



Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant
Attachment 4 – Budget

Introduction

This Attachment provides a discussion of the overall Proposal budget as well as the six individual projects. A Summary Budget (per Table 8 of the PSP) provides a snapshot of the overall Proposal costs. Each individual project budget is broken down by work plan tasks (per Table 7 of the PSP) and is consistent with Attachment 3 Work Plan and Attachment 5 Schedule.

This Proposal has an estimated total cost of approximately \$68,412,104. Of this amount, \$17,998,300 is being requested in grant funding and \$50,413,804 or 74 percent will be contributed by Project Proponents as matching funds.

Contingencies included in project budgets vary based on the level of planning or design, specific challenges for construction or implementation of an individual project, and other site- and project-specific factors.

Proposal Title: Watersheds Coalition of Ventura County Proposition 84 Implementation Grant						
		(a)	(b)	(c)	(d)	(e)
Project		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost	% Funding Match
(a)	C-20. North Pleasant Valley Groundwater Desalter	\$ 5,000,000	\$ 37,781,600	\$ -	\$42,781,600	88%
(b)	C-21. West Simi Valley Water Recycling Project Phases 1 and 2	\$ 3,000,000	\$ 6,604,000	\$ -	\$ 9,604,000	69%
(c)	C-22. Moorpark Recycled Water Project Phase IV	\$ 2,000,000	\$ 2,200,000	\$ -	\$ 4,200,000	52%
(d)	SC-12B. South Oxnard Stormwater Flood Management and Community Enhancement Phase 2B	\$ 4,500,000	\$ 2,427,490	\$ -	\$ 6,927,490	35%
(e)	SC-13. Invasive Plant Removal, Ecosystem Restoration, and Habitat Protection in the Santa Clara River	\$ 1,998,300	\$ 887,723	\$ -	\$ 2,886,023	31%
(f)	V-11. Ventura River Invasive Plant Removal and Ecosystem Restoration Project	\$ 1,500,000	\$ 512,991	\$ -	\$ 2,012,991	25%
(g)	Proposal Total (sum of rows a to f)	\$17,998,300	\$ 50,413,804	\$ -	\$68,412,104	74%
(h)	DAC Funding Match Waiver Total	\$ -	\$ -	\$ -	\$ -	
(i)	Grand Total (row g minus row h)	\$17,998,300	\$ 50,413,804	\$ -	\$68,412,104	74%

* Non-State funding sources for match include local funds, federal grants, and in-kind services.

** Not applicable, no other State funding sources

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Proposal Title: Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant					
Project Title: C-20. North Pleasant Valley Groundwater Desalter					
Project serves a need of a DAC?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Funding Match Waiver Request		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost
(a)	Direct Project Administration Costs	\$ -	\$ 357,500	\$ -	\$ 357,500
(b)	Land Purchase/Easement	\$ -	\$ 400,000	\$ -	\$ 400,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$ -	\$ 2,856,800	\$ -	\$ 2,856,800
(d)	Construction/Implementation	\$ 5,000,000	\$ 27,590,500	\$ -	\$ 32,590,500
(e)	Environmental Compliance/Mitigation/Enhancement	\$ -	\$ 76,800	\$ -	\$ 76,800
(f)	Construction Administration	\$ -	\$ 3,250,000	\$ -	\$ 3,250,000
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ -	\$ 3,250,000	\$ -	\$ 3,250,000
(i)	Grand Total, (a) through (h)	\$ 5,000,000	\$ 37,781,600	\$ -	\$ 42,781,600

* Non-State Funding sources for match include local funds from City of Camarillo, City of Thousand Oaks, and Camrosa Water District

** Not applicable, no other State funding sources

The North Pleasant Valley (NPV) Groundwater Desalter has an estimated total cost of \$42,781,600; \$5,000,000 in Proposition 84 grant funds are being requested and will be applied toward project construction and implementation. The remaining funds, approximately 88% of project costs, will be provided as funding match.

Funding Sources

Funding match for the project totals \$37,781,600. These funds will be shared among the project partners and have been programmed in the City of Camarillo Capital Improvement Plan (~\$22.5 million), City of Thousand Oaks Capital Improvement Plan (~\$7.5 million), and Camrosa Water District Capital Improvement Plan (~\$7.5 million).

Budget Category (a): Direct Project Administration

Direct project administration costs total \$357,500 and will be fully covered by funding match. Individual tasks include Administration (Task 1), Labor Compliance (Task 2) and Reporting (Task 3), which will be performed by the City of Camarillo and in coordination with relevant consultants. Individual task costs are calculated as percentages of the total approximate construction cost (\$32,500,000), based on prior IRWMP grant experience, and as shown in the table below.

Task	% of Total Construction Cost	Total Project Cost	Task Cost
Task 1: Administration	0.3	\$ 32,500,000	\$ 97,500
Task 2: Labor Compliance	0.5	\$ 32,500,000	\$ 162,500
Task 3: Reporting	0.3	\$ 32,500,000	\$ 97,500
Total Cost Category (a)			\$ 357,500

Estimated costs consider supplies, printing and couriers for administration activities, contracted labor compliance for 2 years during construction, and reporting activities, which will include reporting relating to grant agreement compliance. Direct Project Administration costs make up approximately 1 percent of total project costs.

Budget Category (b): Land Purchase/Easement

Budget Category (b), Task 4, costs total \$400,000 and will be fully covered by funding match. These costs are estimated for the purchase of five acres of land at \$75,000 per acre, based on per acre costs previously incurred as part of the Salinity Management Pipeline which purchased land in 2011 in a nearby location. These land costs were for the purchase of agricultural land, which is considered an appropriate assumption given the agricultural land uses in the vicinity of the NPV Groundwater Desalter. Also included are \$25,000 of fees for professional services related to the land purchase (appraisals).

