

**Attachment 4 - Budget
Santa Clarita Valley Water Use Efficiency (WUE) Strategic Plan Programs (CLWA-3)
Summary and Back-up**

Project Name: Santa Clarita Valley WUE Strategic Plan Programs (CLWA-3)

Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source*	Total Cost	% Funding Match
(a)	Direct Project Administration Costs	\$93,465	\$31,155	\$0	\$124,620	25%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$1,631,250	\$543,750	\$0	\$2,175,000	25%
(e)	Environmental Compliance/Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$150,000	\$50,000	\$0	\$200,000	25%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total, (a) through (h)	\$1,874,715	\$624,905	\$0	\$2,499,620	25%

* List sources of funding:

* CLWA Water Resources Budget BMP Implementation account from wholesale water rate connection fees and/or property tax revenues.

**Attachment 4 - Budget
Santa Clarita Valley Water Use Efficiency (WUE) Strategic Plan Programs (CLWA-3)
Summary and Back-up**

(a) Direct Project Administration

Task	Cost
Task 1: Administration	\$117,800
Task 2: Labor Compliance Program	\$0
Task 3: Reporting	\$6,820
Total	\$124,620

Back-up Calculations				
	# of hours	\$/hr for administrator	Total Project Cost	Justification for %
	1,900	\$62	\$117,800	19 hours per week over two years (50 weeks per year). Rate: CLWA 2012-2013 burdened rate.
	Cost included in Task 1.			
	110	\$62	\$6,820	11 reports over two years at 10 hours per report. Rate: CLWA 2012-2013 burdened rate.

(b) Land Purchase/ Easement

	ROW Agent/Surveyor/Appraiser	Land Purchase	Total	Cost Assumptions and Basis
Task 4: Land Purchase/Easement	\$ -		\$ NA	
	\$/Acre	Acres	Land Cost	Cost Assumptions and Basis
Permanent Easement Cost			\$ NA	

**Attachment 4 - Budget
Santa Clarita Valley Water Use Efficiency (WUE) Strategic Plan Programs (CLWA-3)
Summary and Back-up**

(c) Planning / Design/ Engineering/ Environmental Documentation

	Cost
Task 5: Assessment and Evaluation	NA
Task 6: Design	NA
Task 7: Environmental Documentation	NA
Task 8: Permitting	NA
Total	NA

Back-up Calculations		
% of Total Project Cost	Total Project Cost	Justification for %

(d) Construction/ Implementation

Item	Cost	Justification for %
Task 9: Construction management	\$0	
Task 10: Construction/Implementation	\$2,175,000	
SubTask 10.1: SCV Large Landscape Audit and Incentive Program	\$400,000	80 rebates @ \$5,000 each, average over two years.
SubTask 10.2: SCV CII Audit and Customized Incentive Program	\$100,000	20 rebates @ \$5,000 each, average over two years.
SubTask 10.3: SCV Landscape Contractor Certification and Weather-Based Irrigation Controller Program**	\$725,000	1,700 units distributed at \$425/unit.
SubTask 10.4: High-Efficiency Washing Machine Program	\$500,000	2,500 rebates per year over two years at \$100 each (matched by \$100 from retailer)
SubTask 10.5: Cash for Grass Rebate Program	\$450,000	\$1.5 per square foot for 300,000 square feet (SCWD's program is for 1.5 million square feet by 2020).

**Attachment 4 - Budget
 Santa Clarita Valley Water Use Efficiency (WUE) Strategic Plan Programs (CLWA-3)
 Summary and Back-up**

(e) Environmental Compliance/ Mitigation / Enhancement

Item	Cost
Task 11: Environmental Compliance/Mitigation/Enhancement	NA
Total	NA

(f) Construction Administration

Item	Cost
Task 12: Construction Admin	NA
Total	NA

(g) Other Costs

Item	Cost
Task 13.1 Other (outreach for 2 years)	\$200,000
Task 13.2 PMP	cost included in Task 1 (Admin)
Total	\$200,000

(h) Construction/Implementation Contingency

Item	Cost
Task 14: Construction Contingency	NA
Total	NA
Grand Total	
Item	Cost
(f) Construction Administration	NA
(g) Other Costs	\$200,000
(h) Construction/Implementation Contingency	NA
Total	\$200,000

**Attachment 4 - Budget
Santa Clarita Water Division Water Use Efficiency Programs (SCWD-2)
Summary and Back-up**

Project Name: SCWD-2 Santa Clarita Water Division Water Use Efficiency Programs

Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source*	Total Cost	% Funding Match
(a)	Direct Project Administration Costs	\$15,000	\$0	\$0	\$15,000	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$205,500	\$75,000	\$0	\$280,500	27%
(e)	Environmental Compliance/Mitigation/Enhancement	\$0		\$0	\$0	0%
(f)	Construction Administration	\$0		\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total, (a) through (h)	\$220,500	\$75,000	\$0	\$295,500	25%

* List sources of funding:

- 1 SCWD engineering funds.

**Attachment 4 - Budget
Santa Clarita Water Division Water Use Efficiency Programs (SCWD-2)
Summary and Back-up**

(a) Direct Project Administration

Task	Cost
Task 1: Administration	\$9,000
Task 2: Labor Compliance Program	\$0
Task 3: Reporting	\$6,000
Total	\$15,000

Back-up Calculations			
	% of Total Project Cost	Total Project Cost	Justification for %
	0.03	\$300,000	actual costs far exceed allowable limit
	Cost included in Task 1.		
	0.02	300,000	actual costs far exceed allowable limit

(b) Land Purchase/ Easement

	ROW Agent/Surveyor/Appraiser	Land Purchase	Total	Cost Assumptions and Basis
Task 4: Land Purchase/Easement	\$ -		NA	

	\$/Acre	Acres	Land Cost	Cost Assumptions and Basis
Permanent Easement Cost			\$ NA	

(c) Planning / Design/ Engineering/ Environmental Documentation

	Cost
Task 5: Assessment and Evaluation	NA
Task 6: Design	NA
Task 7: Environmental Documentation	NA
Task 8: Permitting	NA
Total	NA

