

Table 8 – Summary Budget						
Proposal Title: Westside IRWM						
Individual Project Title		(a)	(b)	(c)	(d)	(e)
		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost	% Funding Match (col. b/col. d)
(a)	Project Name	Grand Total (Sum rows (a) through (h) from Table 7)	Grand Total (Sum rows (a) through (h) from Table 7)	Grand Total (Sum rows (a) through (h) from Table 7)	Grand Total (Sum rows (a) through (h) from Table 7)	
(b)	Dixon Main Drain / V-drain Enlargement Project	\$2,114,028.42	\$961,726.47	\$130,000.00	\$3,205,754.89	30.00%
(c)	Middle Creek Flood Damage Reduction and Ecosystem Restoration Project	\$1,000,000.00	\$63,888.00	\$0.00	\$1,063,888.00	6.01%
(d)	Lower Putah Creek Main Channel Restoration: Monticello Dam to Dry Creek	\$1,075,000.00	\$367,700.00	\$0.00	\$1,442,700.00	25.49%
(e)	Wastewater Storage Ponds and Disposal Improvements	\$1,000,000.00	\$5,525,000.00	\$0.00	\$6,525,000.00	84.67%
(f)	Regional Collaborative Water Use Efficiency Program	\$185,550.00	\$64,850.00	\$0.00	\$250,400.00	25.90%
(g)	Water Tank Replacement Project	\$1,000,000.00	\$482,046.00	\$0.00	\$1,482,046.00	32.53%
(h)	WDCWA Portion of the Sacramento River Joint Intake Project	\$2,000,000.00	\$7,230,063.50	\$0.00	\$9,230,063.50	78.33%
(h,2)	Abandoned Well Incentive Program	\$1,205,000.00	\$257,050.00	\$0.00	\$1,462,050.00	17.58%
(i)	Proposal Total (Sum rows (a) through (h) for each column)	\$9,579,578.42	\$14,952,323.97	\$130,000.00	\$24,661,902.39	60.63%
(j)	DAC Funding Match Waiver Total (Sum column (d) only for projects seeking DAC funding match waiver in rows (a) through (h))				\$9,070,934.00	
(k)	Grand Total (Subtract row (j) from row (i) and recalculate column (e) – Funding Match %)				\$15,590,968.39	95.90%

Attachment 4
Proposal: Westside IRWM
Project: Abandoned Well Incentive Program

Table 7. Project Budget

Proposal Title: Westside IRWMP

Project Title Abandoned Well Incentive Program

Category		(a)	(b)	(c)	(d)
		Requested Grant Amount	Cost Share: Non-State Fund Source*	Cost Share: Other State Fund Source*	Total Cost
(Funding Match)					
(a)	Direct Project Administration Costs	\$150,000	\$110,250	\$0	\$260,250
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0
(c)	Planning/Design/Engineering/Environmental Documentation	\$0	\$0	\$0	\$0
(d)	Construction/Implementation	\$1,055,000	\$ 126,000.00	\$0	\$1,181,000
(e)	Environmental Compliance/Mitigation/Enhancement	\$0	\$0	\$0	\$0
(f)	Construction Administration	\$0	\$0	\$0	\$0
(g)	Other Costs (travel + office)	\$0	\$20,800	\$0	\$20,800
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0
(i)	Grand Total	\$1,205,000	\$257,050	\$0	\$1,462,050

***List of sources of funding:**In-kind funding from YCFCWCD, Yolo RCD, Yolo County FB, Lake County FB, Solano County RCD, and individual land owners enrolled in the program.

Non-State Funding Sources

	YCFCWCD	\$ 65,800	In-kind
	Yolo RCD	\$ 7,250	In-kind
	Yolo County Farm Bureau	\$14,500	In-kind
	Lake County Farm Bureau	\$ 21,750	In-kind
	Solano County RCD	\$ 21,750	In-kind
	Individual Land Owners (\$900/owner)	\$126,000	In-kind
	Subtotal Non-State Fund Sources	\$257,050	

Other-State Funding Sources

(a) Direct Project Administration Costs

Project administration costs are relatively high because they include outreach and management of well submission from more than 100 different landowners. Labor compliance program is included.

(b) Land Purchase/Easement N/A

(c) Planning/Design/Engineering/ Environmental Documentation

Well destruction is permitted like a residential construction inspection permit and does not require drawings or permit review. All engineering is prescriptive. CEQA does not apply, all activities are already required by law.

(d) Construction/Implementation

Each well takes one to two days to complete construction.

(e) Environmental Compliance/ Mitigation/Enhancement

Environmental laws already require the proper destruction of abandoned wells. Mitigation and enhancement are not applicable.

(f) Construction Administration

Construction administration tasks are performed by the Coordinator position. Construction administration is small, similar to hiring a plumber or painter for a residential home project. Contracts/quotes are typically written by the well contractor at the site immediately after preliminary site investigation.

(g) Other Costs (travel)

The Coordinator will be assigned a YCFCWCD vehicle. Average travel is estimated at 200 miles per week.

(h) Construction/Implementation Contingency

The Well program is very scalable by changing the number of wells. Construction contingency is set at zero because the project is easily scalable by increasing or decreasing the number of wells to match funding and costs.

Attachment 4 Budget, Additional Information
Proposal: Westside IRWM
Project: Abandoned Well Incentive Program

Table 4A1 Non-Construction Budget Table					
<u>Project Items</u>	<u>Grant Funds</u>	<u>Cost share</u>	<u>Total</u>		
Full time project coordinator position for two years \$23.80/hr at 2080 hrs per year. (benefits and overhead at factor 1.5)	\$150,000		\$150,000		
Travel milage / assigned fleet vehicle (200 miles / wk @ \$0.50/mi) (YFCWCD)		\$10,400	\$10,400		
YFCWCD		\$65,800			
Yolo RCD		\$7,250			
Yolo County Farm Bureau		\$14,500			
Lake County Farm Bureau		\$21,750			
Solano County RCD		\$21,750			
Individual Land Owners (\$900/ owner) (pre construction prep)		\$126,000			
Totals	\$150,000	\$267,450	\$417,450		
Table 4A2. Cost for one well					
Estimated Costs for One (1) 200 ft deep 12 inch diameter Well, quote from Layne-Christenson Inc, a licensed well contractor, using prevailing wage costs.					
	Quantity	Units	Unit Price	Ext Price	
R&I	1		\$1,500	\$1,500	
Video Surveys (optional)	1		\$1,800	\$1,800	
Rehabilitate and Bail Well	1		\$200	\$200	
Perforate Well Casing w/ Mills Knife	10	hours	\$250	\$2,500	
Well Abandonment					
Labor	10	hours	\$197	\$1,970	
Neat Cement Grout	7	yards	\$274	\$1,919	
Cement Pump	1	LS	\$1,200	\$1,200	

Attachment 4 Budget, Additional Information

Proposal: Westside IRWM

Project: Abandoned Well Incentive Program

Backhoe - Cat 416D, fueled	1	day	\$324	\$324
			Sub-total	\$5,413
			Tax	\$364
		One Well Total Estimate		\$11,777

