



# Summary of Round 6 Regional Program Project Submissions

SAFE CLEAN WATER PROGRAM  
OCTOBER 2, 2024

REGIONAL PROGRAM  
FY25-26

UPPER LOS ANGELES RIVER  
WATERSHED AREA

## WATERSHED COORDINATORS

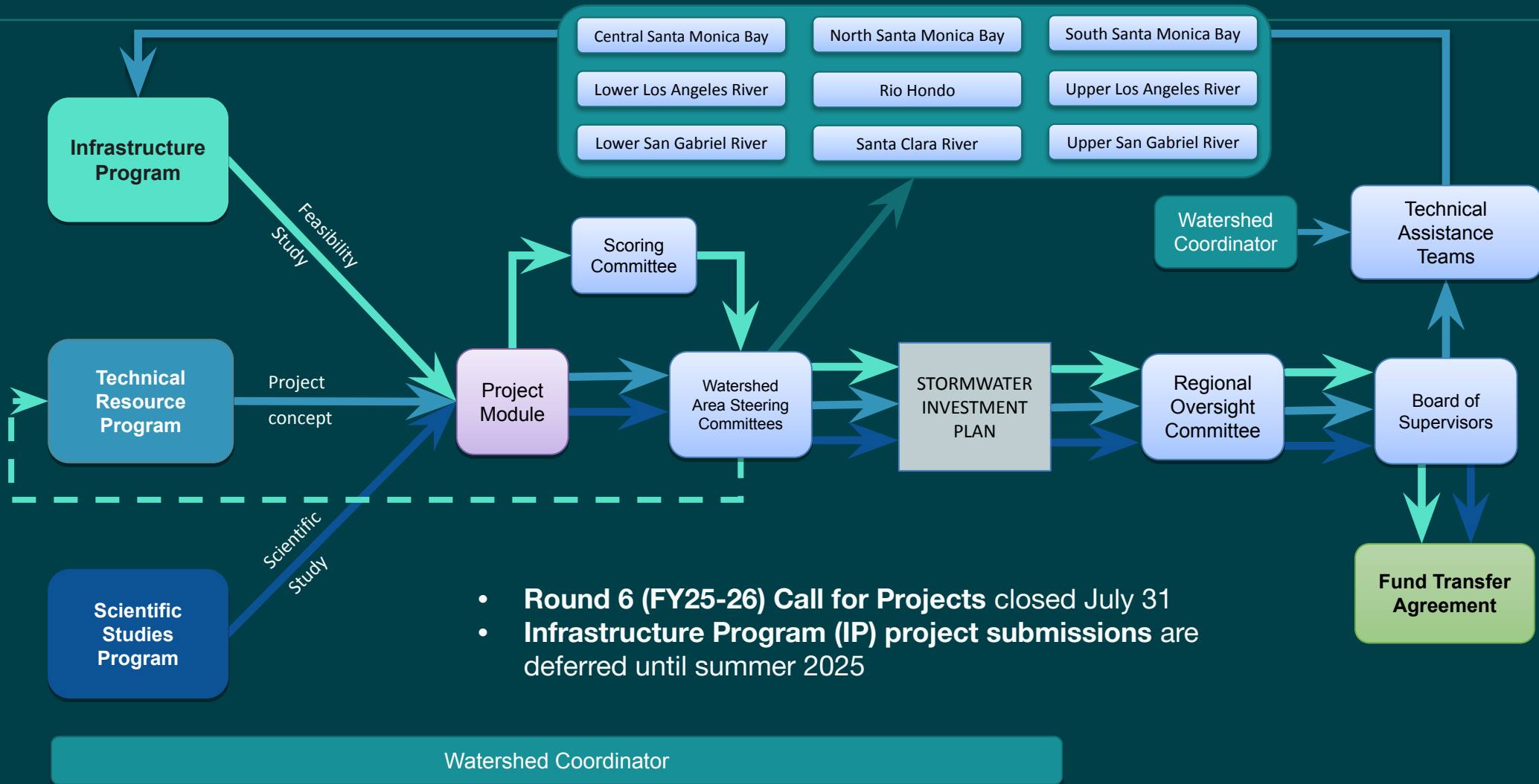
Council for Watershed Health  
Kristina Kreter, Watershed Coordinator