**Attachment 4 - Budget
Santa Clarita Water Division Water Use Efficiency Programs (SCWD-2)
Summary and Back-up**

(d) Construction/ Implementation

Item	Cost	Back-up Calculations
Task 9: Construction Management	\$0	
Task 10: Construction	\$280,500	
SubTask 10.1: Large Landscape Budgets	\$20,000	\$1,000/budget for 20 budgets in 2015
SubTask 10.2: High-Efficiency Nozzles	\$127,500	15,000 nozzles/yr at \$3.25/nozzle for 2 years plus site development at \$30K.
SubTask 10.3: High-Efficiency Clothes Washing Machine Rebates	\$133,000	500 rebates (\$100 value)/yr over 2 yrs; plus \$33K for processing

(e) Environmental Compliance/ Mitigation / Enhancement

Item	Cost
Task 11: Environmental Compliance/Mitigation/Enhancement	NA
	\$ -
Total	\$ - NA

(f) Construction Administration

Item	Cost
Task 12 Construction Admin	NA
Total	NA

(g) Other Costs

Item	Cost
Task 13: PMP	Cost included in Task 1 (Admin)
Total	\$ -

**Attachment 4 - Budget
 Santa Clarita Water Division Water Use Efficiency Programs (SCWD-2)
 Summary and Back-up**

(h) Construction/Implementation Contingency

Item	Cost
Task 14 Construction Contingency	NA
Total	NA

Grand Total	
Item	Cost
(f) Construction Administration	NA
(g) Other Costs	Cost included in Task 1 (Admin)
(h) Construction/Implementation Contingency	NA
Total	NA

**Attachment 4 - Budget
Foothill Feeder Connection (CLWA-8)
Summary and Back-up**

Project Name: Foothill Feeder Connection (CLWA-8)

Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source*	Total Cost	% Funding Match
(a)	Direct Project Administration Costs	\$22,700	\$7,500	\$0	\$30,200	25%
(b)	Land Purchase/Easement	\$25,000	\$0	\$0	\$25,000	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$141,393	\$13,812	\$0	\$155,205	9%
(d)	Construction/Implementation	\$1,086,111	\$1,726,488	\$0	\$2,812,599	61%
(e)	Environmental Compliance/Mitigation/Enhancement	\$1,800	\$0	\$0	\$1,800	0%
(f)	Construction Administration	\$220,596	\$0	\$0	\$220,596	0%
(g)	Other Costs	\$2,400	\$0	\$0	\$2,400	0%
(h)	Construction/Implementation Contingency	\$0	\$275,745	\$0	\$275,745	100%
(i)	Grand Total, (a) through (h)	\$1,500,000	\$2,023,545	\$0	\$3,523,545	57%

* **List sources of funding:**

* *CLWA capital improvement program funds, from wholesale water rate connection fees and/or property tax revenues.*

**Attachment 4 - Budget
Foothill Feeder Connection (CLWA-8)
Summary and Back-up**

(a) Direct Project Administration

Task	Cost
Task 1: Administration	\$3,600
Task 2: Labor Compliance Program	\$25,000
Task 3: Reporting	\$1,600
Total	\$30,200

Back-up Calculations						
	# of hours	\$/hr for administrator	Total Project Cost	Justification for %		
	90	\$ 40	\$ 3,600	Rate: CLWA 2012-2013 burdened rate.		
	625	\$ 40	\$ 25,000	Rate: CLWA 2012-2013 burdened rate.		
	40	\$ 40	\$ 1,600	Rate: CLWA 2012-2013 burdened rate.		

(b) Land Purchase/ Easement

	ROW Agent/Surveyor/Appraiser	Land Purchase	Total	Cost Assumptions and Basis
Task 4: Land Purchase/Easement	\$ -		\$ 25,000.00	Engineer's estimate.
	\$/Acre	Acres	Land Cost	Cost Assumptions and Basis
Permanent Easement Cost			\$ NA	

**Attachment 4 - Budget
Foothill Feeder Connection (CLWA-8)
Summary and Back-up**

(c) Planning / Design/ Engineering/ Environmental Documentation

	Cost
Task 5: Assessment and Evaluation	\$0
Task 6: Design	\$137,873
Task 7: Environmental Documentation	\$13,812
Task 8: Permitting	\$3,520
Total	\$155,205

Back-up Calculations		
% of Total Project Cost	Total Project Cost	Justification for %
		NA
5%	\$2,757,450	Engineer's rule of thumb.
	\$13,812	See Tables 1 and 2 below assuming CEQA costs are proportional to construction costs.
	\$3,520	Total assumed: 40 hours x \$88/hr. Rate: CLWA 2012-2013 burdened rate.

Table 1: Rio Vista Treatment Plant Expansion and Foothill Feeder CEQA Expenses	
WO #	TOTAL CEQA Expenditures
05-005	\$139,979
03-063	\$23,977
04-025	\$3,280
	\$167,236

Table 2: Allocation of CEQA Costs Based on Construction Costs			
	Construction Cost	% of Construction Total	Allocated CEQA Costs
RVWTP Expansion	\$39,531,094	92%	\$153,424
Foothill Feeder (Est.)	\$3,558,841	8%	\$13,812
Total	\$43,089,935		\$167,236

**Attachment 4 - Budget
Foothill Feeder Connection (CLWA-8)
Summary and Back-up**

(d) Construction/ Implementation

Item	Cost	% of Total Project Cost	Justification for %
Task 9: Construction Management	\$55,149	2%	Engineer's rule of thumb.
Task 10 Construction	\$2,757,450	\$2,757,450	See Engineer's Estimate of Probable Cost, dated August 8, 2011. Reference CLWA-8.8.

(e) Environmental Compliance/ Mitigation / Enhancement

Item	Cost	Justification for %
Task 11: Environmental Compliance/Mitigation/Enhancement	\$ 1,800	Engineer's estimate.
Total	\$ 1,800	

(f) Construction Administration

Item	Cost	
Task 12 Construction Admin	\$220,596	Assumed 8% of total cost – Engineer's rule of thumb.
Total	\$220,596	

(g) Other Costs

Item	Cost	
Task 13: PMP	\$2,400	Assumed 40 hrs for hrly admin person making \$60/hr. Rate: CLWA 2012-2013 burdened rate.
Total	\$2,400	

(h) Construction/Implementation Contingency

Item	Cost	
Task 14 Construction Contingency	\$275,745	Assumed 10% of total cost – Engineer's rule of thumb.
Total	\$275,745	

**Attachment 4 - Budget
Foothill Feeder Connection (CLWA-8)
Summary and Back-up**

Grand Total	
Item	Cost
(f) Construction Administration	\$220,596
(g) Other Costs	\$2,400
(h) Construction/Implementation Contingency	\$275,745
Total	\$498,741

