrosa) has prepared a detailed budget for the Pleasant Valley Well to support the summary budget shown above. Camrosa prepared the budget based on tasks necessary to complete the Pleasant Valley Well and had the budget reviewed by a consultant to verify estimates are reasonable for the type of project.

- Costs associated with Project Administration and Reporting tasks are based on similar experiences in managing a Proposition 84 grant adjusted for the duration of the Pleasant Valley Well. Labor Compliance costs are based on the pricing schedule used by the labor compliance consultant on previous Camrosa projects.
- Land Purchase/Easement Costs are based on actual land appraisal costs and appraisal valuations.
- Costs in the Planning/Design/Engineering/Environmental Documentation budget category are based on actual costs for the well siting study and consultant quotes. These costs also include \$2,000 in CEQA filing fees and \$7,000 to cover well drilling permit and CDPH permit fees.
- Costs for actual construction are based on estimates from the hydrogeologist. Costs associated with construction contracting and construction administration have been estimated as a percentage of construction costs.

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

EL RIO RETROFITS FOR GROUNDWATER RECHARGE

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: El Rio Retrofits for Groundwater Recharge

Project serves a need of a DAC? Yes No

Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs		\$ 42,993		\$ 42,993
(b)	Land Purchase/Easement				
(c)	Planning/Design/Engineering/Environmental Documentation		\$ 139,066		\$ 139,066
(d)	Construction/Implementation	\$ 962,001	\$ 138,609		\$ 1,100,610
(e)	Grand Total, (a) through (d)	\$ 962,001	\$ 320,668	\$ 0	\$ 1,282,669

Sources of funding:

1 County of Ventura Capital Improvement Funds and in-kind services by Ventura County Watershed Protection District staff

2 There is no other State funding source being used for the El Rio Retrofits for Groundwater Recharge

The Ventura County Watershed Protection District has prepared a detailed budget for the El Rio Retrofits for Groundwater Recharge to support the summary budget shown above. Costs are based on a current project being performed by the Ventura County Watershed Protection District and related costs.

- Costs associated with Administration and Reporting tasks are based on similar experiences in managing Phases I and II of a pervious concrete gutter pilot project in Lots A and B of the Ventura County Government Center. Administration costs are based on estimated hours for staff including labor compliance staff and a grant administration consultant.
- There are no Land Purchase/Easement costs associated with the program.
- Design and Assessment and Evaluation activities are the primary costs in the Planning/Design/Engineering/Environmental Documentation budget category. Plans and specifications are more than 75% complete, and therefore design costs are well-defined. Assessment and evaluation costs related to the installation and monitoring of a flow monitoring station are also included. A similar activity was completed during Phase I of the pervious concrete gutter pilot project at the Ventura County Government Center, and therefore monitoring costs are based on that recent project experience. The budget also includes costs of completing and filing the Notice of Exemption and obtaining the necessary encroachment permit.
- Costs for construction are based on estimates from the design engineer. Costs are based on installed costs for volumes/units of the various materials that will be needed to implement the project. Costs associated with construction contracting and construction administration have been estimated as a percentage of construction costs.

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

GROUNDWATER REPLENISHMENT AND REUSE PROJECT

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: Groundwater Replenishment and Reuse Project

Project serves a need of a DAC? Yes No

Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs		\$ 85,800		\$ 85,800
(b)	Land Purchase/Easement				
(c)	Planning/Design/Engineering/Environmental Documentation		\$ 45,000		\$ 45,000
(d)	Construction/Implementation	\$ 1,125,000	\$ 490,000		\$ 1,615,000
(e)	Grand Total, (a) through (d)	\$ 1,125,000	\$ 620,800	\$ 0	\$ 1,745,800

Sources of funding:

1 Wastewater revenues for the City of Oxnard and in-kind services by City of Oxnard staff

2 There is no other State funding source being used for the Groundwater Replenishment and Reuse Project

The City of Oxnard (Oxnard) has prepared a detailed budget for the Groundwater Replenishment and Reuse Project to support the summary budget shown above. Oxnard prepared the budget based on tasks necessary to complete the project and had the budget reviewed by a consultant to verify estimates are reasonable for the type of project.

- Costs associated with Administration and Reporting tasks are based on similar experiences in managing Proposition 50 grants adjusted for the duration of the Groundwater Replenishment and Reuse Project. Labor Compliance costs are based on the pricing schedule used by the labor compliance consultant on previous Oxnard projects.
- The project will be constructed within City property. No land purchase or easement acquisition is required for implementing this project.
- Design costs for the Hydrogeological Study (2013) are known and the estimate of final design cost was provided by the design engineer. This budget also includes costs for obtaining the well drilling permit and working with the California Department of Public Health to acquire the Title 22 permit.
- Construction costs were estimated as part of the completed Hydrogeological Study. Costs associated with construction contracting and construction administration have been estimated as a percentage of construction costs.

