

SAN RAFAEL PROPOSED CONCEPTUAL SITE LAYOUT	PRELIMINARY SCW SCORING		CAL
	SECTION	Score	
Energie de Charles de la constance	 A.1 Wet Weather Water Quality Benefits A.1.1 Water Quality Cost Effectiveness > 1. AF/\$Million A.1.2 Pollutant Reduction >80% 	ther Water Quality Benefits r Quality Cost Effectiveness > 1.0 n tant Reduction >80%	
The Only market in the Carlo market in the Car	 B. Significant Water Supply Benefits B1. Water Supply Cost Effectiveness B2. Water Supply Benefit Magnitude 	5	
How we have a set of the set of t	 C. Community Investment Benefits Improved flood management Creation/enhancement/restoration of park Improved public access to waterways Enhanced/new recreational opportunities Reducing local heat island effect Increasing number of trees and/or vegetat 	ks 10 ion	
	D. Nature-Based Solutions	10	
Les une maines	 E. Leveraging Funds and Community Suppor Strong local, community-based support 	t 10	5
Natural Stream	TOTAL SC	CORE 75	
CROSS SECTION	PROJECT CHARACTERISTICS		
	Primary Pollutant Zinc Reduction Achieved (% Zn reduction) for both projects	873 lb/γr (67.7%)	
	Secondary Pollutant Copper (% Cu reduction) for both projects	235 lbs/yr (68.2%)	Ļ
Channel Diversion (25 cfs) 3-Way	<u>Design Diversion Rate</u> San Rafael Creek	25 cfs	
Actuated Valve	Storage Capacity for Infiltration Basin with 2.88 filtration unit	2.6 ac-ft (0.88 MG)	
Arroyo Seco - San Rafael Treatment Wetlands/Infiltration Wetlands and Recharge Basins (2.6 AF)	24-Hour Capacity for both San Rafael and San Pascual Sites	27.9 ac-ft	
Hitration Unit (2.8 cfs) Arroyo Seco Channel	Construction Cost Estimate for both San Rafael and San Pascual Sites	\$6,333,095	



SAN PASCUAL PROPOSED CONCEPTUAL SITE LAYOUT





Natural Treatment Wetland



Public Access



Stormwater Harvesting Unit

PROJECT CHARACTERISTICS

Primary Pollutant Zinc Reduction Achieved (% Zn reduction) for both projects	873 lb/yr (67.7%)	
Secondary Pollutant Copper (% Cu reduction) for both projects	235 lbs/yr (68.2%)	
Design Diversion Rate Arroyo Seco Channel	25 cfs	
Storage Capacity for Natural Treatment Wetlands with 5.76 cfs filtration unit	6.5 ac-ft (2.1 MG)	
24-Hour Capacity for both San Rafael and San Pascual Sites	27.9 ac-ft	
Construction Cost Estimate for both San Rafael and San Pascual Sites	\$6,333,095	

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craft engine

water