**Attachment 4 - Budget
Pellet Water Softening Treatment Plant – Phase 1 (NCWD-2)
Summary and Back-up**

Project Name: Pellet Water Softening Treatment Plant – Phase 1 (NCWD-2)

Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source*	Total Cost	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$15,000	\$0	\$15,000	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$100,000	\$25,000	\$0	\$125,000	20%
(d)	Construction/Implementation	\$0	\$0	\$0	\$0	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$50,000	\$10,000	\$0	\$60,000	17%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total, (a) through (h)	\$150,000	\$50,000	\$0	\$200,000	25%

* List sources of funding:

* *NCWD Capital Improvement Program.*

**Attachment 4 - Budget
Pellet Water Softening Treatment Plant – Phase 1 (NCWD-2)
Summary and Back-up**

(a) Direct Project Administration

Task	Cost
Task 1: Administration	\$7,000
Task 2: Labor Compliance Program	NA
Task 3: Reporting	\$8,000
Total	\$15,000

Back-up Calculations						
	# of hours	\$/hr for administrator	Total Project Cost	Justification for %		
	70	\$100	\$ 7,000	Rate: NCWD 2012-2013 burdened rate.		
No construction for this project.						
	80	\$100	\$ 8,000	Rate: NCWD 2012-2013 burdened rate.		

(b) Land Purchase/ Easement

	ROW Agent/Surveyor/Appraiser	Land Purchase	Total	Cost Assumptions and Basis
Task 4: Land Purchase/Easement	\$ -		\$0	Land is owned by District so no cost is required for easement.
	\$/Acre	Acres	Land Cost	Cost Assumptions and Basis
Permanent Easement Cost			\$ NA	

**Attachment 4 - Budget
Pellet Water Softening Treatment Plant – Phase 1 (NCWD-2)
Summary and Back-up**

(c) Planning / Design/ Engineering/ Environmental Documentation

	Cost
Task 5: Assessment and Evaluation	\$10,000
Task 6: Planning/Design	\$100,000
Task 7: Environmental Documentation (Initial Study)	\$15,000
Task 8: Permitting	\$0
Total	\$125,000

Back-up Calculations		
Task 6: Planning/Design	Estimated Cost	Justification for Cost
Pellet Softening Column Specs	\$25,000	Engineer's Estimate
Chemical Dosage Specs	\$15,000	Engineer's Estimate
Treatment Skid Conceptual Design	\$30,000	Engineer's Estimate
Treatment System Conceptual Layout	\$30,000	Engineer's Estimate
Total	\$100,000	

(d) Construction/ Implementation

Item	Cost
Task 9: Construction Management	NA
Task 10 Construction	NA

(e) Environmental Compliance/ Mitigation / Enhancement

Item	Cost
Task 11: Environmental Compliance/Mitigation/Enhancement	NA
Total	NA

**Attachment 4 - Budget
Pellet Water Softening Treatment Plant – Phase 1 (NCWD-2)
Summary and Back-up**

(f) Construction Administration

Item	Cost
Task 12 Construction Admin	NA
Total	NA

(g) Other Costs

Item	Cost
Task 13.1 PMP	Cost is included in Task 1
Task 13.2 Budget Reports	\$60,000
Total	\$60,000

Back-up Calculations		
Task 13.2 Budget Reports	Estimated Cost	Justification for Cost
Capital Budgetary Cost Estimates	\$25,000	Engineer's Estimate
O&M Budgetary Cost Estimates	\$20,000	Engineer's Estimate
Water Rate Impact Cost Estimates	\$15,000	Engineer's Estimate
Total	\$60,000	

(h) Construction/Implementation Contingency

Item	Cost
Task 14 Construction Contingency	NA
Total	NA

Grand Total	
Item	Cost
(f) Construction Administration	NA
(g) Other Costs	\$60,000
(h) Construction/Implementation Contingency	NA
Total	\$60,000

Attachment 4 - Budget
SCVSD's Automatic Water Softener Rebate and Public Outreach Program, Enforcement Phase (SCVSD-1)
Summary and Back-up

Project Name: Santa Clarita Valley Sanitation District's Automatic Water Softener Rebate and Public Outreach Program, Enforcement Phase (SCVSD-1)

Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source	Total Cost	% Funding Match
(a)	Direct Project Administration Costs	\$165,000	\$0	\$0	\$165,000	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$19,002	\$16,895	\$0	\$35,897	47%
(d)	Construction/Implementation	\$2,324,572	\$846,094	\$0	\$3,170,666	27%
(e)	Environmental Compliance/Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total, (a) through (h)	\$2,508,574	\$862,989	\$0	\$3,371,563	26%

* List sources of funding:

* Santa Clarita Valley Sanitation District Operating Fund

**Attachment 4 - Budget
 SCVSD's Automatic Water Softener Rebate and Public Outreach Program, Enforcement Phase (SCVSD-1)
 Summary and Back-up**

(a) Direct Project Administration

Task	Cost
Task 1: Administration	\$99,000
Task 2: Labor Compliance Program	NA
Task 3: Reporting	\$66,000
Total	\$165,000

Back-up Calculations		
% Total Project Cost	Total Project Cost	Justification for %
3	\$ 3,300,000	Based on prior experience and expert judgment.
NA		
2	\$ 3,300,000	Based on prior experience and expert judgment.

(b) Land Purchase/ Easement

	ROW Agent/Surveyor/Appraiser	Land Purchase	Total	Cost Assumptions and Basis
Task 4: Land Purchase/Easement	\$ -		\$ NA	
	\$/Acre	Acres	Land Cost	Cost Assumptions and Basis
Permanent Easement Cost			\$ NA	

(c) Planning / Design/ Engineering/ Environmental Documentation

	Cost	Estimated Expenditure From 10/18/10 to 9/30/13	Estimated Expenditure From 10/1/13 to 12/31/16	Justification
Task 5: Assessment and Evaluation	\$35,897	\$16,895	\$19,002	See Task 5 backup
Task 6: Design	\$0	\$0	\$0	
Task 7: Environmental Documentation	N/A	\$0	\$0	
Task 8: Permitting	N/A	\$0	\$0	
Total	\$35,897	\$16,895	\$19,002	

Attachment 4 - Budget
SCVSD's Automatic Water Softener Rebate and Public Outreach Program, Enforcement Phase (SCVSD-1)
Summary and Back-up

