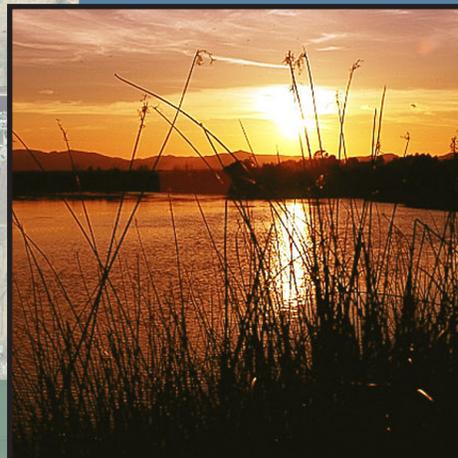


Attachment 10

Cost and Benefits Summary



**East Contra Costa County
Proposition 84 Round 1 Implementation Grant Proposal**

**ATTACHMENT 10 –
COST AND BENEFIT SUMMARY**

<u>Proposal</u>	<u>Page</u>
Cost and Benefit Summary Table	10-2

Cost and Benefit Summary

As shown in Table 20, the Proposal provides significant water supply and other benefits. The total Proposal cost, expressed in present value terms, is approximately \$28.5 M. The Proposal will yield the following benefits, all expressed in 2009 dollars and present value terms:

- \$16,620,852 in water supply benefits
- \$36,387,847 in flood protection benefits
- \$2,140,525 in other expected benefits

This equates to a present value of \$55,149,224 in proposed benefits, with benefits outweighing costs by a factor of 1.9.

**Table 20 - Proposal Project Costs and Benefits Summary
East Contra Costa Proposition 84 IRWM Implementation Grant Proposal**

Project	Agency	Total Present Value Project Costs (1)	Total Present Value Project Benefits				B/C Ratio (g) / (c)
			Water Supply (2)	Flood Damage Reduction (3)	Other (4)	Total (d) + (e) + (f)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Task 1: East County Water Conservation Program	DWD, Brentwood	\$3,000,527	\$5,991,417	\$0	\$0	\$5,991,417	2.0
Task 2: East County Water Meter Installation Program	DWD, CCWD	\$670,861	\$850,288	\$0	\$0	\$850,288	1.3
Task 3: Brentwood Nonpotable Water Distribution System	Brentwood	\$1,761,480	\$1,275,421	\$0	\$64,861	\$1,340,282	0.8
Task 4: Pittsburg Recycled Water Pipeline Rehabilitation Project	DDSD	\$1,278,750	\$4,732,853	\$0	\$234,955	\$4,967,808	3.9
Task 5: Phase 2 Contra Costa Canal Levee Elimination and Flood Protection Project	CCWD	\$3,489,542	\$1,784,420	\$72,709	\$1,840,709	\$3,697,838	1.1
Task 6: Drainage Area 55 - West Antioch Creek Channel Improvements	Antioch	\$4,922,559	\$0	\$8,409,721	\$0	\$8,409,721	1.7
Task 7: Upper Sand Creek Basin	CCCFC&WCD	\$11,735,279	\$0	\$27,905,417	\$0	\$27,905,417	2.4
Task 8: Watershed Protection and Restoration	ECCC Habitat Conservancy	\$1,606,290	\$1,986,452	\$0	\$0	\$1,986,452	1.2
TOTAL		\$28,465,289	\$16,620,852	\$36,387,847	\$2,140,525	\$55,149,224	1.9

(1) From Exhibit C, Table 11, column (i). Or from Exhibit #, Table 17, column (i). If project is a multi-purpose project, avoid double-counting costs.

(2) From Exhibit C, Table 15, column (d)

(3) From Exhibit E, Table 19, row (e)

(4) From Exhibit D, Table 16, column (j)