**WATERSHEDS COALITION OF VENTURA COUNTY
2014 Drought Grant Proposal**

LAKE CASITAS AERATION

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: Lake Casitas Aeration

Project serves a need of a DAC? Yes No

Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs		\$ 65,233		\$ 65,233
(b)	Land Purchase/Easement				
(c)	Planning/Design/Engineering/Environmental Documentation		\$ 127,641		\$ 127,641
(d)	Construction/Implementation	\$ 890,272	\$ 381,960		\$ 1,272,232
(e)	Grand Total, (a) through (d)	\$ 890,272	\$ 574,834	\$ 0	\$ 1,465,106

Sources of funding:

1 Casitas Municipal Water District Capital Budget and in-kind staff services

2 There is no other State funding source being used for Lake Casitas Aeration

Casitas Municipal Water District (Casitas) has prepared a detailed budget for Lake Casitas Aeration to support the summary budget shown above. Casitas and their design engineer have examined the grant tasks and deliverables and have provided close review to make sure costs are reasonable given currently available information.

- Costs associated with Administration and Reporting tasks are based on similar experiences in managing a Proposition 50 grant. Also included in administration costs are consultant fees for grant administration and grant preparation. Labor Compliance costs are based on the pricing schedule used by the labor compliance consultant on previous Casitas projects.
- There are no Land Purchase/Easement costs associated with Lake Casitas Aeration.
- Costs for the *Lake Casitas Water Quality Study and Feasibility Study of a Hypolimnetic Oxygenation System for Lake Casitas* are known. Design costs are based on the contract with the design engineer. This cost also includes time for the project engineer to obtain the necessary MP620 permit and staff time to prepare the CEQA Notice of Exemption.
- Construction costs were estimated as part of the earlier feasibility studies. The consultant has estimated \$595,100 for diffuser equipment purchase and installation and \$556,900 equipment purchase and installation costs for the oxygen supply facility. Costs associated with construction contracting and construction administration have been estimated as a percentage of construction costs.

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2014 Drought Grant Proposal**

SAN ANTONIO CREEK ARUNDO REMOVAL

Project Budget (PSP Table 7)

Proposal Name: Watersheds Coalition of Ventura County 2014 IRWM Drought Grant

Project Title: San Antonio Creek Arundo Removal

Project serves a need of a DAC? Yes No
 Funding Match Waiver request? Yes No

		(a)	(b)	(c)	(d)
Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match) ¹	Cost Share: Other State Fund Source ²	Total Cost
(a)	Direct Project Administration Costs	\$ 77,124	\$ 4,000		\$ 81,124
(b)	Land Purchase/Easement				
(c)	Planning/Design/Engineering/Environmental Documentation	\$ 52,650	\$ 14,980		\$ 67,630
(d)	Construction/Implementation	\$ 766,048	\$ 279,642		\$ 1,045,690
(e)	Grand Total, (a) through (d)	\$ 895,822	\$ 298,622	\$ 0	\$ 1,194,444

Sources of funding:

1 Ojai Valley Land Conservancy project funds and in-kind services by Ojai Valley Land Conservancy staff

2 There is no other State funding source being used for the San Antonio Creek Arundo Removal

Ojai Valley Land Conservancy (OVLC) prepared a detailed budget for the San Antonio Creek Arundo Removal to support the summary budget shown above. OVLC has examined the grant tasks and deliverables in light of experience on the recent and similar project, the Ojai Meadows Ecosystem Restoration Project, funded by Proposition 84.

- Costs associated with Administration and Reporting tasks are based on similar experiences in managing a similar project. Administrative costs are based on estimated hours for OVLC administrative staff, costs for labor compliance, and a grant management consultant. Also included in administration costs are consultant fees for grant preparation.
- There are no Land Purchase/Easement costs associated with the program.
- Costs in the Planning/Design/Engineering/Assessment and Evaluation budget include time for the OVLC Conservation Coordinator to prepare the Final Implementation Plan and contract documents, develop the Project Performance and Monitoring Plan, ready a Streambed Alteration Agreement application, and to provide input to the California Department of Fish and Wildlife for CEQA review. Also included in this cost is 4 years of Annual Monitoring Reports.
- Costs for Construction/Implementation are based on recent contractual costs for arundo removal. Four years of retreatment are anticipated and budgeted. Revegetation, including installation of necessary irrigation equipment, will be done by OVLC staff and the budget reflects these costs (plants, staff, and irrigation equipment). The budget includes costs to support monitoring and irrigation of revegetated sites for a three year period and construction administration to be performed by OVLC staff.