(d) Construction/ Implementation

	Cost	Footnotes	Estimated Expenditure From 10/18/10 to 9/30/13	Estimated Expenditure From 10/1/13 to 12/31/16
Task 9: Construction Management	NA			
Task 10: Construction				
Subtask 10.1: Automatic Water Softener (AWS) Rebates	\$1,544,985	See Footnote 1 table below and Task 10.1 backup	\$618,223	\$926,762
Subtask 10.2: Developed Initial Documents, Prepared Letter Packages for Residents, Mailed Letters to Residents, and Processed Rebate Applications and Questionnaires Returned From August 2011 Resident Letters	\$38,003	Task 10.2 backup	\$38,003	\$0
Subtask 10.3: Public Outreach Program	\$275,427	Task 10.3 backup	\$37,155	\$238,272
Subtask 10.4: Home Inspection Program	\$911,171	Task 10.4 backup	\$124,533	\$786,638
Subtask 10.5: Monitoring	\$387,736	Task 10.5 backup	\$28,180	\$359,556
Subtask 10.6: Commercial Inspections	\$13,344	Task 10.6 backup	\$0	\$13,344
TOTAL	\$ 3,170,666		\$846,094	\$2,324,572

	Estimated Expenditure From 10/18/10 to 9/30/13	Estimated Expenditure From 10/1/13 to 12/31/16
Footnote 1 (AWS Rebates)***		
Actual Costs	\$556,354	\$0
Estimated District Staff Costs	\$48,621	\$222,596
Estimated Temporary Staff Costs	\$13,248	\$64,166
Estimated Future Rebates	\$0	\$400,000
Estimated Future Plumber Costs	\$0	\$240,000
<i>SubTotal</i>	<i>\$618,223</i>	<i>\$926,762</i>
Combined Total		\$1,544,985
*** See Task 10.1 backup for detailed information.		

Attachment 4 - Budget
SCVSD's Automatic Water Softener Rebate and Public Outreach Program, Enforcement Phase (SCVSD-1)
Summary and Back-up

(e) Environmental Compliance/ Mitigation / Enhancement

Item	Cost
Task 11: Environmental Documentation	\$ NA
Total	\$ NA

(f) Construction Administration

Item	Cost
Task 12 Construction Administration	NA
Total	NA

(g) Other Costs

Item	Cost
Task 13: PMP	Cost is included in Task 1.
Total	NA

(h) Construction/Implementation Contingency

Item	Cost
Task 14: Construction Contingency	NA
Total	NA
Grand Total	
Item	Cost
(f) Construction Administration	NA
(g) Other Costs	Cost is included in Task 1.
(h) Construction/Implementation Contingency	NA
Total	NA

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

**Task 5 Backup
Assessment and Evaluation**

Task 5 Backup Assessment and Evaluation	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
50% of actual cost for Sanitation District staff (with overhead and benefits) to prepare 2011 and 2012 Annual Chloride Source Identification/Reduction, Pollution Prevention, and Public Outreach Plan. Actual cost from Sanitation District's General Ledger obtained on February 14, 2013. Used 50% of total cost because report is also used for other reporting requirements.	\$10,926.14	\$0	\$10,926
Estimate of 2013 cost using 2012 cost and assuming increase in staff cost of 3% per year based on best professional judgment. $\$5,794.69 * 1.03 = \$5,968.53$	\$5,968.53	\$0	\$5,969
Estimate of 2014, 2015, and 2016 cost using 2012 cost and assuming increase in staff cost of 3% per year based on best professional judgment. $\$5,794.69 * 1.03 * 1.03 = \$6,147.59$ $\$5,794.69 * 1.03 * 1.03 * 1.03 = \$6,332.01$ $\$5,794.69 * 1.03 * 1.03 * 1.03 = \$6,521.97$	\$0	\$19,001.58	\$19,002
Total	\$16,895	\$19,002	\$35,897

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

**SubTask 10.1 Backup
Automatic Water Softener Rebates**

SubTask 10.1 Backup Automatic Water Softener Rebates	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
Actual cost to administer the Automatic Water Softener Rebate Program from October 18, 2010 to December 31, 2012. Actual cost from Sanitation District's General Ledger obtained on February 14, 2013. Actual cost includes District staff (with overhead and benefits), temporary labor, rebates paid to residents, plumber costs, and other small miscellaneous costs.	\$556,353.97	\$0	\$556,354
Estimate of Sanitation District staff cost to administer Automatic Water Softener Rebate Program from January 1, 2013 to September 30, 2013. Estimate based on Sanitation District actual staff cost from March and April 2012 (\$5,245), obtained from Sanitation District's General Ledger on February 14, 2013, when 20-30 rebates per month were processed. Assume increase of staff cost of 3% per year based on best professional judgment. $\frac{\$5,245}{\text{month}} * 1.03 * 9 \text{ months} = \$48,621.15$	\$48,621.15	\$0	\$48,621
Estimate of Sanitation District staff cost to administer Automatic Water Softener Rebate Program from October 1, 2013 to December 31, 2013. Estimate based on Sanitation District actual staff cost from March and April 2012 (\$5,245), obtained from Sanitation District's General Ledger on February 14, 2013, when 20-30 rebates per month were processed. Assume increase of staff cost of 3% per year based on best professional judgment. $\frac{\$5,245}{\text{month}} * 1.03 * 3 \text{ months} = \$16,207.05$	\$0	\$16,207.05	\$16,207
Estimate of Sanitation District staff cost to administer Automatic Water Softener Rebate Program for 2014, 2015, and 2016. Estimate based on Sanitation District actual staff cost from March and April 2012 (\$5,245), obtained from Sanitation District's General Ledger on February 14, 2013, when 20-30 rebates per month were processed. Assume increase of staff cost of 3% per year based on best professional judgment. $\frac{\$5,245}{\text{month}} * 1.03 * 1.03 * 12 \text{ months} = \$66,773.05$ $\frac{\$5,245}{\text{month}} * 1.03 * 1.03 * 1.03 * 12 \text{ months} = \$68,776.24$ $\frac{\$5,245}{\text{month}} * 1.03 * 1.03 * 1.03 * 1.03 * 12 \text{ months} = \$70,839.52$	\$0	\$206,388.81	\$206,389