Council for Watershed Health  
Alonso Garcia, Watershed Coordinator

Environmental Outreach Strategies  
Adi Liberman, Watershed Coordinator



# Regional Program Flow Chart



# UPPER LA RIVER

## Round 6 Project Submissions

PROGRAM	PRELIMINARY TOTAL SCW FUNDING REQUESTED	PRELIMINARY PROJECTS SUBMITTED
Infrastructure Program (>85%)*	~\$0M	0
Technical Resources Program ( $\leq 10\%$ )	~\$1.6M	4
Scientific Studies Program ( $\leq 5\%$ )	~\$1.6M	3
<b>TOTAL</b>	<b>~\$3.2M</b>	<b>7</b>

\*Infrastructure Program (IP) project submissions are deferred until summer 2025



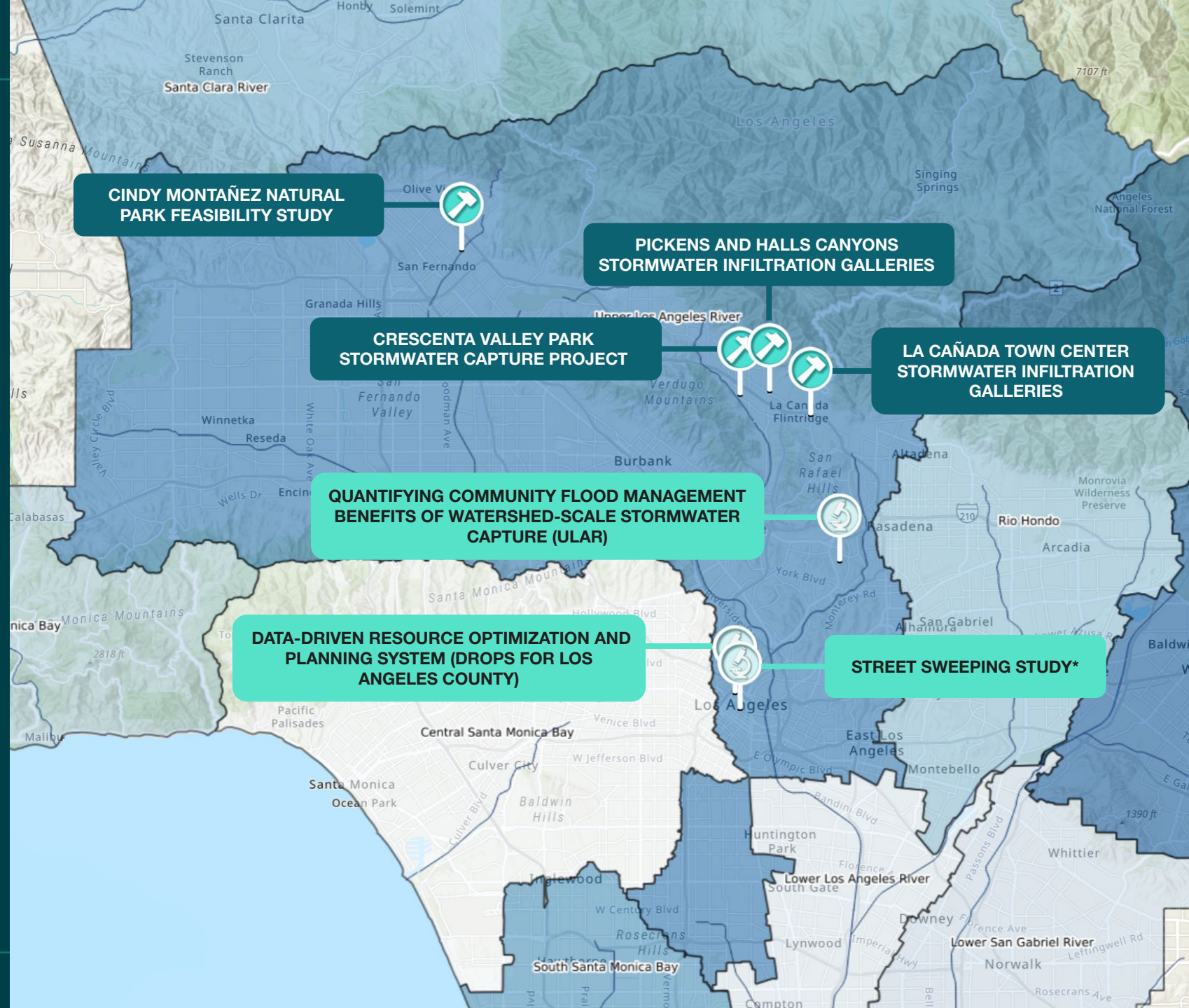
## Round 6 Project Submissions

## Technical Resources Program + Scientific Studies

### KEY:

TECHNICAL RESOURCES PROGRAM



SCIENTIFIC STUDIES



## Round 6 Project Submissions: Technical Resources Program

PROJECT TITLE	PROJECT PROPONENT	FUNDING AMOUNT
Cindy Montañez Natural Park Feasibility Study	TreePeople	\$400,000.00
Crescenta Valley Park Stormwater Capture Project	Crescenta Valley Water District	\$400,000.00
Pickens and Halls Canyons Stormwater Infiltration Galleries	Foothill Municipal Water District	\$400,000.00
La Cañada Town Center Stormwater Infiltration Galleries	Foothill Municipal Water District	\$400,000.00
<b>TOTAL REQUEST</b>		<b>\$ 1,600,000.00</b>

## Icon Legend

COMMUNITY INVESTMENT BENEFITS	ICON
1. Improve flood management, flood conveyance, or flood risk mitigation	
2. Create, enhance, or restore park space, habitat, or wetland space	
3. Improve public access to waterways	
4. Create or enhance new recreational opportunities	
5. Create or enhance green spaces at school	
6. Reduce heat local island effect and increase shade	
7. Increase shade or the number of trees or other vegetation	



