

## Proposal Project Costs and Benefits Summaries

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The Proposal for the Greater Los Angeles County Region offers a high level of benefit for the state relative to lifetime costs. Altogether, the projects in this application have a benefit to cost ration of nearly 2.5, showing that the benefits of these projects outweigh the cost. A number of projects are highly valuable from a water supply standpoint. Those water supply projects with a benefit to cost ratio lower than one are important to the region in promoting local water resources. The proposal also contains a number of water quality and flood improvement projects for which it is difficult to quantify benefits, but nevertheless provide benefits to local residents, waterways and beaches which have been identified as priorities in the Region's IRWM Plan.

Below is a summary of the costs and benefits of each project listed within this Proposal from Attachments 7, 8, and 9.

**Table 10.1: Proposal Project Costs and Benefits Summary**

Project	Agency	Total Present Value Project Costs	Total Present Value Project Benefits				Benefit/Cost Ratio
			Water Supply	Flood Damage Reduction	Water Quality & Other	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g) (d) + (e) + (f)	(h) f/(c)
Hahamongna Basin Multi-Use Project	Arroyo Seco Foundation	\$7,340,486	\$50,567,382	\$0	\$689,771	\$51,257,154	6.98
Citywide Smart Irrigation Control System and Recycled Water Improvements	City of Calabasas	\$849,234	\$612,985	\$0	\$1,214,757	\$1,827,741	2.15
Storm Drain Improvements and Installation of Infiltration Chambers on Hawthorne Blvd	City of Hawthorne	\$10,603,033	\$0	\$0	\$0	\$0	0
Penmar Water Quality and Runoff Reuse Project	City of Los Angeles, Bureau of Sanitation	\$27,269,735	\$1,764,283	\$0	\$0	\$1,764,283	0.06
Model Equestrian Center	City of Rolling Hills	\$6,470,364	\$12,574	\$0	\$363,881	\$376,454	0.06

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## Economic Analysis

Project	Agency	Total Present Value Project Costs	Total Present Value Project Benefits				Benefit/ Cost Ratio
			Water Supply	Flood Damage Reduction	Water Quality & Other	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g) (d) + (e) + (f)	(h) f/(c)
16 <sup>th</sup> Street Watershed Runoff Use Project	City of Santa Monica	\$1,890,356	\$68,612	\$0	\$0	\$68,612	0.04
Surface Water Treatment Plant Improvements	Covina Irrigating Company	\$1,918,312	\$68,612	\$0	\$0	\$68,612	0.04
Central LA County Regional Water Recycling Program	Los Angeles Department of Water and Power (LADWP)	\$10,660,636	\$172,150,784	\$0	\$0	\$172,150,784	16.15
Tujunga Spreading Grounds Enhancements	Three Valleys Municipal Water District	\$11,383,796	\$4,231,326	\$0	\$0	\$4,231,326	0.37
San Antonio Spreading Grounds Improvements	Three Valleys MWD	\$4,279,286	\$36,937,911	\$0	\$0	\$36,937,911	8.63
Leo J. Vander Lans Advanced Water Treatment Plant Expansion	Water Replenishment District of Southern California	\$54,232,760	\$45,285,312	\$0	\$0	\$45,285,312	0.84
Whittier Narrows Conservation Pool Project	Water Replenishment District of Southern California	\$4,406,336	\$7,781,351	\$0	\$0	\$7,781,351	1.8
Water and Energy Efficiency in the School and Hotel/Motel Sectors	West Basin Municipal Water District	\$475,660	\$1,028,177	\$0	\$1,713,048	\$2,741,224	5.76
<b>TOTAL</b>		<b>\$164,829,606</b>	<b>\$399,212,426</b>	<b>\$0</b>	<b>\$3,981,457</b>	<b>\$403,193,881</b>	<b>2.45</b>