Attachment 4 Budget

Proposal: Westside IRWM

Project: Davis-Woodland Water Supply Project-Intake

Table 7 – Project Budget

Proposal Title: Westside IRWM

Project Title: WDCWA Portion of the Sacramento River Joint Intake Project

Category		(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source* (Funding Match)	(c) Cost Share: Other State Fund Source*	(d) WDCWA Total Cost
(a)	Direct Project Administration Costs	\$ -	\$ 21,150	\$ -	\$ 21,150
(b)	Land Purchase/Easement	\$ -	\$ 4,230	\$ -	\$ 4,230
(c)	Planning/Design/Engineering/ Environmental Documentation	\$ -	\$ 173,430	\$ -	\$ 173,430
(d)	Construction/Implementation	\$ 2,000,000	\$ 4,499,135	\$ -	\$ 6,499,135
(e)	Environmental Compliance/ Mitigation/Enhancement	\$ -	\$ 84,600	\$ -	\$ 84,600
(f)	Construction Administration	\$ -	\$ 822,735	\$ -	\$ 822,735
(g)	Other Costs	\$ -	\$ -	\$ -	\$ -
(h)	Construction/Implementation Contingency	\$ -	\$ 1,624,784	\$ -	\$ 1,624,784
(i)	Grand Total	\$ 2,000,000	\$ 7,230,064	\$ -	\$ 9,230,064

***List of sources of funding:**

Non-State Funding Sources

Woodland-Davis Clean Water Agency	\$ 7,230,064
Subtotal Non-State Fund Sources	\$ 7,230,064

Other-State Funding Sources

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Table 8 – Summary Budget

Proposal Title: Westside IRWMP

Individual Project Title		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost	% Funding Match (col. b/col. d)
(a)	WDCWA Portion of the Sacramento River Joint Intake Project	\$ 2,000,000.00	\$ 7,230,063.50	\$ -	\$ 9,230,063.50	78%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$ 2,000,000.00	\$ 7,230,063.50	\$ -	\$ 9,230,063.50	78%

Proposal: Westside IRWM
Project: WDCWA Portion of the Sacramento River Joint Intake Project
Construction Cost Estimate for Joint River Intake and Pump Station - 2012

Cost Category	Total Construction Cost	Common Facility Portion			Specifically Identified RD 2035 Elements	Specifically Identified WDCWA Elements
	Total Price	Total Price	RD 2035 Portion	WDCWA Portion	Total Price	Total Price
River Intake	\$19,199,543	\$18,962,344	\$16,232,746	\$2,729,598	\$0	\$237,199
Excavation and Grading for Intake	\$219,268	\$219,268	\$171,029	\$48,239		
Intake Cofferdam	\$5,365,223	\$5,365,223	\$4,828,700	\$536,522		
Intake Concrete Structure	\$9,538,442	\$9,538,442	\$7,439,985	\$2,098,457		
Intake Center Divider Wall & Gates	\$237,199					\$237,199
Intake Protection Riprap, U/S & D/S Piling	\$707,914	\$707,914	\$707,914	\$0		
Intake Fish Screens and Flow Baffles	\$2,201,203	\$2,201,203	\$2,201,203	\$0		
Fish Screen Cleaning Mechanism	\$453,122	\$453,122	\$453,122	\$0		
Intake Sediment Management System	\$386,494	\$386,494	\$340,115	\$46,379		
Intake Electrical	\$90,678	\$90,678	\$90,678	\$0		
Pump Station & Pipelines	\$9,066,722	\$564,797	\$282,398	\$282,398	\$6,656,749	\$1,845,177
CMU Building Superstructure	\$413,633	\$413,633	\$206,816	\$206,816		
Pump Station Drainage & Plumbing	\$20,856	\$20,856	\$10,428	\$10,428		
Pump Station Building Lights etc	\$27,204	\$27,204	\$13,602	\$13,602		
Pump Station Architectural	\$38,266	\$38,266	\$19,133	\$19,133		
Pump Station HVAC	\$85,238	\$64,838	\$32,419	\$32,419		\$20,400
RD 2035 Pumps, Motors, Starters 80cfs	\$2,218,904				\$2,218,904	
RD 2035 Discharge Piping and Valving	\$4,437,845				\$4,437,845	
WDCWA Discharge Piping and Valving	\$1,824,777					\$1,824,777
Outlet Structure	\$2,434,435	\$0	\$0	\$0	\$2,434,435	\$0
General Excavation and Make Pad for Cofferdam	\$33,915				\$33,915	
Outlet Cofferdam	\$346,786				\$346,786	
Outlet Concrete Structure	\$1,603,404				\$1,603,404	
Outlet Structure Gate, Grating etc	\$268,973				\$268,973	
Outlet Structure Electrical	\$181,357				\$181,357	
Site Electrical Facilities	\$1,994,927	\$0	\$0	\$0	\$1,839,477	\$155,450
Rd 2035 Transformer	\$453,392				\$453,392	
RD 2035 Electrical Conduit, Wire, Equipment etc	\$272,035				\$272,035	
Site Instrumentation & Control	\$1,133,481				\$1,020,031	\$113,450
Intake Area Site Electrical	\$90,678				\$48,678	\$42,000

Cost Category	Total Construction Cost	Common Facility Portion			Specifically Identified RD 2035 Elements	Specifically Identified WDCWA Elements
	Total Price	Total Price	RD 2035 Portion	WDCWA Portion	Total Price	Total Price
Outlet Area Site Electrical	\$45,339				\$45,339	
Project Sitework	\$987,192	\$824,292	\$677,523	\$146,769	\$138,053	\$24,846
Country Road 117 Modifications	\$290,181	\$290,181	\$290,181	\$0		
Intake Grading, Drainage and Paving	\$217,114	\$217,114	\$151,980	\$65,134		
Outlet final Grading, Drainage and Paving	\$108,457				\$108,457	
Intake Fencing and Gates	\$29,199	\$29,199	\$24,819	\$4,380		
Outlet Fencing and Gated	\$12,187				\$12,187	
Intake Retaining Walls	\$141,453	\$141,453	\$70,727	\$70,727		
Outlet Retaining Walls	\$17,410				\$17,410	
Erosion Control during Construction	\$124,583	\$124,583	\$124,583	\$0		
Project General Landscaping	\$21,763	\$21,763	\$15,234	\$6,529		
Project Well	\$24,846					\$24,846
Demolition of Existing Facilities	\$814,522	\$0	\$0	\$0	\$814,522	\$0
Demo Existing Intake and conduit	\$787,722				\$787,722	
Demo Existing Buildings and Septic system	\$19,546				\$19,546	
Abandon Existing Wells	\$3,627				\$3,627	
Demo Existing Carport	\$3,627				\$3,627	
Cost Adders	\$2,919,000	\$2,119,000	\$1,758,770	\$360,230	\$0	\$800,000
Add for Increase to Seismic Factor 1.50	\$800,000					\$800,000
Cost adders post-30% BODR	\$2,119,000	\$2,119,000	\$1,758,770	\$360,230		
Total Cost w/o WDCWA 5% Local Cost Share Adjustment	\$37,416,000	\$22,470,000	\$18,951,000	\$3,519,000	\$11,883,000	\$3,063,000
5% Local Cost Share Adjustment			-\$948,000	\$948,000	-\$594,000	\$594,000
Total Cost	\$37,416,000	\$22,470,000	\$18,003,000	\$4,467,000	\$11,289,000	\$3,657,000
Total RD 2035 Portion	\$29,292,000					
Total WDCWA Portion (f)	\$8,124,000					