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.1 Backup Automatic Water Softener Rebates	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate temporary staff cost for January 1, 2013 to September 30, 2013 at 1 person at 40% time, 40 hours per week, paid \$23 per hour based on 2012 staff costs. Assume no increase in staff cost for 2013.</p> $\frac{\$23}{\text{hour}} * 40 \frac{\text{hours}}{\text{week}} * 36 \text{ weeks} * 40\% = \$13,248.00$	\$13,248.00	\$0	\$13,248
<p>Estimate temporary staff cost for October 1, 2013 to December 31, 2013 at 1 person at 40% time, 40 hours per week, paid \$23 per hour based on 2012 staff costs. Assume no increase in staff cost for 2013.</p> $\frac{\$23}{\text{hour}} * 40 \frac{\text{hours}}{\text{week}} * 12 \text{ weeks} * 40\% = \$4,416.00$	\$0	\$4,416.00	\$4,416
<p>Estimate temporary staff cost for 2014, 2015 and 2016 at 1 person at 40% time, 40 hours per week, 51 weeks per year, paid \$23 per hour based on 2012 staff costs. Assume no increase in staff cost for 2013. Assume increase of staff cost of 3% per year for 2014, 2015, and 2016 based on best professional judgment.</p> $\frac{\$23}{\text{hour}} * 40 \frac{\text{hours}}{\text{week}} * 51 \frac{\text{weeks}}{\text{year}} * 40\% * 1.03 = \$19,331.04$ $\frac{\$23}{\text{hour}} * 40 \frac{\text{hours}}{\text{week}} * 51 \frac{\text{weeks}}{\text{year}} * 40\% * 1.03 * 1.03 = \$19,910.97$ $\frac{\$23}{\text{hour}} * 40 \frac{\text{hours}}{\text{week}} * 51 \frac{\text{weeks}}{\text{year}} * 40\% * 1.03 * 1.03 * 1.03 = \$20,508.30$	\$0	\$59,750.31	\$59,750
<p>Estimate 2,000 more automatic water softener rebates paid. Rebate cost estimated at \$200 for each rebate based on best professional judgment.</p> $2,000 \text{ rebates} * \frac{\$200}{\text{rebate}} = \$400,000$	\$0	\$400,000.00	\$400,000
<p>Estimate 2,000 more automatic water softener rebates paid. Estimate at \$120 in plumber costs for each rebate paid based on best professional judgment.</p> $2,000 \text{ rebates} * \frac{\$120}{\text{rebate}} = \$240,000$	\$0	\$240,000.00	\$240,000
Total	\$618,223	\$926,762	\$1,544,985

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.2 Backup

Developed Initial Documents, Prepared Letter Packages for Residents, Mailed Letters to Residents, and Processed Rebate Applications and Questionnaires Returned From August 2011 Resident Letters

SubTask 10.2 Backup Developed Initial Documents, Prepared Letter Packages for Residents, Mailed Letters to Residents, and Processed Rebate Applications and Questionnaires Returned From August 2011 Resident Letters	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
Actual cost for Sanitation District staff (with overhead and benefits) from October 18, 2010 to February 29, 2012.			
Actual cost from Sanitation District's General Ledger obtained on February 14, 2013.	\$38,003.38	\$0	\$38,003
Total	\$38,003	\$0	\$38,003

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

**SubTask 10.3 Backup
Public Outreach Program**

SubTask 10.3 Backup Public Outreach Program	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
Actual cost spent on public outreach from October 18, 2010 to December 31, 2012. Actual cost from Sanitation District's General Ledger obtained on February 14, 2013. Actual cost includes Sanitation District staff (with overhead and benefits) plus cost for advertisements in The Signal newspaper, addresses for new homeowners so the Sanitation District could send letters to these residents, and special envelopes purchased for the August 2011 mailer. Cost also includes an estimate of postage for the August 2011 mailer.	\$28,738.12	\$0	\$28,738
Estimate of public outreach cost from January 1, 2013 to September 30, 2013. Estimate based on estimate for the purchase of two advertisements in The Signal (\$6,292.00), staff time needed to revise the advertisement from the pilot scale advertisement and design door hangers (\$1,000.00), and purchase of 2,000 door hangers that will be delivered during the home inspection program (\$1,125.00).	\$8,417.00	\$0	\$8,417
Estimate of cost of public outreach program for years 2014, 2015, and 2016 was based on actual amount spent on public outreach consultant O'Rorke from January through June 2009. Actual O'Rorke cost for community-wide outreach program from January through June 2009 was \$95,413.45 based on invoices paid. During this time the Sanitation District engaged in a multimedia public outreach campaign as described on page 4-12 of the 2010 Annual Chloride Source Identification/Reduction, Pollution Prevention, and Public Outreach Plan. The Sanitation District estimates that a lower amount of effort will be needed in the future since most of the automatic water softeners have been removed. Assume 30% of the amount spent from January through June 2009 based on best professional judgment. Also assume two mailers per year. Based on recent proposals assume 1 letter will cost \$25,830 and 1 postcard per year will cost \$18,075. Assume increase of staff cost and public outreach materials of 3% per year based on best professional judgment. $\$95,413.45 * 30\% * 1.03 * 1.03 * 1.03 * 1.03 * 1.03 + \$25,830 + \$18,075 = \$77,088.10$ $(\$95,413.45 * 30\% * 1.03 * 1.03 * 1.03 * 1.03 * 1.03 + \$25,830 + \$18,075) * 1.03 = \$79,400.74$ $(\$95,413.45 * 30\% * 1.03 * 1.03 * 1.03 * 1.03 * 1.03 + \$25,830 + \$18,075) * 1.03 * 1.03 = \$81,782.77$	\$0	\$238,271.61	\$238,272
Total	\$37,155	\$238,272	\$275,427

