

Arroyo Seco Watershed Management & Restoration Plan

Appendices

PROJECT: P-6: San Rafael Creek Restoration

PROJECT LOCATION

City: Pasadena

Neighborhood:

Site Identification: San Rafael Creek south of Laguna Road

Site Owner: Multiple private property owners, outlet in City of Pasadena Lower Arroyo Park

PROJECT DESCRIPTION

Project Type: Creek and Habitat Restoration

Project Scope: Water Quality, Habitat Restoration

Project Overview: San Rafael Creek runs west to east and is directly south of Laguna Road in the Lower Arroyo portion of Pasadena. Except for the final few hundred feet which are concrete lined, the creek has remained in a fairly natural state. Project elements include removing the existing concrete bottom, removing exotic invasive plants and restoring riparian habitat.

Project Rationale: San Rafael Creek is the second-largest unlined creek in the watershed south of the Angeles National Forest (the largest being Flint Wash). Although too steep for low-elevation fish, it could provide quality riparian habitat if invasive exotic plants were removed and natives planted. In addition, naturalizing the confluence with the mainstem Arroyo Seco would be an important addition to the riparian habitat in Lower Arroyo Park.

PROJECT DETAILS

Project Component	Component Letter	Type	Size (acres)	Score	Cost
Develop working group to identify ways to protect and restore creek while respecting private property rights.	A	HR			\$5K
Restore riparian habitat and remove exotic plants.	B	HR	20	9	\$100K - \$250K
Remove concrete lining from lower San Rafael Creek.	C	HR	1		\$500K - \$1M
Restore natural confluence area where SR Creek joins Arroyo Seco.	D	HR	2		\$250 - \$500K
Total					\$850K - \$1.8M

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HABITAT DETAILS

	AC	CQ	OT	ST	YW	Total Score
Restoration scores	0	3	0	3	3	9

Rank (out of 22 projects): 6th (tied)

Rank in Pasadena (out of 6 projects): 5

PROJECT AREA PHOTOGRAPH