Footnotes:

- (a) Estimating contingency is 20 percent
- (b) Escalation to midpoint of construction is included in the estimate (assumes 32 month construction w/2.7 years to midpoint at 3% escalation)
- (c) Accuracy range is minus 15% to plus 30% of the estimated Contractor's bid
- (d) Prepared by MWH and based on 30% Basis of Design Report + cost adders included at 60% design
- (e) WDCWA portion of common facility costs based on costs directly attributable to WDCWA
- (f) Total WDCWA portion construction cost, lines (d) and (h) in Table 7, project budget

ATTACHMENT 4 Budget

Table 7. Project Budget

Proposal Title: Westside IRWMP

Project Title: Dixon Main Drain / V-Drain Enlargement Project

Category		(a)	(b)	(c)	(d)
		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost
(a)	Direct Project Administration Costs	\$97,105.92	\$41,616.82	\$ -	\$138,722.74
(b)	Land Purchase/Easement	\$147,523.25	\$63,224.25	\$ -	\$210,747.50
(c)	Planning/Design/Engineering/ Environmental Documentation	\$188,263.70	\$80,684.44	\$ -	\$268,948.14
(d)	Construction/Implementation	\$1,296,400.00	\$555,600.00	\$ -	\$1,852,000.00
(e)	Environmental Compliance/ Mitigation/Enhancement	\$87,840.00	\$93,360.00	\$130,000.00	\$311,200.00
(f)	Construction Administration	\$96,530.00	\$41,370.00	\$ -	\$137,900.00
(g)	Other Costs	\$70,725.56	\$30,310.95	\$-	\$101,036.51
(h)	Construction/Implementation Contingency	\$129,640.00	\$55,560.00	\$ -	\$185,200.00
(i)	Grand Total	\$2,114,028.42	\$961,726.47	\$130,000.00	\$3,205,754.89
*List of sources of funding:					
Non-State Funding Sources					
	Dixon Regional Watershed Joint Powers Authority Fund Balance	\$651,410.58			
	Dixon Regional Watershed Joint Powers Authority Amount Paid to Project for Costs from 10/1/2008 to 12/31/2012	\$376,982.39			
	Solano County Water Agency Grant	\$500,000.00			
	Subtotal Non-State Fund Sources	\$1,528,392.97			
Other-State Funding Sources					
	DWR Special Projects Grant for Delta Levee Maintenance	\$130,000.00			

Budget

Table 8. Summary Budget

Proposal Title: Westside IRWMP

Individual Project Title		Requested Grant Amount	Cost Share: Non-State Fund Source*	Cost Share: Other State Fund Source*	Total Cost	% Funding Match (col. b/ col. d)
			(Funding Match)			
(a)	Dixon Main Drain / V-Drain Enlargement Project	\$2,114,028.42	\$961,726.47	\$130,000.00	\$3,205,754.89	30%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$2,114,028.42	\$961,726.47	\$130,000.00	\$3,205,754.89	30%

List of Appendices:

Appendix A: Appraisals

Table 4.A. Detailed Project Budget Documentation

(a) Direct Project Administration					
Task 1. Administration					
Costs Incurred 10/1/2008 to 12/31/2012	(see backup attached, line 13)				\$ 38,402.74
Estimated Cost 1/1/2013 to project completion					\$ 70,000.00
Task 2. Labor Compliance Program					
Estimated Cost 5/1/2014 to 11/30/2014		Rate	months	hrs/mo	total
	Construction Manager III	\$170	5	16	\$ 13,600.00
Task 3. Reporting					
Estimated Cost 8/15/2013 to 1/30/2015		Rate	months	hrs/mo	total
	Principal Engineer	\$190	5.5	16	\$ 16,720.00
Total (a) Direct Project Administration					\$ 138,722.74
(b) Land Purchase/Easements					
Appraisal and Right of Way Acquisition Agents Costs incurred 10/1/2008 to 12/31/2012	(see backup attached, line 14)				\$ 44,172.50
Cost of Easement per 7/2010 appraisal	(see appraisal attached)				\$ 166,575.00
Total (b) Land Purchase/Easements					\$ 210,747.50
(c) Planning/Design Engineering/Environmental Documentation					
Task 4. Assessment and Evaluation					
Costs Incurred for Assessment and Evaluation were incurred prior to 10/2008	(amount is \$0, all studies done prior to 10/2008)				\$ -
Task 5. Final Design					
Design Costs to 95% complete Incurred 10/1/2008 to 12/31/2012	(see backup attached, lines 3 and 5)				\$ 122,369.54
Estimated Cost to Complete 100% (Final) Contract Documents		Rate	hrs	total	
	Engineering Manager	\$210	20	\$4,200	
	Principal Engineer	\$190	90	\$17,100	
	Associate Engineer	\$155	40	\$6,200	
	Sr Designer/CAD Operator	\$110	20	\$2,200	
	Administrative IV	\$100	20	\$2,000	
(see attached rate sheet)				\$31,700	\$ 31,700.00
Task 6. Environmental Documentation					
EIR Costs Incurred 10/1/2008 to 12/31/2012	(see backup attached, line 10)				\$ 24,085.47
Task 7. Permitting					
Obtain Permits, Costs Incurred 10/1/2008 to 12/31/2012	(see backup attached, line 11)				\$ 56,733.13
Estimate Cost Permit Extensions and Modifications		Rate	hrs	total	
	Engineering Manager	\$210	8	\$1,680	
	Principal Engineer	\$190	60	\$11,400	
	staff biologist	\$100	60	\$6,000	
				\$19,080	\$ 19,080.00
Estimated Cost for NOI, Construction General Permit	(63 acres at \$43 per acre)				\$ 2,700.00
Task 8. Construction Contracting					
Estimated cost for bidding through notice to proceed		Rate	hrs	total	
	Engineering Manager	\$210	16	\$3,360	
	Principal Engineer	\$190	24	\$4,560	
	Construction Manager III	\$170	8	\$1,360	
	Plan Production and Distribution Cost			\$3,000	
(see attached rate sheet)				\$12,280	\$ 12,280.00
Total (c) Planning/Design Engineering/Environmental Documentation					\$ 268,948