# Cindy Montañez Natural Park Feasibility Study

<b>Benefits Include</b>	<ul style="list-style-type: none"><li>• <b>Key water quality benefits:</b> Address nonpoint source pollutants flowing into Pacoima Wash such as metals, bacteria, organic and inorganic contaminants, pesticides and herbicides using nature based solutions (bioswale and filtration elements)</li><li>• <b>Key water supply benefits:</b> Infiltration into a managed water supply aquifer (San Fernando Basin), aquifer recharge</li><li>• <b>Key community investment benefits:</b></li></ul>
<b>Nature Based Solutions</b>	<ul style="list-style-type: none"><li>• Bioswales, trees, native vegetation</li><li>• Use of natural materials: soils and native vegetation</li><li>• Planting of approximately 20 trees and up to 200 native plants (shrubs and grasses) to complement stormwater capture</li></ul>
<b>Claimed Disadvantaged Community Benefits</b>	<ul style="list-style-type: none"><li>• Yes, park is located in, and serves communities defined as a DAC per CalEPA</li><li>• Project will directly benefit DAC by enhancing culturally significant public park space</li><li>• Parkspace enhancement in a park poor community with high pollution burden</li><li>• Recreational opportunities through project's connectivity to newly-developed Pacoima Wash Greenway and bike path</li></ul>
<b>Community Support</b>	<ul style="list-style-type: none"><li>• TreePeople intends to partner with local stakeholders such as CBOs, the local tribe, businesses and city committees that all have a vested interest in seeing the park be successful</li></ul>
<b>Agreements/ leveraged funding/ unique aspects of the project</b>	<ul style="list-style-type: none"><li>• City of San Fernando Letter of Non-Objection</li><li>• City of San Fernando Public Works Department committed to be responsible for O&amp;M</li></ul>