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Costs for Budget Category (c) total \$2,856,800 and will be fully covered by funding match. This budget category includes costs for Assessment and Evaluation (Task 5), Design (Task 6) and Environmental Documentation (Task 7). The Assessment and Evaluation (Task 5) involves the assessment and evaluation needed to ensure project performance with grant requirements. Design (Task 6) costs are estimated at 8 percent of total construction costs (personal communication, City of Camarillo). Task 6 also includes the costs previously incurred to complete the North Pleasant Valley Desalter Groundwater Analysis and Modeling Report in 2012. An EIR (Task 7) will be prepared for this project but will be done using funding outside of this grant. Permitting costs are based on acquisition of permits including staff time to prepare permit applications and fees associated with the following: NPDES permit for stormwater discharges, amendment to the City’s Water Supply Permit with CDPH, and working with the Fox Canyon Groundwater Management Agency to finalize pumping allotment from the Pleasant Valley Groundwater Basin.

Task	Cost
Task 5. Assessment and Evaluation	\$ 22,000
<i>Preparation of Monitoring Plan and Project Performance Measures Plan</i>	\$ 22,000
Task 6. Design	\$ 2,675,000
<i>Pre-award costs for groundwater modeling and analysis</i>	\$ 75,000
<i>Design estimated to be 8% construction cost</i>	\$ 2,600,000
Task 7. Environmental Documentation	\$ -
<i>Environmental Impact Report (to be completed using funds separate from this grant)</i>	\$ -
Task 8. Permitting	\$ 159,800
<i>Fox Canyon GMA Approval (60hrs @ \$90/hr)</i>	\$ 5,400
<i>Preparation NPDES permits (60hrs @ \$90/hr)</i>	\$ 5,400
<i>Two years NPDES permit fees (based on 2013 Fee Schedule SWRCB)</i>	\$ 41,800
<i>Amendment to Water Supply Permit - CDPH (80hrs @ \$90/hr)</i>	\$ 7,200
<i>Connection fee SMP</i>	\$ 100,000
Total Cost Category (c)	\$ 2,856,800

Budget Category (d): Construction/Implementation

Construction and implementation costs total \$32,590,500, will be funded by Proposition 84 grant funds (\$5,000,000) and funding match (\$27,590,500). Tasks covered under this Budget Category include Coordination (Task 9), Construction Contracting (Task 10) and Construction/Implementation (Task 11).

Task	Cost
Task 9. Coordination	\$ 40,500
<i>Professional Services to Develop Joint Powers Authority (60hrs @ \$260/hr)</i>	\$ 15,600
<i>In-Kind cost to develop Joint Powers Authority (110hrs @ \$90/hr)</i>	\$ 9,900
<i>Public outreach</i>	\$ 15,000
Task 10. Construction Contracting	\$ 50,000
<i>Construction Contracting (20hr/week for 25 weeks @ \$100/hr)</i>	\$ 50,000
Task 11. Construction/Implementation	\$ 32,500,000
<i>Construction (from Final Brackish Water Alternatives Study)</i>	\$ 32,500,000
Total Cost Category (d)	\$ 32,590,500

Costs for Construction Contracting (Task 10) total \$50,000 and are based on a scheduled 50 week construction period with estimated 8 to10 hours a week of labor to be performed by City of Camarillo staff at a rate of \$100 per hour. Construction implementation costs total \$32,500,000, and are based on the pilot study for which a final report was completed in 2009 (provided in Att3_IG2_WorkPlan_2of7).

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Costs for Budget Category (e) will be fully covered by funding match and total \$76,800. Costs are estimated based on the anticipated need to monitor noise and dust weekly during the 24 month period during construction. Costs also include Stormwater Pollution and Prevention Plan (SWPPP) enforcement, which includes Best Management Practice (BMP) implementation, inspection, sampling

and reporting over a 24-month period. These costs are based on informal survey of potential consultants.

Task	Cost
Task 12. Environmental Compliance/Mitigation/Enhancement	\$ 76,800
<i>Noise and dust monitoring (\$1,100/month for 24 months)</i>	\$ 26,400
<i>SWPPP sampling/enforcement (\$2,100/month for 24 months)</i>	\$ 50,400
Total Cost Category (e)	\$ 76,800

Budget Category (f): Construction Administration

Costs for Construction Administration (Task 13) total \$3,250,000 and will be fully covered by funding match. These costs are based on the experience of the Chino Basin Desalter Authority who recently completed construction of a desalter and where construction management cost approximately 10 percent of construction.

Budget Category (g): Other Costs

No other costs are anticipated for this project.

Budget Category (h): Construction/Implementation Contingency

Construction contingency for the NPV Groundwater Desalter will be fully covered by funding match and is estimated at 10 percent of total construction costs for a total of \$3,250,000. A 10 percent contingency was selected given that the project has completed conceptual and preliminary design but has not yet prepared final plans and specifications. Contingency funds will only be used for reimbursement and match if they become actual costs e.g., in the case a greater level of construction management is required).

Proposal Title: Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant

Project Title: C-21. West Simi Valley Water Recycling Project Phases 1 and 2

Project serves a need of a DAC? Yes No

Funding Match Waiver Request Yes No

		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost
(a)	Direct Project Administration Costs	\$ -	\$ 78,448	\$ -	\$ 78,448
(b)	Land Purchase/Easement	\$ -	\$ -	\$ -	\$ -
(c)	Planning/Design/Engineering/Environmental Documentation	\$ -	\$ 652,672	\$ -	\$ 652,672
(d)	Construction/Implementation	\$ 3,000,000	\$ 4,733,880	\$ -	\$ 7,733,880
(e)	Environmental Compliance/Mitigation/Enhancement	\$ -	\$ 50,000	\$ -	\$ 50,000
(f)	Construction Administration	\$ -	\$ 310,000	\$ -	\$ 310,000
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ -	\$ 779,000	\$ -	\$ 779,000
(i)	Grand Total, (a) through (h)	\$ 3,000,000	\$ 6,604,000	\$ -	\$ 9,604,000

* Non-State Funding sources for match include local funds

** Not applicable, no other State funding sources

The West Simi Valley Water Recycling Project Phases 1 and 2 (Simi RW Project) has an estimated total cost of \$9,604,000; \$3,000,000 in Proposition 84 grant funds are being requested and will be applied toward project construction and implementation. The remaining funds, approximately 69 percent of project costs, will be provided as funding match.