(d) Construction / Implementation**Task 9. Construction**

Construction Cost Estimate, Based on 95% Complete Plans

Item	Unit	Quantity	Unit Cost, dollars	Cost, dollars
Mobilization and Demobilization (not to exceed 6% of bid)	LS	1	105,000	105,000
Sheeting, Shoring and Bracing	LS	1	21,000	21,000
Storm Water Pollution Prevention Program Covering Construction General Permit Order 2009-0009-DWQ including silt curtains	LS	1	21,000	21,000
Temporary Facilities	LS	1	5,000	5,000
Dewatering/Desilting/Ground and Surface Water Disposal	LS	1	20,000	20,000
Site Preparation	LS	1	5,000	5,000
Demolition and Salvage	LS	1	5,000	5,000
Dixon Main Drain Channel Excavation	CY	31,000	4.10	127,100
Precast Bridge, Foundation, Headwalls and Wingwalls	LS	1	68,000	68,000
Dixon Main Drain Weir at Precast Bridge	LS	1	30,000	30,000
Relocate Utility Pole and Lines	Each	1	10,000	10,000
Irrigation Intake Structure	Each	1	7,000	7,000
12-inch HDPE Pipe	LF	320	50	16,000
15-inch HDPE Pipe	LF	100	61	6,100
18-inch HDPE Pipe	LF	373	74	27,602
24-inch HDPE Pipe	LF	489	98	47,922
Slide Gates	Each	9	5,100	45,900
Replace Existing Railroad Car Bridge and Abutments	LS	1	124,000	124,000
Rock Rip Rap	Ton	160	72	11,520
V-Drain Channel Excavation	CY	180,000	5.10	918,000
V-Drain Weir Abutment	LS	1	48,000	48,000
Highline Irrigation Channel	CY	21,000	6.10	128,100
8-inch Irrigation Main	LF	200	81	16,200
Trash Rack Modifications	LS	1	36,000	36,000
Chain Link Fence Beyond Trash Rack	LF	76	31	2,356
Subtotal				1,852,000

Total (d) Construction / Implementation**\$ 1,852,000****(e) Environmental Compliance/Mitigation/Enhancement****Task 10 Environmental Compliance/Mitigation/Enhancement**

Construction Cost Estimate for Mitigation and Enhancement, Based on 95% Complete Plans

Item	Unit	Quantity	Unit Cost, dollars	Cost, dollars
Mobilization and Demobilization (not to exceed 6% of bid)	LS	1	15,000	15,000
Upland Seeding	Acre	53.0	2,000	106,000
Barbed Wire Fence	LF	8,600	16	137,600
Gates	Each	13.0	1,000	13,000
Subtotal				272,000
Contingency	10%			27,200
Total				299,200

Estimate for Postconstruction report, annual monitoring report for 5 years

	Rate	hrs	total
staff biologist	\$100	120	\$12,000

Total (e) Environmental Compliance/Mitigation/Enhancement**\$ 311,200****(f) Construction Administration****(f) Task 10 Construction Administration**

Estimated Cost Construction Administration

	Rate	hrs	total
Engineering Manager	\$210	30	\$6,300
Principal Engineer	\$190	40	\$7,600
Construction Manager III	\$170	200	\$34,000
Resident Inspector III	\$170	50	\$85,000
staff biologist	\$100	50	\$5,000
			\$137,900

Total (f) Construction Administration**\$ 137,900****(g) Other Costs**

Legal Services				\$ 44,018.26
Permit Fees, Costs Incurred 10/1/2008 to 12/31/2012	(see backup attached line 1)			\$ 46,818.25
Preconstruction Wildlife Surveys, Costs Incurred 10/1/2008 to 12/31/2012	(see backup attached line 12)			\$ 7,800.00
Preconstruction Wildlife Surveys	Rate	hrs	total	
staff biologist	\$100	24	\$2,400	\$ 2,400.00

Total (g) Other Costs**\$ 101,037**

(h) Construction Contingency

Construction contingency is estimated to be 10%, customary for plans complete to the 95% level

Construction Cost	1,852,000
Contingency Percent	10%
Total	\$185,200

\$ 185,200

Grand Total \$ 3,205,754.89

Table 4.B.

Dixon Main Drain / V-drain Cumulative Project Cost Backup

Line	Acct. Code	Description	Totals To Date	2004/2005 Actual	2005 2006 Actual	2006 2007 Actual	2007 2008 Actual	7/1/08 - 9/30/08 Actual	10/1/08 - 6/30/09 Actual	2009/2010 Actual	2010/2011 Actual	2011/2012 Actual	2012/2013 YTD	Since 10/1/2008
		Beginning Fund Balance (reconciled)		\$0.00	\$272,653.84	\$1,120,471.12	\$1,097,515.99	\$988,033.23	\$971,650.66	\$875,945.85	\$750,495.82	\$676,357.70	\$651,410.58	
		Revenues												
	9511	Other Governmental	\$1,100,000.00	\$270,000.00	\$830,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	9401	Interest	\$176,845.95	\$2,653.84	\$34,406.03	\$51,284.25	\$46,946.78	\$5,582.94	\$15,259.28	\$10,138.81	\$5,754.23	\$3,932.07	\$887.72	\$35,972.11
		Total Revenues	\$1,276,845.95	\$272,653.84	\$864,406.03	\$51,284.25	\$46,946.78	\$5,582.94	\$15,259.28	\$10,138.81	\$5,754.23	\$3,932.07	\$887.72	
		Expenses												
1	2176	Fees and Permits	\$46,818.25						\$7,458.25	\$39,360.00				\$46,818.25
2	2177	Documents Records	\$19,000.00				\$6,000.00	\$13,000.00		\$0.00				\$0.00
3	2238	Engineering Service WYA.	\$238,036.12		\$11,402.17	\$36,782.65	\$67,600.31	\$639.45	\$28,153.13	\$49,414.32	\$22,396.28	\$7,278.17	\$14,369.64	\$121,611.54
4	2238	Engineering Service WYA Construction Service	\$0.00											\$0.00
5	2238	Engineering Service: Kleinfelder Design	\$18,330.70				\$17,335.10	\$237.60	\$258.00	\$500.00				\$758.00
6	2239	Legal Services	\$49,958.74			\$1,974.44	\$3,751.28	\$214.76	\$8,702.24	\$10,097.65	\$8,751.20	\$9,178.89	\$7,288.28	\$44,018.26
7	2245	Contracted Service (Potholing)	\$0.00											\$0.00
8	2245	Contracted Service J&S Conceptual Design	\$5,186.58		\$5,186.58									\$0.00
9	2245	Contracted Service J&S Environmental Review	\$0.00											\$0.00
10	2245	Contracted Service Raney Planning EIR	\$81,860.88			\$30,084.49	\$32,601.78	\$2,889.14	\$16,285.47					\$16,285.47
11	2245	Contracted Service Monk & Assoc. Permitting	\$90,163.56			\$4,683.80	\$23,762.07	\$4,984.56	\$30,572.50	\$15,660.88	\$9,800.62	\$699.13		\$56,733.13
12	2245	Contracted Service: BSK Associates (Owl Surveys)	\$7,800.00								\$6,500.00	\$1,300.00		\$7,800.00
13	2250	Other Professional Services (DRCD Administration)	\$44,420.74			\$714.00	\$5,304.00		\$10,152.00	\$9,764.74	\$11,178.00	\$7,308.00		\$38,402.74
14	2250	Other Professional Services (Appraisals & Right of Way Services)	\$44,172.50						\$9,000.00	\$10,791.25	\$21,266.25	\$3,115.00		\$44,172.50
15	2280	Publication and Legal Notices	\$382.50						\$382.50					\$382.50
16	2295	Rents and Leases- Buildings	\$75.00				\$75.00							\$0.00
17	3310	Easements	\$0.00											\$0.00
		Total Expense	\$646,205.57	\$0.00	\$16,588.75	\$74,239.38	\$156,429.54	\$21,965.51	\$110,964.09	\$135,588.84	\$79,892.35	\$28,879.19	\$21,657.92	\$376,982.39
		Net Position	\$630,640.38	\$272,653.84	\$847,817.28	-\$22,955.13	-\$73,541.93	-\$16,382.57	-\$95,704.81	-\$107,803.20	-\$74,138.12	-\$25,737.82	-\$25,737.82	
		Ending Fund Balance	\$630,640.38	\$272,653.84	\$1,120,471.12	\$1,097,515.99	\$988,033.23	\$971,650.66	\$875,945.85	\$750,495.82	\$676,357.70	\$651,410.58	\$630,640.38	