**Lead:** TreePeople

**Collaborators:** City of San Fernando

**Location:** 801 8th St., San Fernando, CA 91340

**Timeline:** Target Date of Completion for TRP: 7/1/2026

**Total Request:** \$400,000.00



# Crescenta Valley Park Stormwater Capture Project

Benefits Include	<ul style="list-style-type: none"><li>• <b>Key water quality benefits:</b><ul style="list-style-type: none"><li>○ Divert and infiltrate stormwater and dry-weather flow from the Verdugo Wash and Dunsmuir Channel to ultimately recharge the Verdugo Aquifer</li><li>○ Limiting pollutants: zinc and E. coli</li></ul></li><li>• <b>Key water supply benefits:</b> Augment water supply in the Verdugo Aquifer by an average of 500 acre-feet per year</li><li>• <b>Key community investment benefits:</b></li></ul>
Nature Based Solutions	<ul style="list-style-type: none"><li>• Infiltration through native coarse soils and a bioswale will mimic natural runoff and recharge the Verdugo Aquifer. The system will also help filter pollutants through the combination of infiltration galleries and the bioswale.</li><li>• Native and drought tolerant plants will be used for the bioswale</li></ul>
Claimed Disadvantaged Community Benefits	<ul style="list-style-type: none"><li>• No</li></ul>
Community Support	<ul style="list-style-type: none"><li>• Agency and non-profit support for outreach for the 2017 feasibility study</li><li>• 2023, quarterly Q&amp;A sessions were held with the public</li><li>• 2024 poll to gather resident input on community priorities</li><li>• Letters of Support: City of Glendale and the Foothill Municipal Water District</li></ul>
Agreements/ leveraged funding/ unique aspects of the project	<ul style="list-style-type: none"><li>• The TRP aims to address gaps in the 2017 Feasibility Study, explore alternative seating options, and enhance community benefits by providing additional or improved recreational opportunities</li></ul>



**Lead:** Crescenta Valley Water District

**Collaborators:** City of Glendale, Los Angeles County Parks and Recreation

**Location:** 3901 Dunsmore Avenue, Glendale, CA 91214


**Timeline:** Target Date of Completion for TRP:  
7/31/2026

**Total Request:** \$400,000.00





# Pickens and Halls Canyons Stormwater Infiltration Galleries

<b>Benefits Include:</b>	<ul style="list-style-type: none"> <li>• <b>Key water quality benefits:</b> Prevent pollutants including trash, nutrients, bacteria, and metals from entering the Verdugo Wash; stormwater pretreatment prior to groundwater recharge</li> <li>• <b>Key water supply benefits:</b> Recharge the Verdugo Groundwater Basin, reduce reliance on imported water</li> <li>• <b>Key community investment benefits:</b> <div>  </div> </li> </ul>
<b>Nature Based Solutions:</b>	<ul style="list-style-type: none"> <li>• Explore the potential for utilizing natural processes and materials, such as. permeable pavement and shade trees</li> </ul>
<b>Claimed Disadvantaged Community Benefits:</b>	<ul style="list-style-type: none"> <li>• Yes, by providing a local water resources to disadvantaged communities</li> </ul>
<b>Community Support:</b>	<ul style="list-style-type: none"> <li>• Letter of Support from LACPW</li> </ul>
<b>Agreements/ leveraged funding/ unique aspects of the project</b>	<ul style="list-style-type: none"> <li>• None</li> </ul>