Funding Sources

Funding match for the project totals \$6,604,000. These funds are programmed in the Capital Improvement Plan of the City of Simi Valley and come out of the Ventura County Waterworks District No. 8 Capital Improvement Fund.

Budget Category (a): Direct Project Administration

Direct project administration costs total \$78,448 and will be fully covered by funding match. Individual tasks included in the budget are Administration (Task 1), Labor Compliance (Task 2) and Reporting (Task 3). The level of effort for administration and reporting activities are based on past experience with Proposition 50 IRWM grants. Labor compliance is estimated at 0.3 percent of project construction costs. Direct Project Administration costs make up less than 1 percent of total project costs.

Task	Cost
Task 1: Administration	\$ 41,220
<i>In-kind services (8hr a month for 26 months @ \$90hr)</i>	\$ 18,720
<i>Consultant grant administration</i>	\$ 22,500
Task 2: Labor Compliance Program	\$ 23,188
<i>Labor Compliance (0.3 % construction cost)</i>	\$ 23,188
Task 3: Reporting	\$ 14,040
<i>In-kind services (6hr a month for 26 months @\$90/hr)</i>	\$ 14,040
Total Costs Category (a)	\$ 78,448

Budget Category (b): Land Purchase/Easement

The project does not require land or right-of-way acquisition as project facilities will be constructed within existing City of Simi Valley property and within public rights-of-way.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Costs for Budget Category (c) total \$652,672 and will be fully covered by funding match. This budget includes costs for preparing a Project Performance Measures Plan, evaluating the project against the performance plan, and providing available data to the Surface Water Ambient Monitoring Program under Task 5. A portion of the design has already been completed and remaining design costs are estimated at 8 percent of construction costs (personal communication E. Wong, City of Simi Valley). Environmental documentation and CEQA review were previously completed and no costs are included here. Permitting costs are based on acquisition of permits including: NPDES permit for stormwater discharges, and encroachment permits with the City of Simi Valley and Ventura County Watershed Protection District.

Task	Cost
Task 5. Assessment and Evaluation	\$ 5,400
<i>Prepare Project Performance Measures Plan, Data to SWAMP (60hrs @ \$90/hr)</i>	\$ 5,400
Task 6. Design	\$ 623,200
<i>Remaining design estimated to be 8% construction costs</i>	\$ 623,200
Task 7. Environmental Documentation	\$ -
<i>Work completed outside of grant project</i>	\$ -
Task 8. Permitting	\$ 24,072
<i>Preparation NPDES permits, encroachment permits (44hrs @ \$90/hr)</i>	\$ 3,960
<i>Two years NPDES permit fees (based on 2013 Fee Schedule SWRCB)</i>	\$ 20,112
Total Cost Category (c)	\$ 652,672

Budget Category (d): Construction/Implementation

Construction/implementation costs total \$7,733,800, which will be funded by Proposition 84 grant funds (\$3,000,000) and funding match (\$4,733,800). Budgeted costs will cover Construction/Implementation (Task 10). Construction costs are based on an engineer's estimate and schedule of materials (provided below). Construction contracting (Task 9) will be performed by Simi Valley staff and is not included in this budget.

Task	Cost
Task 9. Construction Management	\$ -
<i>This will be performed by City of Simi Valley outside of grant funding</i>	\$ -
Task 10. Construction/Implementation	\$ 7,729,200
<i>Construction cost based on schedule of materials Phases 1 and 2</i>	\$ 7,729,200
Task 11. User Agreements	\$ 4,680
<i>In-kind services (52hrs @ \$90hr)</i>	\$ 4,680
Total Cost Category (d)	\$ 7,733,880

Phase	Item	Cost	Cost per Phase
1	2,900 LF of 12-inch @ \$16/in-LF	\$556,800	\$725,200
	900 LF of 6-inch @ \$16/in-LF	\$86,400	
	500 LF of 4-inch @ \$16/in-LF	\$32,000	
	Swivel "L" at Cochran St for potable water back-up (LS)	\$50,000	
2	2,000 LF of 24-inch @ \$16 / in-LF	\$768,000	\$7,004,000
	9,900 LF of 20-inch @ \$16 / in-LF	\$3,168,000	
	600 LF of 16-inch Potable Line @ \$16/in-LF	\$153,600	
	4,800 LF of 8-inch @ \$16/in-LF	\$614,400	
	1.25 million gallon tank @ \$1.00 per gallon	\$1,250,000	
	2 - 3.5-cfs, 450-ft lift, variable-frequency-drive pump units @ \$2,500 / hp	\$1,050,000	
Total Construction Cost Phase 1 and 2			\$7,729,200

Source: E. Wong, City of Simi Valley

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Costs for Budget Category (e), Task 12, will be fully covered by funding match. The \$50,000 in costs are related to biological and cultural resource monitoring which will be conducted by a consultant selected by Simi Valley. These costs are based on informal estimates from potential vendors.

Budget Category (f): Construction Administration

Costs for Construction Management (Task 13) total \$310,000. The industry standard is to estimate 10 percent for construction management services (Association for the Advancement of Cost Engineering, Class IV Budget Estimates 1999). But based on current economic conditions and current bids to perform construction management for a recycled water line in the City of Simi Valley, construction management has been assumed to be 4 percent of construction costs.

Budget Category (g): Other Costs

No other costs are anticipated for this project.