Table 4.C.

WEST YOST ASSOCIATES, INC.
2013 Billing Rate Schedule

(Effective January 1, 2013 through December 31, 2013)*

Position	Labor Charges (dollars per hr)
Principal/Vice President	220
Engineering Manager	210
Principal Engineer/Scientist	190
Senior Engineer/Scientist/GIS Analyst	170
Associate Engineer/Scientist	155
GIS Analyst	150
Engineer II/Scientist II	135
Engineer I/Scientist I	115
Construction Manager III	170
Construction Manager II	155
Construction Manager I	145
Resident Inspector III	128
Resident Inspector II	118
Resident Inspector I	105
Sr. Designer/Sr. CAD Operator	110
Designer/CAD Operator	98
Technical Specialist II	95
Technical Specialist I	80
Engineering Aide	65
Administrative IV	100
Administrative III	90
Administrative II	75
Administrative I	60

Outside Services such as vendor reproductions, prints, shipping, and major West Yost reproduction efforts, as well as Engineering Supplies, Travel, etc. will be billed at actual cost plus 15%.

Direct Costs including general computers, system charges, telephone, fax, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses will be billed at 5% of West Yost labor charges.

Mileage will be billed at the current Federal Rate.

Subconsultants will be billed at actual cost plus 10%.

Computers are billed at \$25 per hour for specialty models and AutoCAD.

Expert witness, research, technical review, analysis, preparation and meetings billed at 150% of standard hourly rates. Expert witness testimony and depositions billed at 200% of standard hourly rates.

A Finance Charge of 1.5% per month (an Annual Rate of 18%) on the unpaid balance will be added to invoice amounts if not paid within 45 days from the date of the invoice.

*This schedule will be updated annually

WEST YOST ASSOCIATES, INC.
2013 Billing Rate Schedule
(Cont'd.)

(Effective January 1, 2013 through December 31, 2013)*

SURVEYING AND EQUIPMENT CHARGES

Position	Labor Charges (dollars per hr)
GPS, 3-Person	335
GPS, 2-Person	290
GPS, 1-Person	225
Survey Crew, 2-Person	245
Survey Crew, 1-Person	185

EQUIPMENT CHARGES

Equipment	Billing Rate (dollars per day)	Billing Rate (dollars per week)
DO Meter	16	81
pH Meter	5	26
Automatic Sampler	128	698
Transducer/Data Logger	40	202
Hydrant Pressure Gage	11	49
Hydrant Pressure Recorder (HPR)	—	202
Hydrant Wrench	5	32
Pitot Diffuser	29	132
Well Sounder	29	132
Ultrasonic Flow Meter	—	264
Vehicle	87	437
Velocity Meter	11	64
Water Quality Multimeter	173	946
Thickness Gage	—	70

*This schedule will be updated annually

Table 7 – Project Budget

Proposal Title: Westside IRWM

Project Title: Lower Putah Creek Restoration: Monticello Dam to Dry Creek

Project serves a need of a DAC?: No

Funding Match Waiver request?: No

Category		(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source* (Funding Match)	(c) Cost Share: Other State Fund Source*	(d) Total Cost
(a)	Direct Project Administration	\$ 55,200	\$ -	\$ -	\$ 55,200
(b)	Land Purchase/Easement	0	\$ -	\$ -	-
(c)	Planning/Design/Engineering/ Environmental Documentation	\$ 40,000	\$ -	\$ -	\$ 40,000
(d)	Construction/Implementation	\$ 755,712	\$ 367,700	\$ -	\$ 1,123,412
(e)	Environmental Compliance/ Mitigation/Enhancement	\$ 50,000	\$ -	\$ -	\$ 50,000
(f)	Construction Administration	\$ 80,000	\$ -	\$ -	\$ 80,000
(g)	Other Costs	\$ 50,000	\$ -	\$ -	\$ 50,000
(h)	Construction/Implementation Contingency	\$ 44,088	\$ -	\$ -	\$ 44,088
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$ 1,075,000	\$ 367,700	\$ -	\$ 1,442,700

***List sources of funding:** Federal Funds: North American Wetland Conservation Act (NAWCA) California Delta & Yolo Basin Habitat Project, Phase 1
(Contract Number F12AP00222; CWA Billing Code 1501-033)

Proposal: Westside IRWM

Project: Lower Putah Creek Restoration: Monticello Dam to Dry Creek

Table 7a Budget Detail

Category		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost
(a)	Direct Project Administration				
	Streamkeeper				
	700 hours @ \$75	\$ 52,500			\$ 52,500
	Labor Compliance	\$ 2,700			\$ 2,700
(c)	Planning/Design/Engineering/Environmental Documentation				
	Geomorphologist				
	400 hours @ \$100	\$ 40,000			\$ 40,000
(d)	Construction/Implementation				
	Invasive weed control/removal				
	20 net acres @ \$10000	\$ 200,000			\$ 200,000
	Clearing and grubbing				
	15 acres @ \$4,000	\$ 60,000	\$ 1,500		\$ 61,500
	Chipping and grinding				
	15 acres @ \$2000	\$ 30,000			\$ 30,000
	Grading (Giovannoni pool)				
	26,136 yards @ \$4/yard	\$ 104,544			\$ 104,544
	Grading Transects 59-87				
	40,292 yards @ \$4/yard	\$ 161,168			\$ 161,168
	Side Channel Enhancement				
	2500 linear feet @ \$20	\$ 50,000			\$ 50,000
	Revegetation				
	30 acres @ \$5000	\$ 150,000			\$ 150,000
	Revegetation NAWCA				
	54 acres @ \$1485		\$ 80,200		\$ 80,200
	Grading and sloping NAWCA				
	127,000 yards @ \$2.25		\$ 286,000		\$ 286,000
(e)	Environmental Compliance/Mitigation/Enhancement				
	BSK Engineering	\$ 50,000			\$ 50,000
(f)	Construction Administration				
	Geomorphologist				
	800 hours @ \$100	\$ 80,000			\$ 80,000
(g)	Other Costs				
	Community Volunteer Coordination				
	Putah Creek Council				
	20 events @ \$2500	\$ 50,000			\$ 50,000
(h)	Construction contingency	\$ 44,088			\$ 44,088
		#####	\$ 367,700		\$ 1,442,700