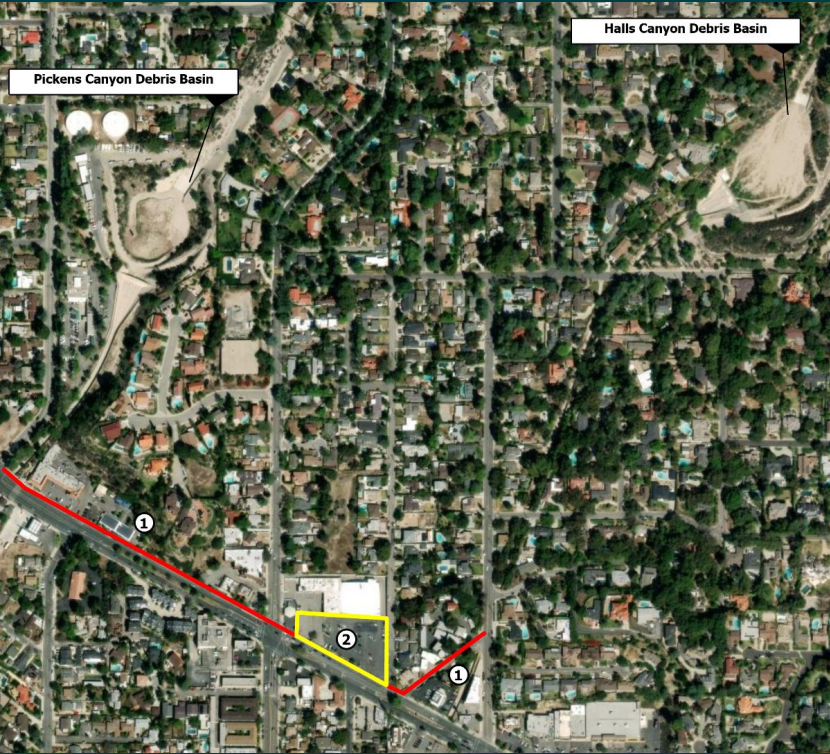
**Lead:** Foothill Municipal Water District

**Collaborators:** City of La Canada Flintridge, Crescenta Valley Water District


**Location:** 2243 Foothill Blvd, La Canada Flintridge, CA 91011

**Timeline:** Target Date of Completion for TRP: 12/31/2026

**Total Request:** \$400,000.00



# La Cañada Town Center Stormwater Infiltration Galleries

<b>Benefits Include</b>	<ul style="list-style-type: none"><li>• <b>Key water quality benefits:</b> Pre-treat primary pollutants of concern before groundwater recharge; help reduce the overall pollutant load entering the stormwater system, TMDL compliance</li><li>• <b>Key water supply benefits:</b> Recharge the declining Monk Hill Subarea of the Raymond Basin, reduce reliance on imported water, on-site reuse for drip irrigation of landscape areas at Town Center</li><li>• <b>Key community investment benefits:</b> </li></ul>
<b>Nature Based Solutions</b>	<ul style="list-style-type: none"><li>• Drought-tolerant native landscaping with shrubs, grasses, native shade trees in Town Center to reduce the heat island effect</li><li>• Explore nature-based solutions for infiltration and groundwater recharge, as well as pre-treatment to improve stormwater quality</li></ul>
<b>Claimed Disadvantaged Community Benefits</b>	<ul style="list-style-type: none"><li>• Yes, Water agencies serving local DAC communities will benefit from a stable and more cost- effective water source</li></ul>
<b>Community Support</b>	<ul style="list-style-type: none"><li>• Letter of Support from LACPW, Valley Water Company, Las Flores Water Company, La Cañada Irrigation District, Lincoln Avenue Water Company, Raymond Basin Management Board</li></ul>
<b>Agreements/ leveraged funding/ unique aspects of the project</b>	<ul style="list-style-type: none"><li>• None</li></ul>

**Lead:** Foothill Municipal Water District,

**Collaborators:** City of La Canada Flintridge,  
Valley Water Company

**Location:** 965 Town Center Drive, La Canada  
Flintridge, CA 91011

**Timeline:** Target Date of Completion for TRP:  
12/31/2026

**Total Request:** \$400,000.00



## Round 6 Project Submissions: Scientific Studies

PROJECT TITLE	PROJECT PROPONENT	FUNDING AMOUNT
Data-Data-Driven Resource Optimization and Planning System (DROPS for Los Angeles County)	Foothill Municipal Water District	\$442,000.00 *covers all watersheds
Street Sweeping Study (ULAR)	City of Los Angeles	\$668,350.00
Quantifying Community Flood Management Benefits of Watershed-Scale Stormwater Capture (ULAR)	San Gabriel Valley Council of Governments	\$470,000.00
<b>TOTAL REQUEST</b>		<b>\$ 1,600,350.00</b>