Budget Category (h): Construction/Implementation Contingency

Construction contingency for the Simi RW Project will be fully covered by funding match and is estimated at 10 percent of total construction costs for a total of \$779,000. A 10 percent contingency was selected given that the project has completed conceptual and preliminary design but has not yet prepared final plans and specifications. Contingency funds will only be used for reimbursement and

match if they become actual costs (e.g., in the case construction materials are more expensive than anticipated).

Proposal Title: Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant

Project Title: C-22. Moorpark Recycled Water Project Phase IV

Project serves a need of a DAC? Yes No

Funding Match Waiver Request Yes No

		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost
(a)	Direct Project Administration Costs	\$ -	\$ 85,650	\$ -	\$ 85,650
(b)	Land Purchase/Easement	\$ -	\$ 30,000	\$ -	\$ 30,000
(c)	Planning/Design/Engineering/Environmental Documentation	\$ 250,000	\$ 140,150	\$ -	\$ 390,150
(d)	Construction/Implementation	\$ 1,750,000	\$ 1,307,200	\$ -	\$ 3,057,200
(e)	Environmental Compliance/Mitigation/Enhancement	\$ -	\$ 42,000	\$ -	\$ 42,000
(f)	Construction Administration	\$ -	\$ 290,000	\$ -	\$ 290,000
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ -	\$ 305,000	\$ -	\$ 305,000
(i)	Grand Total, (a) through (h)	\$ 2,000,000	\$ 2,200,000	\$ -	\$ 4,200,000

* Non-State Funding sources for match include local funds and in-kind services

** Not applicable, no other State funding sources

The Moorpark Recycled Water Project has an estimated total cost of \$4,200,000; \$2,000,000 in Proposition 84 grant funds are being requested and will be applied toward design and construction. The remaining funds, approximately 52 percent of project costs, will be provided as funding match.

Funding Sources

Funding match for the project totals \$2,200,000. These funds are programmed in the Ventura County Waterworks District 1 Capital Improvement Plan.

Budget Category (a): Direct Project Administration

Direct project administration costs of \$85,650 will come from funding match and will cover Administration (Task 1), Labor Compliance (Task 2), and Reporting (Task 3). These estimates are based on past IRWM grant projects. Project administration makes up approximately 2 percent of the total project cost.

Task	Cost
Task 1: Administration	\$ 61,240
<i>In-kind services (8hr a month for 42 months @ \$90hr)</i>	\$ 30,240
<i>Consultant grant administration</i>	\$ 31,000
Task 2: Labor Compliance Program	\$ 9,290
<i>Labor Compliance (0.3 % construction costs)</i>	\$ 9,290
Task 3: Reporting	\$ 15,120
<i>In-kind services (4hr a month for 42 months @\$90/hr)</i>	\$ 15,120
Total Cost Category (a)	\$ 85,650

Budget Category (b): Land Purchase/Easement

The project will require acquisition of one easement for a portion of the recycled water pipeline under Task 4 (Land Purchase/Easement). The cost for this easement acquisition is \$30,000 including staff time.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Costs for Budget Category (c) total \$390,150 and will be covered by Proposition 84 grant funds (\$250,000) and funding match (\$140,150). This budget includes anticipated costs for Assessment and Evaluation (Task 5), Design (Task 6), Environmental Documentation (Task 7), and Permitting (Task 8). Several technical studies that document project feasibility were completed outside of the grant period and are not included in this budget. Costs for Task 5 are based on past experience with IRWM grants. Task 6 is based on construction costs. Environmental documentation (Task 7) cost estimates assume preparation of a negative declaration and are based on informal consultation with a CEQA consultant. Permit costs are based on anticipated staff time and permit fees.

Task	Cost
Task 5. Assessment and Evaluation	\$ 1,800
<i>Prepare Project Performance Measures Plan (20hrs @ \$90/hr)</i>	\$ 1,800
Task 6. Design	\$ 330,000
<i>Preliminary Design Report</i>	\$ 25,000
<i>Final Design (10% of construction cost)</i>	\$ 305,000
Task 7. Environmental Documentation	\$ 30,000
<i>CEQA Preparation and Filing</i>	\$ 30,000
Task 8. Permitting	\$ 28,350
<i>Encroachment Permits</i>	\$ 4,000
<i>Preparation NPDES permits (40hrs @ \$90/hr)</i>	\$ 3,600
<i>One year NPDES permit fees (based on 2013 Fee Schedule SWRCB)</i>	\$ 20,750
Total Cost Category (c)	\$ 390,150

Budget Category (d): Construction/Implementation

Construction/implementation costs total \$3,057,200, which will be funded by Proposition 84 grant funds (\$1,750,000) and funding match (\$1,307,200). Construction contracting (Task 9) will be performed by Ventura County contracting staff and is not included in this budget. Costs for Construction/Implementation (Task 10) are estimated based on construction of 16,500 linear feet of recycled water

pipeline and a 0.5 MGD booster pump station (shown in table below). Construction/Implementation costs also consider staff time necessary to execute user agreements under Task 11.

Task	Cost
Task. 9 Construction Contracting	\$ -
<i>This will be performed by WWD1 outside of grant funding</i>	\$ -
Task 10. Construction/Implementation	\$ 3,050,000
<i>Construction cost based on schedule of materials</i>	\$ 3,050,000
Task 11. User Agreements	\$ 7,200
<i>In-kind services (80 hours @ \$90/hr)</i>	\$ 7,200
Total Cost Category (d)	\$ 3,057,200

Item	Cost
16,500 ft of 12-inch @ \$12/in.-ft	\$ 2,375,000
0.5 MGD booster pump station	\$ 675,000
Construction Cost	\$ 3,050,000

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Costs for Budget Category (e), Task 12, are \$42,000 and will be fully covered by funding match. Environmental compliance estimates are based on the anticipated costs to retain an environmental consultant to perform Stormwater Pollution Prevention Plan (SWPPP) monitoring and traffic control to avoid significant circulation impacts during pipeline installation in public streets.