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

**SubTask 10.4 Backup
Home Inspection Program**

SubTask 10.4 Backup Home Inspection Program	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
Actual cost for Sanitation District staff (with overhead and benefits) to administer the Automatic Water Softener Enforcement Program from March 1, 2012 to December 31, 2012. Actual cost from Sanitation District's General Ledger obtained on February 14, 2013.	\$29,075.21	\$0	\$29,075
Estimate of Sanitation District non-inspection staff cost to administer Automatic Water Softener Enforcement Program from January 1, 2013 to September 30, 2013. Estimate based on Sanitation District actual staff cost from October 2012 (\$9,216) obtained from Sanitation District's General Ledger on February 14, 2013. Estimated cost from October 2012 was used because the pilot scale inspection program took place during the month. Assume home inspections will take place during 5 months (February, March, July, August, and September) based on Sanitation District's current schedule. Assume increase of staff cost of 3% per year based on best professional judgment. $\frac{\$9,216}{\text{month}} * 1.03 * 5 \text{ months} = \$47,462.40$	\$47,462.40	\$0	\$47,462
Estimate of Sanitation District non-inspection staff cost to administer Automatic Water Softener Enforcement Program from October 1, 2013 to December 31, 2013. Estimate based on Sanitation District actual staff cost from October 2012 (\$9,216) obtained from Sanitation District's General Ledger on February 14, 2013. Estimated cost from October 2012 was used because the pilot scale inspection program took place during the month. Assume home inspections will take place during all three months based on Sanitation District's current schedule. Assume increase of staff cost of 3% per year based on best professional judgment. $\frac{\$9,216}{\text{month}} * 1.03 * 3 \text{ months} = \$28,477.44$	\$0	\$28,477.44	\$28,477

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.4 Backup Home Inspection Program	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate of Sanitation District non-inspection staff cost to administer Automatic Water Softener Enforcement Program during 2014, 2105, and 2016. Estimate based on Sanitation District actual staff cost from October 2012 (\$9,216) obtained from Sanitation District's General Ledger on February 14, 2013. Estimated cost from October 2012 was used because the pilot scale inspection program took place during the month. Assume home inspections will take place during all months based on Sanitation District's current schedule. Assume increase of staff cost of 3% per year based on best professional judgment.</p> $\frac{\$9,216}{\text{month}} * 1.03 * 1.03 * 12 \text{ months} = \$117,327.05$ $\frac{\$9,216}{\text{month}} * 1.03 * 1.03 * 1.03 * 12 \text{ months} = \$120,846.86$ $\frac{\$9,216}{\text{month}} * 1.03 * 1.03 * 1.03 * 1.03 * 12 \text{ months} = \$124,472.27$	\$0	\$362,646.19	\$362,646
<p>Estimate of Sanitation District staff inspection cost for the Automatic Water Softener Enforcement Program from January 1, 2013 to September 30, 2013. Estimate based on best professional judgment (see memo entitled <i>Estimate of Annual Industrial Waste Inspection Labor Cost for SRWS Home Inspections in the SCV</i>, dated January 15, 2013 – Reference SCVSD-1.3). Assume home inspections will take place during 5 months (February, March, July, August, and September) based on Sanitation District's current schedule.</p> $\frac{\$115,188.48}{12 \text{ months}} * 5 \text{ months} = \$47,955.20$	\$47,995.20	\$0	\$47,995
<p>Estimate of Sanitation District staff inspection cost for the Automatic Water Softener Enforcement Program from October 1, 2013 to December 31, 2013. Estimate based on best professional judgment (see Reference SCVSD-1.3). Assume home inspections during all three months based on Sanitation District's current schedule.</p> $\frac{\$115,188.48}{12 \text{ months}} * 3 \text{ months} = \$28,797.12$	\$0	\$28,797.12	\$28,797

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.4 Backup Home Inspection Program	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate of Sanitation District staff inspection cost for the Automatic Water Softener Enforcement Program during 2014, 2105, and 2016. Estimate based on best professional judgment (see Reference SCVSD-1.3). Assume home inspections will take place during all months based on Sanitation District's current schedule. Assume increase of staff cost of 3% per year based on best professional judgment.</p> $\frac{\$115,188.48}{12 \text{ months}} * 12 \text{ months} * 1.03 = \$118,644.13$ $\frac{\$115,188.48}{12 \text{ months}} * 12 \text{ months} * 1.03 * 1.03 = \$122,203.46$ $\frac{\$115,188.48}{12 \text{ months}} * 12 \text{ months} * 1.03 * 1.03 * 1.03 = \$125,869.56$	\$0	\$366,717.16	\$366,717
Total	\$124,533	\$786,638	\$911,171

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

**SubTask 10.5 Backup
Monitoring**

SubTask 10.5 Backup Monitoring	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
Actual cost for Sanitation District staff (with overhead and benefits) to conduct quarterly influent monitoring at the Saugus and Valencia WRPs from October 18, 2010 to December 31, 2012. Actual cost from Sanitation District's General Ledger obtained on February 14, 2013.	\$16,179.68	\$0	\$16,179
Estimate of Sanitation District staff cost to conduct quarterly influent monitoring at the Saugus and Valencia WRPs from January 1, 2013 to September 30, 2013. Estimate based on best professional judgment of cost approximately \$4,000 per sampling event. $\frac{\$4,000}{\text{sampling event}} * 3 \text{ sampling events} = \$12,000.00$	\$12,000.00	\$0	\$12,000
Estimate of Sanitation District staff cost to conduct quarterly influent monitoring at the Saugus and Valencia WRPs from October 1, 2013 to December 31, 2013. Estimate based on best professional judgment of cost approximately \$4,000 per sampling event. $\frac{\$4,000}{\text{sampling event}} * 1 \text{ sampling events} = \$4,000.00$	\$0	\$4,000.00	\$4,000
Estimate of Sanitation District staff cost to conduct quarterly influent monitoring at the Saugus and Valencia WRPs during 2014, 2015, and 2016. Estimate based on best professional judgment of cost approximately \$4,000 per sampling event. Assume increase of staff cost of 3% per year based on best professional judgment. $\frac{\$4,000}{\text{sampling event}} * 4 \text{ sampling events} * 1.03 = \$16,480.00$ $\frac{\$4,000}{\text{sampling event}} * 4 \text{ sampling events} * 1.03 * 1.03 = \$16,974.40$ $\frac{\$4,000}{\text{sampling event}} * 4 \text{ sampling events} * 1.03 * 1.03 * 1.03 = \$17,483.63$	\$0	\$50,938.03	\$50,938