Proposal: Westside IRWM

Project: Lower Putah Creek Restoration: Monticello Dam to Dry Creek

Table 7b NAWCA Matching Funds

Item & Work	Units	\$/unit	Total \$	Schedule (month, year)	Funding Source (Grant or Partner name)
CONTRACTS					
Drip Irrigation	lump sum		\$10,000	2012-2013	NAWCA
Cottonwood Pole Cutting Installation	450 ea	\$15 /ea	\$6,750	2012-2013	NAWCA
Native Grass Planting	7 days	\$750 /day	\$5,250	2012-2013	NAWCA
Creek Bank Sloping	lump sum		\$32,000	2012-2013	NAWCA
Grading	127,000 cyds	\$2 /cyd	\$254,000	2012-2013	NAWCA/PVT
Field Preparation	2 days	\$750 /day	\$1,500	2012-2013	NAWCA
Subtotal Contracts					\$309,500
MATERIALS and EQUIPMENT					
Native Grass Seed	510 lbs	\$40.00 /lb	\$20,400	2012-2013	NAWCA
Native Grass Plugs	18,250 ea	\$1.00 /ea	\$18,250	2012-2013	NAWCA
Fertilizer	2,000 lbs	\$0.60 /lb	\$1,200	2012-2013	NAWCA
Container Plants	3,670 ea	\$5.00 /ea	\$18,350	2012-2013	NAWCA
Subtotal Materials and Equipment					\$58,200
TOTAL ENHANCEMENT DIRECT COSTS					\$367,700

Proposal: Westside IRWM
 Project: Lower Putah Creek Restoration: Monticello Dam to Dry Creek

Table 7c NAWCA Match By Site

Lower Putah Creek 2 Sub-tract Cost Estimate

Pickerel 4 acres			
Contracts	Units	Cost	TOTAL
Drip Irrigation		lump sum	\$10,000.00
Cottonwood Pole Cuttings	100 ea	\$15.00 /ea	\$1,500.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$12,250.00
Materials			
Native Grass Seed	60 lbs	\$40.00 /lb	\$2,400.00
Native Plant Plugs	1,000 ea	\$1.00 /ea	\$1,000.00
Hedgerow Container Plan	600 ft	\$15.00 /ft	\$9,000.00
Materials Subtotal			\$12,400.00
Morales Subtotal			\$24,650.00

Harris 4 acres			
Contracts	Units	Cost	TOTAL
Bank Sloping and Grading		lump sum	\$20,000.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$20,750.00
Materials			
Native Grass Seed	60 lbs	\$40.00 /lb	\$2,400.00
Native Plant Plugs	1,000 ea	\$1.00 /ea	\$1,000.00
Hedgerow Container Plan	400 ft	\$15.00 /ft	\$6,000.00
Materials Subtotal			\$9,400.00
Morales Subtotal			\$30,150.00

Cody 3 acres			
Contracts	Units	Cost	TOTAL
Bank Sloping and Grading		lump sum	\$12,000.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$12,750.00
Materials			
Native Grass Seed	45 lbs	\$40.00 /lb	\$1,800.00
Native Plant Plugs	750 ea	\$1.00 /ea	\$750.00
Materials Subtotal			\$2,550.00
Morales Subtotal			\$15,300.00

Wimmer 23 acres			
Contracts	Units	Cost	TOTAL
Field Prep	1 day	\$750.00 /day	\$750.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$1,500.00
Materials			
Native Grass Seed	60 lbs	\$40.00 /lb	\$2,400.00
Potted Tree Stock	500 ea	\$5.00 /ea	\$2,500.00
Native Plant Plugs	5,750 ea	\$1.00 /ea	\$5,750.00
Materials Subtotal			\$10,650.00
Morales Subtotal			\$12,150.00

Mertz 2 acres			
Contracts	Units	Cost	TOTAL
Field Prep	1 day	\$750.00 /day	\$750.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$1,500.00
Materials			
Native Grass Seed	30 lbs	\$40.00 /lb	\$1,200.00
Native Plant Plugs	5,750 ea	\$1.00 /ea	\$5,750.00
Materials Subtotal			\$6,950.00
Morales Subtotal			\$8,450.00

Morales 11 acres			
Contracts	Units	Cost	TOTAL
Earthwork	80,000 cyds	\$2.00 /cyd	\$160,000.00
Cottonwood Pole Cuttings	200 ea	\$15.00 /ea	\$3,000.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$163,750.00
Materials			
Native Grass Seed	150 lbs	\$40.00 /lb	\$6,000.00
Native Plant Plugs	2,500 ea	\$1.00 /ea	\$2,500.00
Fertilizer	1,000 lbs	\$0.60 /lb	\$600.00
Alders	100 ea	\$5.00 /ea	\$500.00
Materials Subtotal			\$9,600.00
Morales Subtotal			\$173,350.00

Parker 7 acres			
Contracts	Units	Cost	TOTAL
Earthwork	47,000 cyds	\$2.00 /cyd	\$94,000.00
Cottonwood Pole Cuttings	150 ea	\$15.00 /ea	\$2,250.00
Native Grass Planting	1 day	\$750.00 /day	\$750.00
Contracts Subtotal			\$97,000.00
Materials			
Native Grass Seed	105 lbs	\$40.00 /lb	\$4,200.00
Native Plant Plugs	1,500 ea	\$1.00 /ea	\$1,500.00
Fertilizer	1,000 lbs	\$0.60 /lb	\$600.00
Alders	70 ea	\$5.00 /ea	\$350.00
Materials Subtotal			\$6,650.00
Morales Subtotal			\$103,650.00

Contracts Subtotal			\$309,500.00
Materials Subtotal			\$58,200.00
TOTAL			\$367,700.00
NAWCA Available			\$357,850.00
Additional Match Required			\$9,850.00

**ATTACHMENT 4
BUDGET
PROPERTY ACQUISITION, MIDDLE CREEK FLOOD DAMAGE REDUCTION
AND ECOSYSTEM RESTORATION PROJECT**

TABLE 7 - BUDGET				
PROPERTY ACQUISITION, MIDDLE CREEK FLOOD DAMAGE REDUCTION AND ECOSYSTEM RESTORATION PROJECT				
Project serves the need of a DAC? Yes				
Funding Match Waiver Request? Yes				
	(a)	(b)	(c)	(d)
Category	Requested Grant Amount	Cost Share: Non-State Fund Source	Cost Share: Other State Fund Source	Total Cost
(a) Direct Project Administration	\$ 0	\$ 5,184	0	\$ 5,184
(b) Land Purchase/Easement	952,000	47,040	0	999,040
(c) Planning/Design/Engineering/Environmental Documentation	8,000	1,944	0	9,944
(d) Construction/Implementation	40,000	0	0	40,000
(e) Environmental/Compliance/Mitigation/Enhancement	0	0	0	0
(f) Construction Administration	0	9,720	0	9,720
(g) Other Costs	0	0	0	0
(h) Construction/Implementation Contingency	0	0	0	0
(i) Grand Total	\$1,000,000	\$63,888	0	\$1,063,888
All non-State funding shall be paid by Lake County Watershed Protection District and shall include all District staff time expended on the Project.				