Task	Cost
Task 12. Environmental Compliance/Mitigation/Enhancement	\$ 42,000
<i>SWPPP sampling/enforcement (\$2,100/month for 12 months)</i>	\$ 24,000
<i>Traffic Control</i>	\$ 18,000
Total Cost Category (e)	\$ 42,000

Budget Category (f): Construction Administration

Costs for Construction Administration (Task 13) total \$305,000 and will be fully covered by funding match. These costs are based on the Association for the Advancement of Cost Engineering, Class IV Budget Estimates (1999) where construction management is 10 percent of construction costs.

Budget Category (g): Other Costs

No other costs are anticipated for this project.

Budget Category (h): Construction/Implementation Contingency

Ten percent of total project costs is budgeted for construction contingency of the Moorpark Recycled Water Project Phase IV, totaling \$305,000. A 10 percent contingency was selected given that the project has completed conceptual and preliminary design but has not yet prepared final plans and specifications. Contingency funds will only be used for reimbursement and match if they become actual costs (e.g., additional permitting effort is needed).

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Proposal Title: Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant				
Project Title: SC-12B. South Oxnard Stormwater Flood Management and Community Enhancement Project Phase 2B				
Project serves a need of a DAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Funding Match Waiver Request <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost
(a)	Direct Project Administration Costs	\$ -	\$ 201,217	\$ -	\$ 201,217
(b)	Land Purchase/Easement	\$ 402,289	\$ 608,919	\$ -	\$ 1,011,208
(c)	Planning/Design/Engineering/Environmental Documentation	\$ -	\$ 160,410	\$ -	\$ 160,410
(d)	Construction/Implementation	\$ 4,097,711	\$ 1,006,944	\$ -	\$ 5,104,655
(e)	Environmental Compliance/Mitigation/Enhancement	\$ -	\$ 100,000	\$ -	\$ 100,000
(f)	Construction Administration	\$ -	\$ 100,000	\$ -	\$ 100,000
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ -	\$ 250,000	\$ -	\$ 250,000
(i)	Grand Total, (a) through (h)	\$ 4,500,000	\$ 2,427,490	\$ -	\$ 6,927,490

* Non-State funding sources for match include local funds from WPD and TNC

** Not applicable, no other State funding sources

The South Oxnard Flood Protection and Community Enhancement Project Phase 2B has an estimated total cost of \$6,927,490; \$4,500,000 in Proposition 84 grant funds are being requested, which will be applied toward Land Purchase/Easement costs and Construction/Implementation. The remaining funds, approximately 35 percent of project costs, will be provided as funding match.

Funding Sources

Funding match totaling \$2,427,490 for this project will primarily come from the Ventura County Watershed Protection District (\$1,818,571) and a portion (\$608,919) will be provided by The Nature Conservancy.

Budget Category (a): Direct Project Administration

Direct project administration costs totaling \$201,217 will be fully covered by funding match and will cover Administration (Task 1), Labor Compliance (Task 2), and Reporting (Task 3). Costs are estimated based on the anticipated hours of labor and associated hourly administrator wages specific to the individual tasks. Project administration makes up less than 3 percent of the total project cost.

Task

Cost

Task 1: Administration	\$66,059
<i>In-kind services (700 hrs @ \$94.37/hr)</i>	\$66,059
Task 2: Labor Compliance Program	\$82,620
<i>In-kind services (120 hrs @ \$68.85/hr)</i>	\$82,620
Task 3: Reporting	\$52,538
<i>In-kind services (750 hrs @ \$70.05/hr)</i>	\$52,538
Total Cost Category (a)	\$201,217

Budget Category (b): Land Purchase/Easement

Task 4 covers land purchase and easement activities. Task 4 includes acquisition of an easement from the City of Oxnard for the channel covering as well as the purchase of a 20-acre parcel in the Ormond Beach area. Ormond Beach land costs have been estimated at \$50,000 an acre based on a land appraisal. Total costs of \$1,011,208 for land purchase and easement acquisition will be covered by Proposition 84 grant funds (\$402,289) and funds provided by The Nature Conservancy (\$608,919).

Task	Cost
Task 4. Land Purchase/Easement	\$ 1,011,208
<i>In-kind services row agent (160hr @70.05/hr)</i>	\$ 11,208
<i>Land purchase (20 acres @ \$50,000/acre)</i>	\$ 1,000,000
Total Cost Category (b)	\$ 1,011,208

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Costs for Budget Category (c) total \$160,410 and will be fully covered by funding match. This budget includes anticipated costs for Assessment and Evaluation (Task 5), Design (Task 6), Environmental Documentation (Task 7), and Permitting (Task 8).

Assessment and Evaluation (Task 5) costs will cover preparation of the Project Performance Plan as well as assessing the project relative to the plan. Task 6 (Design) is based on staff services to prepare plans and specifications and design review by the City of Oxnard. The Phase 2B design will be able to take advantage of the technical information developed as part of the channel improvements (Phase 2A). Many of the normal design tasks (survey, geotechnical) will occur as part of other project phases. Task 7 costs are based on the preparation of an appropriate revision to the existing Final Environmental Impact Report to specifically evaluate covering of the J Street Drain from Pleasant Valley Road to Hueneme Road. Task 7 will also include necessary Tribal Notification. Permitting costs (Task 8) will cover acquisition of the U.S. Army Corps of Engineers Section 404 Permit, California Department of Fish and Game Streambed Alteration Agreement, and three NPDES permits.

