

## Attachment 4: Budget

Table 7 - Summary Budget

**Proposal Title:** Stormwater Source Control in the CABY Region

Budget Category		(a) Non-State Share* (Funding Match)	(b) Requested Grant Funding	(c) Other State Funds Being Used	(d) Total	(e) % Funding Match
(a)	Stormwater Source Control in the CABY Region	510,000.00	510,000.00	0.00	1,020,000.00	50%
(i)	<b>Grand Total</b>	510,000.00	510,000.00	0.00	1,020,000.00	50%

# Attachment 4: Budget

**Table 6 - Project Budget**

**Proposal Title:** Stormwater Source Control in the CABY Region  
**Project Title:** Stormwater Source Control in the CABY Region

Budget Category	# Units	Unit Cost	(a) Non-State Share* (Funding Match)	(b) Requested Grant Funding	(c) Other State Funds Being Used	(d) Total	(e) % Funding Match
<b>(a) DIRECT PROJECT ADMINISTRATION COSTS</b>							
Task 1: Administration			20,000.00	8,834.10			
<i>American Rivers, Project Manager (hours)</i>	65	\$ 49.20		3,198.00			
<i>American Rivers, Project Administrator (hours)</i>	24	\$ 41.15		987.60			
<i>American Rivers, Grant Manager (hours)</i>	75	\$ 61.98		4,648.50			
Task 2: Labor Compliance Program			10,000.00	9,592.30			
<i>American Rivers, Project Manager (hours)</i>	24	\$ 49.20		1,180.80			
<i>American Rivers, Project Administrator (hours)</i>	10	\$ 41.15		411.50			
3QC - Labor Compliance Consultant (contract)	lump sum			8,000.00			
Task 3: Reporting			20,000.00	7,066.21			
<i>American Rivers, Project Manager (hours)</i>	45	\$ 49.20		2,214.00			
<i>American Rivers, Project Administrator (hours)</i>	17	\$ 41.15		699.55			
<i>American Rivers, Grant Manager (hours)</i>	67	\$ 61.98		4,152.66			
<b>TOTAL (a) DIRECT PROJECT ADMINISTRATION COSTS</b>			<b>50,000.00</b>	<b>25,492.61</b>	<b>0.00</b>	<b>75,492.61</b>	<b>66%</b>
<b>(b) LAND PURCHASE/EASEMENT                      N/A</b>							
<b>(c) PLANNING/DESIGN/ENGINEERING/ ENVIRONMENTAL DOCUMENTATION</b>							
Task 4: Assessment and Evaluation			148,000.00	22,680.59		170,680.59	
<i>American Rivers, Project Manager (hours)</i>	100	\$ 49.20		4,920.00			
<i>American Rivers, Science Staff (hours)</i>	90	\$ 48.47		4,362.30			
<i>American Rivers, Project Administrator (hours)</i>	34	\$ 41.15		1,398.29			
<i>South Yuba River Citizens League, Science Staff (subgrant)</i>			13,000.00	12,000.00			
Task 5: Design			70,000.00	65,000.00		135,000.00	
Task 6: Environmental Documentation			5,000.00	12,122.00		17,122.00	
<i>American Rivers, Project Manager (hours)</i>	150	\$ 48.50		7,275.00			
<i>American Rivers, Science Staff (hours)</i>	100	\$ 48.47		4,847.00			
Task 7: Permitting				8,212.00		8,212.00	
<i>American Rivers, Project Manager (hours)</i>	100	\$ 49.20		4,920.00			
<i>American Rivers, Project Administrator (hours)</i>	80	\$ 41.15		3,292.00			
<b>TOTAL (c) PLANNING/DESIGN/ENGINEERING/ ENVIRONMENTAL DOCUMENTATION</b>			<b>223,000.00</b>	<b>108,014.59</b>	<b>0.00</b>	<b>331,014.59</b>	<b>67%</b>
<b>(d) CONSTRUCTION/IMPLEMENTATION</b>							
Task 8: Construction Contracting						0.00	
Task 9: Construction (See Table 6a - Construction Estimate)	lump sum		165,000.00	330,000.00		495,000.00	
Task 10: Outreach and Education			15,000.00	30,077.80		45,077.80	
<i>American Rivers, Project Manager (hours)</i>	350	\$ 49.20		17,220.00			
<i>American Rivers, Project Administrator (hours)</i>	124	\$ 41.15		5,102.60			
<i>American Rivers, Science Staff (hours)</i>	160	\$ 48.47		7,755.20			
<b>TOTAL (d) CONSTRUCTION/IMPLEMENTATION</b>			<b>180,000.00</b>	<b>360,077.80</b>	<b>0.00</b>	<b>540,077.80</b>	<b>33%</b>
<b>(e) ENVIRONMENTAL COMPLIANCE/ MITIGATION/ENHANCEMENT</b>							
Task 11: Environmental Compliance/Mitigation/ Enhancement			15,000.00			15,000.00	
<b>TOTAL (e) ENVIRONMENTAL COMPLIANCE/ MITIGATION/ ENHANCEMENT</b>			<b>15,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15,000.00</b>	<b>100%</b>
<b>(f) CONSTRUCTION ADMINISTRATION</b>							
Task 12: Construction Administration			42,000.00	16,415.00		58,415.00	
<i>American Rivers, Project Manager (hours)</i>	250	\$ 49.20		12,300.00			
<i>American Rivers, Project Administrator (hours)</i>	100	\$ 41.15		4,115.00			
<b>TOTAL (f) CONSTRUCTION ADMINISTRATION</b>			<b>42,000.00</b>	<b>16,415.00</b>	<b>0.00</b>	<b>58,415.00</b>	<b>72%</b>
<b>(g) OTHER COSTS</b>							
				0.00		0.00	
<b>(h) CONSTRUCTION/IMPLEMENTATION CONTINGENCY</b>							
				0.00		0.00	0%
<b>(i) GRAND TOTAL (Sum rows (a) through (h) for each column)</b>							
			<b>510,000.00</b>	<b>510,000.00</b>	<b>0.00</b>	<b>1,020,000.00</b>	<b>50%</b>