Row (a) Direct Project Administration Costs

Administrative costs are for Lake County Watershed Protection District (District) staff to prepare progress reports, invoices, etc. Estimates are based on prior experience. Basis: Water Resources Engineer (WRE) at \$108/hr for 46 hours

Row (b) Land Purchase/Easement

This item includes property acquisition costs, including cost of property, appraisals, preliminary title reports, title fees etc. Match will be provided with time spent by District staff coordinating property acquisition and easement dedication Property will be acquired in Fee Title. A conservation easement will be placed on the property to preserve the property in perpetuity and ensure the property is available for the implementation of the Middle Creek flood Damage Reduction and Ecosystem Restoration Project. Estimates are based on prior experience.

Description	Estimated Cost
Appraisals	\$ 20,000
Preliminary Title Reports, title fees, etc	22,000
Property Cost	910,000
Administrative Cost (WRE @ \$108 x 210 hrs, Property Agent @ \$87/hr x 280 hrs)	47,040
Total	\$999,040

Row (c) Planning/Design/Engineering/Environmental Documentation

An Environmental Impact Report has been completed. A site specific Phase I Environmental Site Assessment (ESA) must be prepared for the properties to be acquired. Estimate is based on prior experience. A consultant will be hired to prepare the ESA at an estimated cost of \$8,000. Administrative costs are: WRE at \$1,944 for 18 hours.

Row (d) Construction/Implementation

Some properties may require clean up, such as well abandonment or removal of an old orchard or vineyard. We have allocated \$40,000 for property cleanup. Depending on the scope of work, cleanup may be accomplished by District forces or by hiring a licensed contractor.

Row (f) Construction Administration

Staff time has been allocated to administer any needed property cleanup. It was assumed that a licensed contractor must be hired to destroy wells (licensed well driller is required by law), therefore, specifications and a bidding process will be required. Estimates are based on prior experience. Administrative costs are: WRE at \$9,720 for 90 hours.

Attachment 4. Budget

Project: Regional Collaborative Water Use Efficiency Program

Table 7 – Project Budget					
Proposal Title: <u>Westside IRWMP</u>					
Project Title: <u>Regional Collaborative Water Use Efficiency Program</u>					
		(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	\$ 20,250.00	\$ 6,750.00	\$ -	\$ 27,000.00
(b)	Land Purchase/Easement				
(c)	Planning/Design/Engineering/Environmental Documentation				
(d)	Construction/Implementation	\$ 165,300.00	\$ 58,100.00	\$ -	\$ 223,400.00
(e)	Environmental Compliance/Mitigation/Enhancement				
(f)	Construction Administration				
(g)	Other Costs				
(h)	Construction/Implementation Contingency				
(i)	Grand Total	\$ 185,550.00	\$ 64,850.00	\$ -	\$ 250,400.00
*List of sources of funding:					
Non-State Funding Sources					
	Solano County Water Agency	\$ 29,110.00			
	Napa County FC & WCD	\$ 17,870.00			
	City of Davis	\$ 17,870.00			
	Subtotal Non-State Fund Sources	\$ 64,850.00			
Other-State Funding Sources					

Attachment 4. Budget

Project: Regional Collaborative Water Use Efficiency Program

Table 7a– Project Detail Budget						
Project: Regional Collaborative Water use Efficiency Program						
Individual Project Title		Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Other State Fund Source*	Total Cost	% Funding Match (col. b/col. d)
(a)	High-efficiency Toilet Rebate Project	\$ 56,250.00	\$ 18,750.00	\$ -	\$ 75,000.00	25%
(b)	High-efficiency Toilet Direct Installation Project	\$ 45,000.00	\$ 18,000.00	\$ -	\$ 63,000.00	29%
(c)	Rain Barrel Rebate	\$ 3,750.00	\$ 1,250.00	\$ -	\$ 5,000.00	25%
(d)	Large landscape irrigation efficiency survey & retrofit upgrade	\$ 11,250.00	\$ 3,750.00	\$ -	\$ 15,000.00	25%
(d)	Various other rebates - turf replacement, high-efficiency washer, rain gardens.	\$ 30,000.00	\$ 10,000.00	\$ -	\$ 40,000.00	25%
(e)	Agricultural conservation - mobile field lab	\$ 11,550.00	\$ 3,850.00	\$ -	\$ 15,400.00	25%
(f)	Conservation Education	\$ 7,500.00	\$ 2,500.00	\$ -	\$ 10,000.00	25%
(i)	Grant Administration/Reporting	\$ 20,250.00	\$ 6,750.00	\$ -	\$ 27,000.00	25%
(j)	Grand Total (Sum rows (a) through (h) for each column)	\$ 185,550.00	\$ 64,850.00	\$ -	\$ 250,400.00	26%

Attachment 4. Budget

Project: Regional Collaborative Water Use Efficiency Program

Table 4a. Detailed Project Budget Documentation											
(a) Direct Project Administration											
Reporting											
Estimated Cost 1/1/2014 to 3/31/2016						Rate	months	hrs/mo	agency share	grant share	Total
Project Manager						\$60	30	15	\$6,750	\$20,250	\$ 27,000.00
Total (a) Direct Project Administration										\$ 27,000.00	
(b) Land Purchase/Easements											
(c) Planning/Design Engineering/Environmental Documentation											
(d) Construction / Implementation											
Construction / Implementation											
						unit/cost	# of units	agency share	grant share	Total	
1)	HET rebate program. 600 rebates estimated. Agency Unit cost is 25% of Rebate cost + 100% of Administration cost Rebates @ \$100 each. Agency share = \$25 rebate/rebate. Grant share = \$75/rebate					\$100	750	\$18,750	\$56,250	\$75,000	
2)	HET Direct Installation Program. 200 HETs estimated Agency Unit cost is \$75 + 100% of Administration cost. Grant Share is \$225/HET 200 HETs installed @ \$300/HET					\$300	200	\$18,000	\$45,000	\$63,000	
3)	Rain Barrel Rebate. 50 rebates estimated										