Task	Cost
Task 5. Assessment and Evaluation	\$ 1,401
<i>In-kind services to prepare project performance measures plan (20hrs @ \$70.05/hr)</i>	\$ 1,401
Task 6. Design	\$ 28,030
<i>In-kind services to prepare plans and specs (4hrs Deputy Director @ \$118.53/hr)</i>	\$ 474
<i>In-kind services to prepare plans and specs (40hrs Eng Mngr @ \$94.37/hr)</i>	\$ 3,775
<i>In-kind services to prepare plans and specs (60hrs Eng III @ \$77.59/hr)</i>	\$ 4,655
<i>In-kind services to prepare plans and specs (1,200hrs Tech Specialist IV @ \$45.15/hr)</i>	\$ 5,418
<i>In-kind services for utility coordination (80hrs Eng III @ \$77.59/hr)</i>	\$ 6,207
<i>City of Oxnard design review fees</i>	\$ 7,500
Task 7. Environmental Documentation	\$ 97,719
<i>In-kind services to prepare CEQA Addendum (4hrs Deputy Director @ \$118.53/hr)</i>	\$ 474
<i>In-kind services to prepare CEQA Addendum (40hrs Eng Mngr @ \$94.37/hr)</i>	\$ 3,775
<i>In-kind services to prepare CEQA Addendum (20hrs Eng III @ \$77.59/hr)</i>	\$ 1,552
<i>In-kind services to prepare CEQA Addendum (160hrs Planner IV @ \$74.68/hr)</i>	\$ 11,949
<i>CEQA Consultant</i>	\$ 75,000
<i>Newspaper advertisements, CEQA Filing Fees</i>	\$ 4,969
Task 8. Permitting	\$ 33,261
<i>In-kind services permit application preparation (60hr Planner IV @ \$74.68/hr)</i>	\$ 4,481
<i>In-kind services permit application preparation (40hr Eng III @ \$77.59/hr)</i>	\$ 3,104
<i>Permit Fees</i>	\$ 25,677
Total Cost Category (c)	\$ 160,410

Budget Category (d): Construction/Implementation

Construction/implementation costs total \$5,104,655; \$4,097,711 from Proposition 84 and \$1,006,944 from local match. Task 9 (Coordination) includes necessary staff time to coordinate the project with the City of Oxnard and TNC and includes preparation of MOUs. Construction contracting (Task 10) will be performed by Ventura County contracting staff and is not included in this budget. Cost of Construction (Task 11) is based on cost of materials.

Task	Cost
Task 9. Coordination	\$ 4,655
<i>In-kind services coordination TNC and City of Oxnard (60hrs Eng III @ \$77.59/hr)</i>	\$ 4,655
Task 10. Construction Contracting	\$ -
<i>This will be performed outside of grant funding</i>	\$ -
Task 11. Construction/Implementation	\$ 5,100,000
<i>448 cubic yards concrete for major structures @ \$11,160/cubic yard</i>	\$ 5,000,000
<i>Materials testing consultant</i>	\$ 100,000
Total Cost Category (d)	\$ 5,104,655

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Costs for Budget Category (e), Task 12, will be fully covered by funding match and total \$100,000. Costs relate to consultant fees for noise and dust monitoring during construction and are based on the mitigation measures described in the *Final Environmental Impact Report J Street Drain Project*.

Budget Category (f): Construction Administration

Costs for Construction Administration (Task 13) total \$100,000 and will be fully covered by funding match. Phase 2B will be constructed at the same time as Phase 2A and much of the construction administration will relate to Phase 2A. The amount of construction administration that will directly relate to Phase 2B has conservatively been estimated as 2 percent of construction costs.

Budget Category (g): Other Costs

No other costs are anticipated for this project.

Budget Category (h): Construction/Implementation Contingency

The project is past the conceptual design phase and contingency is estimated as 5 percent of total construction cost, \$250,000. Design is more than 30 percent complete and the project area is well known. Many of the items that would create uncertainty in the project cost (subsurface conditions) would affect other phases of the broader project and would not be assigned to Phase 2B. In addition, the project has only a few materials and is not highly complex. Contingency funds will only be used for reimbursement and match if they become actual costs (e.g., in the case construction materials are more expensive than anticipated).

Proposal Title: Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant

Project Title: SC-13. Invasive Plant Removal, Ecosystem Restoration, and Habitat Protection in the Santa Clara River (Santa Clara River Restoration)

Project serves a need of a DAC? Yes No

Funding Match Waiver Request Yes No

		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost
(a)	Direct Project Administration Costs	\$ 98,700	\$ -	\$ -	\$ 98,700
(b)	Land Purchase/Easement	\$ -	\$ -	\$ -	\$ -
(c)	Planning/Design/Engineering/Environmental Documentation	\$ 56,000	\$ 90,620	\$ -	\$ 146,620
(d)	Construction/Implementation	\$ 1,474,000	\$ 734,020	\$ -	\$ 2,208,020
(e)	Environmental Compliance/Mitigation/Enhancement	\$ -	\$ -	\$ -	\$ -
(f)	Construction Administration	\$ 285,600	\$ -	\$ -	\$ 285,600
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ 84,000	\$ 63,083	\$ -	\$ 147,083
(i)	Grand Total, (a) through (h)	\$ 1,998,300	\$ 887,723	\$ -	\$ 2,886,023

* Non-State Funding sources for match include local and federal grants, in-kind services

** Not applicable, no other State funding sources

The Santa Clara River Restoration Project has an estimated total cost of \$2,886,023; \$1,998,300 in Proposition 84 grant funds are being requested, which will be applied toward various budget categories as described below. The remaining funds, approximately 30 percent of project costs, will be provided as funding match.

Funding Sources

Funding match totaling \$887,723 will be provided from local and federal grants and in-kind services as shown below. Available match exceeds that needed for the project.

Funding Source	Funding Match Amount
Santa Clara River Trustee Council grant	\$307,800
In-kind services	\$580,000
Total	\$887,800

Budget Category (a): Direct Project Administration

Direct project administration costs totaling \$98,700 will be fully covered by requested Proposition 84 grant funds. Costs are estimated based on the hours of labor and associated hourly administrator wages specific to the individual tasks. No travel costs are included in these estimates. Direct project administration is approximately 3.4 percent of the total project cost.