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.5 Backup Monitoring	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate of cost in 2014 to sample six neighborhoods that were sampled in 2001 (see the Santa Clarita Valley Joint Sewerage System Chloride Source Report, October 2002, pages 4-42 to 4-46). Assume hourly sample collection for four days at each neighborhood. Assume samplers are set up in one location for each neighborhood. Assume four samplers can be set up per day. Cost of chloride analysis in 2013 is \$12.79 per sample per Maria Pang (Assistant Manager of Sanitation Districts' Laboratories). Assume sampling equipment cost (depreciation, maintenance, etc.) is estimated at \$40 per sample set (assume 24 bottles per sample set). Assume monitoring crew hourly rate (Tech III-Step 5) in 2013 with overhead and benefits is \$43.65 per hour *1.4 benefit rate = \$61.11 per hour. Assume time needed to setup and dismantle sampling equipment. Assume staff needs to visit sites daily to collect sample bottles. Assume increase of staff, chloride analysis, and equipment cost of 3% per year based on best professional judgment.</p> <p>Analysis and Equipment Cost for 24 Samples:</p> $\frac{\$12.79}{\text{chloride analysis}} * 24 \text{ samples} + \$40 \text{ for equipment costs} = \346.96 <p>Daily Monitoring Labor Cost:</p> $\frac{\$61.11}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} = \488.88 <p>Estimated Monitoring Cost:</p> $6 \text{ neighborhoods} * \frac{4 \text{ days}}{\text{neighborhood}} * \frac{\$346.96}{\text{day}} * 1.03 + 5 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 = \$11,094.58$	\$0	\$11,094.58	\$11,095

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.5 Backup Monitoring	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate cost in 2014 for canvas sampling of 4 neighborhoods. Assume hourly sample collection for four days at each neighborhood. Assume samplers are set up in one location for each neighborhood. Assume four samplers can be set up per day. Cost of chloride analysis in 2013 is \$12.79 per sample per Maria Pang (Assistant Manager of Sanitation Districts' Laboratories). Assume sampling equipment cost (depreciation, maintenance, etc.) is estimated at \$40 per sample set (assume 24 bottles per sample set). Assume monitoring crew hourly rate (Tech III-Step 5) in 2013 with overhead and benefits is \$43.65 per hour *1.4 benefit rate = \$61.11 per hour. Assume time needed to setup and dismantle sampling equipment. Assume staff needs to visit sites daily to collect sample bottles. Assume increase of staff, chloride analysis, and equipment cost of 3% per year based on best professional judgment.</p> <p>Analysis and Equipment Cost for 24 Samples:</p> $\frac{\$12.79}{\text{chloride analysis}} * 24 \text{ samples} + \$40 \text{ for equipment costs} = \346.96 <p>Daily Monitoring Labor Cost:</p> $\frac{\$61.11}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} = \488.88 <p>Estimated Monitoring Cost:</p> $4 \text{ neighborhoods} * \frac{4 \text{ days}}{\text{neighborhood}} * \frac{\$346.96}{\text{day}} * 1.03 + 5 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 = \$8,235.63$	\$0	\$8,235.63	\$8,236

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.5 Backup Monitoring	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate cost for target sampling of 4 neighborhoods in 2014, 12 neighborhood in 2015, and 12 neighborhoods in 2016. Assume hourly sample collection for four days at each neighborhood. Assume samplers are set up in one location only for each neighborhood. Assume four samplers can be set up per day. Cost of chloride analysis in 2013 is \$12.79 per sample per Maria Pang (Assistant Manager of Sanitation Districts' Laboratories). Assume sampling equipment cost (depreciation, maintenance, etc.) is estimated at \$40 per sample set (assume 24 bottles per sample set). Assume monitoring crew hourly rate (Tech III-Step 5) in 2013 with overhead and benefits is \$43.65 per hour *1.4 benefit rate = \$61.11 per hour. Assume time needed to setup and dismantle sampling equipment. Assume staff needs to visit sites daily to collect sample bottles. Assume increase of staff, chloride analysis, and equipment cost of 3% per year based on best professional judgment.</p> <p>Analysis and Equipment Cost for 24 Samples:</p> $\frac{\$12.79}{\text{chloride analysis}} * 24 \text{ samples} + \$40 \text{ for equipment costs} = \346.96 <p>Daily Monitoring Labor Cost:</p> $\frac{\$61.11}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} = \488.88 <p>Estimated Monitoring Cost:</p> $4 \text{ neighborhoods} * \frac{4 \text{ days}}{\text{neighborhood}} * \frac{\$346.96}{\text{day}} * 1.03 + 5 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 = \$8,235.63$ $12 \text{ neighborhoods} * \frac{4 \text{ days}}{\text{neighborhood}} * \frac{\$346.96}{\text{day}} * 1.03 * 1.03 + 15 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 * 1.03 = \$25,448.11$ $12 \text{ neighborhoods} * \frac{4 \text{ days}}{\text{neighborhood}} * \frac{\$346.96}{\text{day}} * 1.03 * 1.03 * 1.03 + 15 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 * 1.03 * 1.03 = \$26,211.55$	\$0	\$59,895.29	\$59,895

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

SubTask 10.5 Backup Monitoring	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate cost for target sampling of 4 homes in 2014, 20 homes in 2015, and 80 homes in 2016. Assume hourly sample collection for four days at each neighborhood. Assume samplers are set up in one location for each home. Assume four samplers can be set up per day. Cost of chloride analysis in 2013 is \$12.79 per sample per Maria Pang (Assistant Manager of Sanitation Districts' Laboratories). Assume sampling equipment cost (depreciation, maintenance, etc.) is estimated at \$40 per sample set (assume 24 bottles per sample set). Assume monitoring crew hourly rate (Tech III-Step 5) in 2013 with overhead and benefits is \$43.65 per hour *1.4 benefit rate = \$61.11 per hour. Assume time needed to setup and dismantle sampling equipment. Assume staff needs to visit sites daily to collect sample bottles. Assume increase of staff, chloride analysis, and equipment cost of 3% per year based on best professional judgment.</p> <p>Analysis and Equipment Cost for 24 Samples:</p> $\frac{\$12.79}{\text{chloride analysis}} * 24 \text{ samples} + \$40 \text{ for equipment costs} = \346.96 <p>Daily Monitoring Labor Cost:</p> $\frac{\$61.11}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} = \488.88 <p>Estimated Monitoring Cost:</p> $4 \text{ homes} * \frac{4 \text{ days}}{\text{home}} * \frac{\$346.96}{\text{day}} * 1.03 + 5 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 = \$8,235.63$ $20 \text{ homes} * \frac{4 \text{ days}}{\text{home}} * \frac{\$346.96}{\text{day}} * 1.03 * 1.03 + 25 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 * 1.03 = \$42,413.51$ $80 \text{ homes} * \frac{4 \text{ days}}{\text{home}} * \frac{\$346.96}{\text{day}} * 1.03 * 1.03 * 1.03 + 100 \text{ days labor} * \frac{\$488.88}{\text{day}} * 1.03 * 1.03 * 1.03 = \$174,743.66$	\$0	\$225,392.80	\$225,392
Total	\$28,180	\$359,556	\$387,736

