



Watersheds Coalition of Ventura County IRWMP
 Proposition 50 Grant Proposal, Step 2
**Attachment 10: Economic Analysis –
 Water Supply and Water Quality Benefits**

	Total Project Cost (2005\$) & % of Proposal		Total Present Value of Costs & % of Total		Total Present Value of Monetized Benefits ¹ & % of benefits	
C-1: Calleguas Regional Salinity Management Project (Brine Line), Hueneme Outfall Rehabilitation	\$17,702,706	27%	\$17,709,425	19%	\$15,459,913	19%
C-3: Camarillo Groundwater Treatment Facility	\$18,810,000	29%	\$36,695,971	40%	\$32,208,153	40%
C-7: VCWWD1 Recycled Water System, Phase II	\$2,002,416	3%	\$2,178,911	2%	\$1,903,955	2%
C-10: Calleguas Creek Watershed Arundo/Tamarisk Programmatic EIR/EA, Permits & Pilot Removal Project	\$1,450,000	2%	\$1,193,495	1%	not applicable	not applicable
C-11: Simi Valley Tapo Canyon Water Treatment Plant	\$4,101,980	6%	\$9,418,652	10%	\$17,906,352	22%
SC-1: El Rio Forebay Groundwater Contaminant Elimination Project, Phase 7	\$3,333,270	5%	\$3,397,375	4%	\$3,508,031	4%
SC-2: Oxnard Forebay Groundwater Contaminant Elimination Project, College Park Phase	\$3,590,876	5%	\$3,314,770	4%	\$4,341,622	5%
SC-3: Fillmore Integrated Water Recycling and Wetlands Project, Phase II-A	\$10,545,140	16%	\$12,052,563	13%	\$492,048	1%
V-1: Ventura River Watershed Protection Project	\$2,068,538	3%	\$1,799,776	2%	not applicable	not applicable
V-2: San Antonio Spreading Grounds Rehabilitation	\$1,423,746	2%	\$3,243,682	4%	\$4,077,567	5%
V-6: Senior Canyon Mutual Water Company Automation Upgrades Project	\$712,300	1%	\$767,645	1%	\$302,787	<1%
Total for Proposal	\$65,740,972	100%	\$91,772,265	100%	\$80,200,427	100%

¹As apportioned to the phase of the project for which funding is requested.

both water supply and benefit, also have a higher proportion of total present value. Conversely, the Brine Line (C-1) which enables the operation of the desalters has a lower present value than the desalters primarily because of the lower energy costs for operations.

Water supply projects such as San Antonio Spreading Grounds Rehabilitation (V-2) and TCWTP (C-11) offer a greater proportion of benefits than both capital and present value costs. Projects such as the El Rio GCEP (SC-1), Oxnard GCEP (SC-2), and Senior Canyon Upgrades (V-6) have almost equal proportion of costs and benefits. Other projects such as the Calleguas Arundo Removal Project (C-10) and

Ventura River Watershed Protection Plan (V-1) do not have monetizable benefits but have qualitative benefits as discussed in the narrative that follows. Overall, total present value of monetizable benefits are about 10% less than total present value of costs. Economic analysis has been conducted using conservative assumptions which may, in actuality, understate the actual benefit.

As will be found in the narrative that follows, the Proposal and the projects within have significant benefit other than that which can be quantified.