Task	Cost
Task 1: Administration	\$ 55,500
<i>In-kind services (300hrs @ \$85/hr)</i>	\$ 25,500
<i>Consultant grant administration (1.5% grant amount)</i>	\$ 30,000
Task 2: Labor Compliance Program	\$ 28,250
<i>Labor Compliance (370hrs @ \$75/hr)</i>	\$ 27,750
<i>Supplies</i>	\$ 500
Task 3: Reporting	\$ 14,950
<i>In-kind services (170hrs @ \$85/hr)</i>	\$ 14,450
<i>Supplies</i>	\$ 500
Total Cost Category (a)	\$ 98,700

Budget Category (b): Land Purchase/Easement

The properties where the project will be implemented are already owned by project partners. No additional land purchase or easements are necessary.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Costs for Budget Category (c) total \$146,620 and will be covered by Proposition 84 grant funds and funding match (\$75,150). This budget includes costs for Assessment and Evaluation (Task 5), Design (Task 6), Environmental Documentation (Task 7), and Permitting (Task 8).

Task	Task Cost
Task 5. Assessment and Evaluation	\$ 40,200
<i>In-kind services for monitoring plan, project performance measures plan, GIS data to CA Environmental Information Clearinghouse (120hrs @ \$85/hr)</i>	\$ 10,200
<i>Contract with Stillwater Sciences</i>	\$ 30,000
<i>Quarterly and Annual Progress Monitoring - included in cost category d</i>	\$ -
Task 6. Design	\$ 20,400
<i>In-kind costs related to site analysis and selection (240hrs @ \$85/hr)</i>	\$ 20,400
Task 7. Environmental Documentation	\$ 30,600
<i>In-kind costs related to coordination w/regulatory agencies (120hrs @ \$85/hr)</i>	\$ 10,200
<i>In-kind costs related to coordination w/regulatory agencies (240hrs @ \$85/hr)</i>	\$ 20,400
Task 8. Permitting	\$ 55,420
<i>In-kind cost related to preparing Restoration Plans (262hrs @ \$85/hr)</i>	\$ 22,270
<i>In-kind cost related to Permits (270hrs @ \$85/hr)</i>	\$ 22,950
<i>In-kind services related to Streambed Alteration Agreement Renewal (120hr @ \$85/hr)</i>	\$ 10,200
Total Category (c)	\$ 146,620

Assessment and Evaluation-related costs relate to preparation of a monitoring plan, a project performance measures plan, and provision of available GIS data for the project to the California Environmental Information Clearinghouse and Ventura County consistent with WCVCs goals for data management. Design costs pertain to site analysis and selection and include pre-award costs. Environmental Documentation costs cover coordination with regulatory agencies requiring 120 pre-award hours and 240 project-period hours at \$85/hour. Permitting costs include costs to develop restoration plans for the California Department of Fish and Wildlife Streambed Alteration Agreement.

Additional permitting costs of \$10,200 are included to assist Friends of the Santa Clara River with permit renewal.

Budget Category (d): Construction/Implementation

Implementation costs total \$2,208,020 and will be covered by Proposition 84 grant funds (\$1,474,000) and funding match (\$734,020).

Task	Cost
Task 9. Construction Contracting	\$ 25,840
<i>In-kind services for construction contracting (4hr a month for 4 months at \$85/hr)</i>	\$ 1,360
<i>In-kind construction contracting (12hr a month for 24 months @ \$85/hr)</i>	\$ 24,480
Task 10. Construction/Implementation	\$ 2,182,180
<i>Pre-award in-kind services for general project oversight (4hr a month for 60 months @\$85/hr)</i>	\$ 20,400
<i>General Oversight and Project Management (16hrs a month for 48 months @85/hr)</i>	\$ 65,280
<i>Biological monitoring</i>	\$ 223,800
<i>Contracts for hand removals and herbicide application, mowing, chipping</i>	\$ 1,557,700
<i>Revegetation</i>	\$ 220,000
<i>Equipment and supplies</i>	\$ 95,000
Total Category (d)	\$ 2,208,020

Construction contracting costs (Task 9) relate to costs for the UCSB contracts and grants department to coordinate contract documents, bidding and award of projects and execution of agreements. Construction/Implementation (Task 10) costs relate to work by a UCSB project manager as well as several contractors. Contracts will be used for biological monitoring, mowing, invasive species removal, and revegetation. Some volunteer services will also be used for invasive species removal. Necessary equipment and supplies include: herbicides, sprayers, weed whackers, loping shears, tarps, weed wrenches, ropes, gloves, and masks. The level of effort for general project oversight, all contracts, and equipment and supplies is based on current arundo removal and riparian revegetation work on the Santa Clara River.

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Best Management Practices will be implemented as part of overall project activities and are included in Budget Category (d), Task 11.

Budget Category (f): Construction Administration

Administration costs under this Budget Category total \$285,600 and will be covered by Proposition 84 grant funds. Costs are divided among project management and contracts work related to administration and are based on hours expended and hourly rate for pre-award and project-period efforts as shown below.

Task	Cost
Task 12. Construction Administration	\$ 285,600
<i>In-kind services construction administration (24hr a month for 60 months @ \$85/hr)</i>	\$ 122,400
<i>In-kind services construction administration (40hr a month for 48 months @ \$85/hr)</i>	\$ 163,200
Total Cost Category (f)	\$ 285,600

Budget Category (g): Other Costs

No other costs are anticipated for this project.

Budget Category (h): Construction/Implementation Contingency

A contingency of 10 percent of implementation costs, \$147,083, has been budgeted for this project. Contingency funds will only be used for reimbursement and match if they become actual costs (e.g., it is necessary to purchase more supplies).