**\*Sources of Funding:**

Task 1: \$20,000 from ARRA grant funds through American Rivers  
 Task 2: \$10,000 from ARRA grant funds through American Rivers  
 Task 3: \$20,000 from ARRA grant funds through American Rivers  
 Task 4: \$40,000 in-kind contribution from Yuba River Charter School of assistance and staff time spent on design and construction; \$108,000 from ARRA grant funds through American Rivers.

## Attachment 4: Budget

Task 5: \$10,000 cash contribution from Nevada County for design, construction and materials for elements constructed at the Rood Center; \$10,000 in-kind contribution from Yuba River Charter School of assistance and staff time spent on design and construction

Task 6: \$10,000 from Yuba River Charter School in-kind contribution of assistance and staff time spent on design and construction

Task 7:

Task 8:

Task 9: \$65,000 cash contribution from Nevada County for design, construction and materials for elements constructed at the Rood Center; \$145,000 from ARRA grant funds through American Rivers

Task 10: \$15,000 from ARRA grant funds through American Rivers

Task 11: \$15,000 from ARRA grant funds through American Rivers

Task 12: \$45,000 from ARRA grant funds through American Rivers

Table 6 a - Construction Estimate

Construction Task Description	Personnel	Equipment	Materials		
			Units	Unit Cost	Total
Excavation and earthwork	\$62,571	\$43,477	lump sum		\$9,988
Soil prep (including bioretention fill)	\$5,204	\$7,024	lump sum		\$21,073
Organic enrichment/ fertilize/ seeding	\$3,773	\$2,703	lump sum		\$5,245
Planting	\$11,701	\$1,171	lump sum		\$4,496
Mulching	\$5,620	\$3,044	lump sum		\$2,744
Piping	\$4,683	\$1,873	lump sum		\$2,810
Revegetate disturbed areas	\$5,058	\$2,341	lump sum		\$3,746
Irrigation	\$15,059	\$1,873	lump sum		\$13,662
Mobilization	\$2,341	\$1,873	lump sum		
Demobilization and cleanup	\$6,242	\$1,873	lump sum		
As-built and photo documentation	\$5,620		lump sum		
BMP installation (tree protection and wattles)	\$1,873		lump sum		
Pervious pavement installation	\$19,000	\$12,000	22,000 sq.ft.	\$ 4 /sq. ft. (cost delta)	\$88,000
Curbs and curb cuts	\$6,000	\$2,300	lump sum		\$4,000
Interpretive signs (installation only)	\$2,370	\$140	lump sum		\$425
<b>Service and Materials Subtotals</b>	\$157,116	\$81,694			\$156,190
<b>Total Construction Cost</b>					<b>\$395,000</b>

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### Project Budget Detail

**Personnel** costs are for time spent on project related activities by American Rivers staff in the California Regional Office. Personnel rates include salary, benefits, occupancy and overhead. Benefits are calculated at 16.65% of personnel services based on a 45 week year. Occupancy includes items such as rent, utilities, supplies, equipment leases, etc. and is calculated as 15.3% of salaries. Overhead expenses are associated with the management and administration of the organization and are calculated as 15% of salary, benefits and occupancy.

**Contractual** activities will be performed by 3QC, a labor compliance auditor and Integrated Environmental Restoration Services (IERS), a company that specializes in the development, testing, implementation, and monitoring of cutting-edge, soil-based restoration projects throughout the Sierra Nevada. 3QC will manage the Labor Compliance program (Task 2) at both the Rood Center and Yuba River Charter School sites. Building on their current involvement at the Rood Center site, IERS will perform the construction activities for the pervious pavement and rain garden (\$65,000 from Task 9).

A **Subgrant** in the amount of \$330,000 will be awarded to the Yuba River Charter School for design and construction of green infrastructure stormwater facilities, including a rain garden, two bio-swales, two bio-retention ponds, and more than 20,000 square-feet of pervious pavement on parking areas and walkways (\$65,000 from Task 5 and \$265,000 from Task 9).

The **Total Construction Costs** presented in Column (d) include \$100,000 of Federal American Recovery and Reinvestment Act (ARRA) funding for Phase I construction activities. The total amount reflected in the **Construction Estimate**, provided as Table 6a, includes only the total estimated construction costs of the elements for which we are requesting funding.

**Matching Funds** will be provided through a cash contribution from Nevada County for design, construction and materials for elements constructed at the Rood Center; ARRA funds granted to American Rivers for the first phase of the project; and an in-kind contribution from the Yuba River Charter School for assistance and staff time spent on design and construction.