**Santa Clarita Valley Sanitation District's
Automatic Water Softener Rebate and Public Outreach Program**

**SubTask 10.6 Backup
Commercial Inspections**

SubTask 10.6 Backup Commercial Inspections	Estimated Expenditure from 10/18/2010 to 9/30/13	Estimated Expenditure 10/1/2013 to 12/31/2016	Total
<p>Estimate District staff time to inspect each retailer that sold salt, potassium chloride, and/or automatic water softeners once a year. Estimate 1.5 hours per retailer and estimate visiting 32 retailers per year. Assume 4 retailers per 8 hour day to allow for driving time. Assume inspector hourly rate (Inspector II-Step 5) in 2013 with overhead and benefits is \$46.78 per hour *1.4 benefit rate = \$65.49 per hour. Assume increase of staff cost of 3% per year based on best professional judgment.</p> $32 \text{ retailers} * \frac{1 \text{ day}}{4 \text{ retailers}} * \frac{\$65.49}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} * 1.03 = \$4,317.23$ $32 \text{ retailers} * \frac{1 \text{ day}}{4 \text{ retailers}} * \frac{\$65.49}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} * 1.03 * 1.03 = \$4,446.75$ $32 \text{ retailers} * \frac{1 \text{ day}}{4 \text{ retailers}} * \frac{\$65.49}{\text{hour}} * 8 \frac{\text{hours}}{\text{day}} * 1.03 * 1.03 * 1.03 = \$4,580.15$			
Total	\$0	\$13,344.13	\$13,344
	\$0	\$13,344	\$13,344

**Attachment 4 - Budget
USCR Arundo/Tamarisk Removal Program (SCARP) Implementation (SC-1/BCN-1)
Summary and Back-up**

Project Name: SC-1/BCN-1 USCR Arundo/Tamarisk Removal Program (SCARP) Implementation

Budget Category		Requested Grant Amount	Cost Share: Non-State Fund Source (Funding Match)*	Cost Share: Other State Fund Source*	Total Cost	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$27,700	\$0	\$27,700	100%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/Environmental Documentation	\$60,000	\$2,275	\$0	\$62,275	4%
(d)	Construction/Implementation	\$260,750	\$118,500	\$0	\$379,250	31%
(e)	Environmental Compliance/Mitigation/Enhancement	\$13,300	\$4,700	\$0	\$18,000	26%
(f)	Construction Administration	\$40,000	\$0	\$0	\$40,000	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$45,000	\$0	\$0	\$45,000	0%
(i)	Grand Total, (a) through (h)	\$419,050	\$153,175	\$0	\$572,225	27%

*** List sources of funding:**

1 *City of Santa Clarita Stormwater Utility Fund.*

**Attachment 4 - Budget
USCR Arundo/Tamarisk Removal Program (SCARP) Implementation (SC-1/BCN-1)
Summary and Back-up**

(a) Direct Project Administration

Task	Cost
Task 1: Administration	\$22,700
Task 2: Labor Compliance Program	\$5,000
Task 3: Reporting	Cost included in Task 1
Total	\$27,700

Back-up Calculations					
# of hours	\$/hr for administrator	OR	% of Total Project Cost	Total Project Cost	Justification for %
333	60	plus	4%	\$72,225	% of Total Project Cost
83	60				

(b) Land Purchase/ Easement

	ROW Agent/Surveyor/Appraiser	Land Purchase	Total	Cost Assumptions and Basis
Task 4: Land Purchase/Easement	\$ -		NA	
	\$/Acre	Acres	Land Cost	Cost Assumptions and Basis
Permanent Easement Cost			\$ NA	

(c) Planning / Design/ Engineering/ Environmental Documentation

	Cost	Back-up Calculations
Task 5: Assessment and Evaluation	\$ 2,275	Previous Costs already spent.
Task 6: Design	NA	
Task 7: Environmental Documentation	NA	
Task 8: Permitting	\$ 60,000	Engineer's estimate
Total	\$ 62,275	

**Attachment 4 - Budget
USCR Arundo/Tamarisk Removal Program (SCARP) Implementation (SC-1/BCN-1)
Summary and Back-up**

(d) Construction/ Implementation

Item	Cost
Task 9: Construction Management	\$0
Construction/Implementation Task:	
SubTask 10.1 Mobilization and Site Preparation	
SubTask 10.2 Project Construction	\$289,250
SubTask 10.3 Resprouts	\$90,000
Task 10: Construction	\$379,250

Back-up Calculations
NA
See Reference SC-1.7 : 2012 Contractor's Bid Proposal to complete arundo/tamarisk removal for a portion of Area E of the SCARP Site Specific Plan — including a total of 43 acres – that has already had two rounds of cuttings in 2009 and 2010. These cost estimates are also included.
City's estimate based on past experience is that resprouts cost approximately \$30k per round. So 3 rounds of resprouts = \$90k.

(e) Environmental Compliance/ Mitigation / Enhancement

Item	Cost	Wage	Hours	Description of Work Performed
SubTask 11.1: Biological Monitoring	\$14,800	80/hr.	185	Monitoring Abatement Activities
SubTask 11.2: Pre-Surveys	\$3,200	80/hr.	40	Botanical and Wildlife Surveys
Total	\$18,000			

(f) Construction Administration

Item	Cost
Task 12: Construction Admin	\$ 40,000
Total	\$ 40,000

Justification for Amount
Engineer's Estimate

(g) Other Costs

Item	Cost
Task 13: PMP	Cost included in Task 12 (Admin)

**Attachment 4 - Budget
USCR Arundo/Tamarisk Removal Program (SCARP) Implementation (SC-1/BCN-1)
Summary and Back-up**

(h) Construction/Implementation Contingency

Item	Cost
Task 14 Construction contingency	\$ 45,000
Total	\$ 45,000
Grand Total	
Item	Cost
(f) Construction Administration	\$40,000
(g) Other Costs	Cost included in Task 12 (Admin)
(h) Construction/Implementation Contingency	\$45,000
Total	\$85,000

% of Total Project Cost	Total Project Cost	Justification for %
15%	\$300,000	Engineer's rule of thumb.