Attachment 4. Budget

Project: Regional Collaborative Water Use Efficiency Program

	Rebates @ \$100 each. Agency share = \$25 rebate/rebate. Grant share = \$75/rebate	\$100	50	\$1,250	\$3,750	\$5,000
4)	Large landscape irrigation efficiency survey & retrofit upgrade Five sites @ \$3,000 each			\$3,750	\$11,250	\$15,000
5)	"Other" rebates (rain gardens, turf replacement, high-efficiency washers). 500 rebates estimated. Rebates @ \$100 each. Agency share = \$25 rebate/rebate. Grant share = \$75/rebate	\$100	400	\$10,000	\$30,000	\$40,000
6)	Agricultural conservation - mobile field lab. Seven assessments @ \$2,200 each	\$2,200	7	\$3,850	\$11,550	\$15,400
7)	Conservation Education Landowner workshop, mailers, outreach, teacher & student workshops			\$2,500	\$7,500	\$10,000
Total Construction / Implementation				\$58,100	\$165,300	\$223,400
(e) Environmental Compliance/Mitigation/Enhancement						
(f) Construction Administration						
(g) Other Costs						

ATTACHMENT 4

TABLE 7 - PROJECT BUDGET

Proposal Title: <u>Westside IRWMP</u> Project Title: <u>Wastewater Storage Ponds and Disposal Improvements</u>					
Project serves a need of a DAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Funding Match Waiver request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	(a)	(b)	(c)	(d)	(e)
Category	Requested Grant Amount	Cost Share: Non-State Fund Source* (Funding Match)	Cost Share: Non-State Fund Source*	Cost Share: Other State Fund Source*	Total Cost
(a) Direct project Administration	\$0.00	\$217,500.00	\$0.00	\$0.00	\$217,500.00
(b) Land Purchase/Easement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(c) Planning/Design/Engineering/Environmental Documentation	\$0.00	\$500,000.00	\$370,000.00	\$0.00	\$870,000.00
(d) Construction	\$1,000,000.00	\$0.00	\$3,350,000.00	\$0.00	\$4,350,000.00
(e) Environmental Compliance/ Mitigation/Enhancement	\$0.00	\$0.00	\$217,500.00	\$0.00	\$217,500.00
(f) Construction Administration	\$0.00	\$0.00	\$217,500.00	\$0.00	\$217,500.00
(g) Other Costs	\$0.00	\$0.00	\$217,500.00	\$0.00	\$217,500.00
(h) Construction Contingency	\$0.00	\$0.00	\$435,000.00	\$0.00	\$435,000.00
(I) Grand Total	\$1,000,000.00	\$717,500.00	\$4,807,500.00	\$0.00	\$6,525,000.00

*List sources of funding: County of Napa

(a) Direct Project Administration Cost

The project administrative costs are estimated to be 5% of the total cost of construction. A percentage cost of 5% is a typical industry standard for similar types of projects.

(b) Land Purchase/Easement

There are no land purchase/easement costs associated with this project. The Lake Berryessa Resort Improvement District currently owns all of the land or has an easement for all the proposed disturbance areas cause by this project.

(c) Planning/Design/Engineering/Environmental Documentation

Column B represents a loan the District received from Napa County to fund the design of the project. The remaining amount is assumed to be needed for additional environmental mitigation requirements.

(d) Construction

Attached to Table 7 is a breakdown of the construction costs associated with this project. Cost Estimate is based on a 60% design stage.

(e) Environmental Compliance Mitigation/Enhancement

The environmental compliance mitigation enhancement is based on 5% of the total cost of construction. It is assumed that 5% is needed for wetland mitigation, oak planting, and stream restoration.

(f) Construction Administration

The construction administration costs are estimated to be 5% of the total cost of construction. It is assumed that 5% is needed for bid assistance, project reporting, and construction phase services. This percentage assumption is in general conformance with industry standards and reasonable for this type of work.

(g) Other Costs

Other costs associated with the project include construction inspection services and labor compliance which is estimated to be 5% of the total cost of construction.

(h) Construction Contingency

Construction (or Cost Estimating) Contingency is 10% of the total cost of construction. At a 60% design level, a Cost Estimating Contingency of 10% is adequate and a generally acceptable percentage for construction project of this nature.

ATTACHMENT 4

TABLE 7 - PROJECT BUDGET

Proposal Title: <u>Westside Sac River IRWMP</u> Project Title: <u>Water Tank Replacement Project</u>					
Project serves a need of a DAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Funding Match Waiver request? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Category	(a) Requested Grant Amount	(b) Cost Share: Non-State Fund Source* (Funding Match)	(c) Cost Share: Non-State Fund Source*	(d) Cost Share: Other State Fund Source*	(e) Total Cost
(a) Direct project Administration	\$0.00	\$55,000.00	\$0.00	\$0.00	\$55,000.00
(b) Land Purchase/Easement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(c) Planning/Design/Engineering/Environmental Documentation	\$0.00	\$107,046.00	\$0.00	\$0.00	\$107,046.00
(d) Construction	\$1,000,000.00	\$0.00	\$100,000.00	\$0.00	\$1,100,000.00
(e) Environmental Compliance/ Mitigation/Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
(f) Construction Administration	\$0.00	\$0.00	\$55,000.00	\$0.00	\$55,000.00
(g) Other Costs	\$0.00	\$0.00	\$55,000.00	\$0.00	\$55,000.00
(h) Construction Contingency	\$0.00	\$0.00	\$110,000.00	\$0.00	\$110,000.00
(i) Grand Total	\$1,000,000.00	\$162,046.00	\$320,000.00	\$0.00	\$1,482,046.00

*List sources of funding: Lake Berryessa Resort Improvement District

(a) Direct Project Administration Cost

The project administrative costs are estimated to be 5% of the total cost of construction. A percentage cost of 5% is a typical industry standard for similar types of projects.

(b) Land Purchase/Easement

There are no land purchase/easement costs associated with this project. The Lake Berryessa Resort Improvement District currently owns all of the land or has an easement for all the proposed disturbance areas caused by this project.

(c) Planning/Design/Engineering/Environmental Documentation

Contract executed with Winzler and Kelly to provide final plans, specifications and cost estimates for the project

(d) Construction

Cost Estimate is based on a 90% design (additional information can be provided upon request).

(e) Environmental Compliance Mitigation/Enhancement

The proposed project is categorically exempt from CEQA.

(f) Construction Administration

The construction administration costs are estimated to be 5% of the total cost of construction. It is assumed that 5% is needed for bid assistance, project reporting, and construction phase services. This percentage assumption is in general conformance with industry standards and reasonable for this type of work.

(g) Other Costs

Other costs associated with the project include construction inspection services and labor compliance which is estimated to be 5% of the total cost of construction.

(h) Construction Contingency

Construction (or Cost Estimating) Contingency is 10% of the total cost of construction. At a 90% design level, a Cost Estimating Contingency of 10% is adequate and a generally acceptable percentage for a construction project of this nature.