Proposal Title: Watersheds Coalition of Ventura County Proposition 84 IRWMP Implementation Grant
Project Title: V-11. Ventura River Invasive Plant Removal and Ecosystem Restoration Project (Ventura River Restoration)

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

		(a)	(b)	(c)	(d)
Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source**	Total Cost
(a)	Direct Project Administration Costs	\$ -	\$ 144,703		\$ 144,703
(b)	Land Purchase/Easement	\$ -	\$ -	\$ -	\$ -
(c)	Planning/Design/Engineering/Environmental Documentation	\$ -	\$ 44,633	\$ -	\$ 44,633
(d)	Construction/Implementation	\$ 1,300,000	\$ 13,655	\$ -	\$ 1,313,655
(e)	Environmental Compliance/Mitigation/Enhancement	\$ 200,000	\$ 5,000	\$ -	\$ 205,000
(f)	Construction Administration	\$ -	\$ 175,000	\$ -	\$ 175,000
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ -	\$ 130,000	\$ -	\$ 130,000
(i)	Grand Total, (a) through (h)	\$ 1,500,000	\$ 512,991	\$ -	\$ 2,012,991

* Non-State Funding sources for match include local funds from WPD, OVLC, and VHC

** Not applicable, no other State funding sources

The Ventura River Invasive Plant Removal and Ecosystem Restoration Project has an estimated total cost of \$2,012,991; \$1,500,000 in Proposition 84 grant funds are being requested, which will be applied toward Construction/Implementation and Environmental Compliance/Mitigation/Enhancement. The remaining funds, approximately 25 percent of project costs, will be provided as funding match.

Funding Sources

Funding match for the project totals \$512,991 and will be provided by the Ventura County Watershed Protection District (WPD) in addition to the Ojai Valley Land Conservancy (OVLC), and Ventura Hillside Conservancy (VHC).

Budget Category (a): Direct Project Administration

Direct project administration costs of \$144,703 will be fully covered by funding match and will cover Administration (Task 1), Labor Compliance (Task 2), and Reporting (Task 3). Costs are estimated based on the anticipated hours of labor and associated hourly administrator wages specific to the individual tasks as shown below.

Task	Cost
Task 1: Administration	\$ 70,778
<i>In-kind services (750hrs @ \$94.37/hr)</i>	\$ 70,778
Task 2: Labor Compliance Program	\$ 38,900
<i>In-kind services (565hr @ \$68.85/hr)</i>	\$ 38,900
Task 3: Reporting	\$ 35,025
<i>In-kind services (500hr @ \$70.05/hr)</i>	\$ 35,025
Total Cost Category (a)	\$ 144,703

Budget Category (b): Land Purchase/Easement

This project does not require purchase of land or easement acquisition.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Costs for Budget Category (c) total \$44,633 and will be fully covered by funding match. This budget includes anticipated costs for Assessment and Evaluation (Task 5), Design (Task 6), Environmental Documentation (Task 7), and Permitting (Task 8).

Task	Cost
Task 5. Assessment and Evaluation	\$ 6,056
<i>In-kind services to prepare project performance measures plan (20hrs @ \$70.05/hr)</i>	\$ 1,401
<i>In-kind services to prepare monitoring plan (60hrs @ \$77.59/hr)</i>	\$ 4,655
Task 6. Design	\$ 21,449
<i>In-kind services to prepare plans and specs (60hrs Engr Mngr @ \$94.37/hr)</i>	\$ 5,662
<i>In-kind services to prepare plans and specs (90hrs Eng III @ \$77.59/hr)</i>	\$ 6,983
<i>In-kind services to prepare plans and specs (195hrs Tech Specialist IV @ \$45.15/hr)</i>	\$ 8,804
Task 7. Environmental Documentation	\$ 1,544
<i>In-kind services to prepare CEQA Addendum (20hrs Planner IV @\$74.68/hr)</i>	\$ 1,494
<i>CEQA Filing Fees</i>	\$ 50
Task 8. Permitting	\$ 15,584
<i>In-kind services permit application preparation (60hr Planner IV @ \$74.68/hr)</i>	\$ 4,481
<i>In-kind services permit application preparation (40hr Eng III @ \$77.59/hr)</i>	\$ 3,104
<i>Permit fees</i>	\$ 8,000
Total Cost Category (c)	\$ 44,633

Design costs will cover the WPD's efforts to develop final design and specifications. Permitting costs will cover acquisition of a Streambed Alteration Agreement and a Regional General No. 41 by the WPD.

Budget Category (d): Construction/Implementation

Construction/implementation costs total \$1,313,655 and will be covered by Proposition 84 grant funds as well as funding match. Construction contracting (Task 10) will be performed by Ventura County contracting staff and is not included in this budget. Construction/Implementation costs (Task 11) have been determined based on per acre rates derived from similar projects resulting in the following breakdown:

Task	Cost
Task. 9 Coordination	\$ 4,655
<i>In-kind services coordination OVLC and VHC (60hrs Eng III @ \$77.59/hr)</i>	\$ 4,655
Task 10. Construction Contracting	\$ -
<i>This will be performed outside of grant funding</i>	\$ -
Task 11. Construction/Implementation	\$ 1,309,000
<i>43 acres at \$30,000/acre</i>	\$ 1,290,000
<i>Equipment and supplies</i>	\$ 19,000
Total Cost Category (d)	\$ 1,313,655

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Costs for Budget Category (e), Task 12, will be fully covered by funding match (\$5,000) and grant (\$2,000,000) and totals \$205,000. Costs are related to required biological monitoring including initial survey and reporting.

Budget Category (f): Construction Administration

Costs for Construction Administration (Task 13) total \$175,000 and will be fully covered by funding match. Due to the complexity of construction (multiple project sites, multiple disciplines, arundo removal and recreational improvements), construction administration is assumed to be 13 percent of implementation costs.

Budget Category (g): Other Costs

No other costs are anticipated for this project.

Budget Category (h): Construction/Implementation Contingency

Ten percent of construction/implementation costs, \$130,000, is budgeted for construction contingency.

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