# Data-Driven Resource Optimization and Planning System (DROPS) for Los Angeles County

<b>Project Description:</b>	<ul style="list-style-type: none"><li>Implement the DROPS tool that integrates advanced data analytics with AI to site distributed stormwater capture and filtration projects.</li><li>Watersheds include: Central Santa Monica Bay, Lower Los Angeles River, Lower San Gabriel River, North Santa Monica Bay, Rio Hondo, Santa Clara River, South Santa Monica Bay, Upper Los Angeles River, Upper San Gabriel River</li></ul>
<b>Benefits Include:</b>	<ul style="list-style-type: none"><li><b>Stormwater Management:</b> Identify sites for distributed low impact development (LID) projects that effectively manage stormwater and control flood.</li><li><b>Water Supply:</b> Identify sites for efficient groundwater recharge in basins throughout Los Angeles County.</li><li><b>Water Quality:</b> Primary pollutants of concern can be treated at the identified LID project sites.</li><li><b>Meet TMDL Requirements:</b> Stormwater captured for groundwater infiltration reduces the total amount of pollutants entering the stormwater system.</li><li><b>Offset Potable Irrigation Demands:</b> Align the creation of distributed LID projects with the removal of nonfunctional turf grass irrigated by potable water.</li><li><b>DAC Community:</b> Siting projects in DAC areas can help both to alleviate potential inequalities in access to municipal services as well as allow projects to tap into sources of state and federal funding that might not otherwise be accessible.</li><li><b>Increased Collaboration:</b> Providing access to a shared pool of data, DROPS fosters partnerships across government agencies, environmental groups, community organizations, and private entities to collectively analyze, understand, and respond to water management challenges with a unified approach.</li></ul>
<b>Study Objectives:</b>	<ul style="list-style-type: none"><li>The objective of the Data-Driven Resource Optimization and Planning System (DROPS) program is to develop a low-cost planning tool to efficiently site and estimate the benefits of distributed stormwater capture and filtration projects.</li><li>This tool aims to support the implementation of green infrastructure projects, such as green streets and California Friendly® vegetation, by identifying potential sites, estimating benefits like groundwater</li></ul>

**Lead:** Foothill Municipal Water District

**Collaborators:** Crescenta Valley Water District, Glendale Water and Power, Pasadena Water and Power

**Location:** Los Angeles County

**Timeline:** Study Completion - 10/2026

**Total request:** \$442,000.00

**Total request for ULAR:** \$49,111.00

**Leveraged funding:** \$109,800.00

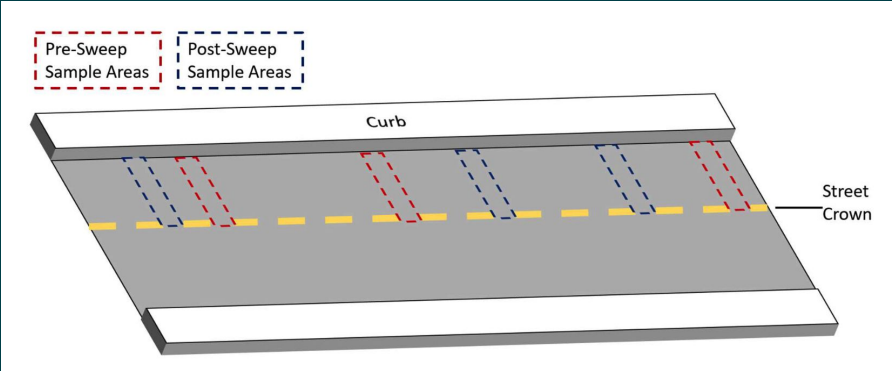




# Street Sweeping Study (ULAR)

<b>Project Description:</b>	<ul style="list-style-type: none"><li>• The Study will gather data to identify potential enhancements to City of LA's Street Sweeping Program to maximize water quality benefits.</li><li>• Watersheds include: Upper Los Angeles River</li></ul>
<b>Benefits Include:</b>	<ul style="list-style-type: none"><li>• The data collected by the Study will help identify and support enhancements to the City's street sweeping program that would reduce pollutant loads on City streets, thereby improving downstream water quality– a tangible benefit for adjacent communities and various stakeholders.</li><li>• Enhanced pollutant removal can also support other benefits such as improved air quality.</li><li>• Street sweeping enhancements based on study results could include utilization of sweeping technologies that are more effective for street dirt and pollutant removal, addition of new routes or increased sweeping frequencies in areas of high pollutant loading, and increased prioritization of pollutant removal and water quality during critical time periods (e.g., immediately before storms).</li></ul>
<b>Study Objectives:</b>	<ul style="list-style-type: none"><li>• The Study's primary objective is to collect information that will help identify and support potential enhancements to the City's street sweeping program that could provide greater pollutant removal and improve downstream water quality. This objective will be attained by answering the following three questions, with respect to pollutant removal and water quality:<ol style="list-style-type: none"><li>1. <b>How to Sweep?</b></li><li>2. <b>Where to Sweep?</b></li><li>3. <b>When to Sweep?</b></li></ol></li></ul>

**Lead:** City of Los Angeles  
**Location:** City of Los Angeles  
**Timeline:** Study Completion - 09/2028  
**Total request:** \$688,350.00  
**Leveraged funding:** \$105,000.00



# Quantifying Community Flood Management Benefits of Watershed-Scale Stormwater Capture

<b>Project Description:</b>	<ul style="list-style-type: none"><li>• Explores community flood improvement benefits of SCWP projects under climate change scenarios to enable river restoration alternatives</li><li>• Watersheds include: Upper Los Angeles River</li></ul>
<b>Benefits Include:</b>	<ul style="list-style-type: none"><li>• This study will directly contribute to an enhanced understanding of the Program’s Community Investment Benefits by better articulating the flood management, flood conveyance, and flood risk mitigation potential provided by Regional and Municipal SCWP projects.</li><li>• If runoff capture by SCWP projects can sufficiently reduce flood risks and improve conveyance to enable partial or full restoration of some channelized river segments and tributaries, then those projects can also demonstrate improved access to waterways, new recreation opportunities; and creation of parks, habitat, or wetlands—which are all key Community Investment Benefits and elements of the Regional Program scoring criteria.</li><li>• In parallel with the Community Investment Benefits, the analysis conducted by this study will also characterize the Water Quality Benefits expected from watershed-scale project implementation, as well as the potential Water Supply Benefits from volume managed and infiltrated by those projects.</li></ul>
<b>Study Objectives:</b>	<ul style="list-style-type: none"><li>• The Study’s objectives are to:<ol style="list-style-type: none"><li>1. Better quantify the CIBs provided by SCWP projects by identifying metrics, benchmarks, and analytical methods for evaluating flood management improvements, including definition of design storm parameters under current and future climate scenarios and estimation of peak flow and volume storage objectives.</li><li>2. Estimate the flood management benefits of historical and future SCWP projects, including stormwater capture through the watershed as well as strategic floodplain reclamation in areas that would not displace residents or businesses.</li><li>3. Evaluate what level of flood management improvements are needed to support different scales of channel restoration.</li><li>4. Develop recommendations for siting and design of projects to tailor projects to watershed-wide flood management needs, minimize flooding risks, and maximize CIBs such as channel restoration opportunities and access to waterways.</li></ol></li></ul>

**Lead:** San Gabriel Valley Council of Governments

**Collaborators:** University of California-Irvine Flood Lab,  
University of California-LA Center for Climate Science

**Location:** Arroyo Seco subwatershed of the Upper Los Angeles River

**Timeline:** Study Completion - 07/2027

**Total request:** \$470,000.00

# Thank You

## Upper LA River Watershed Coordinators

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