SAFE CLEAN WATER PROGRAM

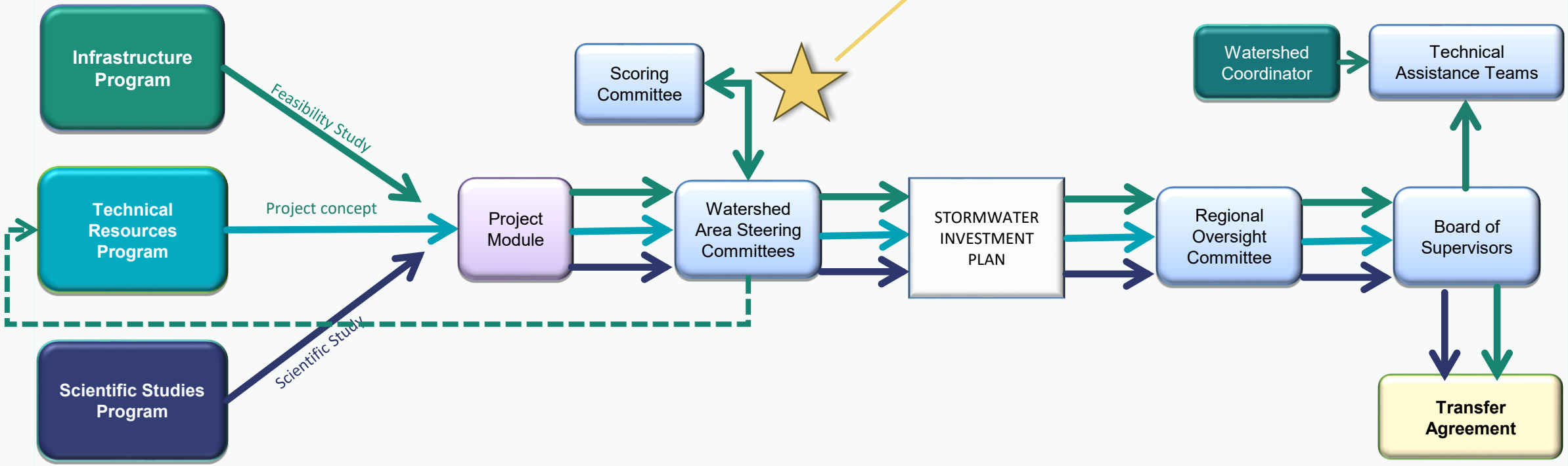
Summary of Submitted Projects, Project Concepts, and Scientific Studies

Round 7 (FY26-27) Call for Projects

Rio Hondo WASC
August 19, 2025

Regional Program – Typical Process

WASC votes to send none, some, or all complete feasibility studies to the Scoring Committee for evaluation.



FY26-27 Project submissions at a glance

Goals:

1. Encourage WASC members to review applications
2. Help WASC members understand the diversity of projects submitted and improve familiarity with initial projects
3. Support WASCs' authority to decide which Projects to send to the Scoring Committee

#	Lead Applicant	Project Name	Funding requested	Program (IP – Design, IP – Construction /O&M, TRP, SS)
1	*Moore Institute for Plastic Pollution Research*	*A Holistic Assessment of Trash in Watersheds*	*$366k*	*SS*
2	*Amigos de los Rios*	*Living Schoolyard Operations and Maintenance Training Pilot*	*$924k*	*SS*
3	*City of Pasadena, Department of Public Works*	*Building a Green Infrastructure Workforce in the LA Region*	*$657k*	*SS*
4	*UCLA*	*Regional CECs and Pollutant EMCs in Stormwater Assessment*	*$237k*	*SS*
5	*San Gabriel Valley Council of Governments*	*Climate Resistance and Resiliency: An Adaptive Framework for Stormwater Risk Management*	*$401k*	*SS*

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#	Lead Applicant	Project Name	Funding requested	Program (IP – Design, IP – Construction /O&M, TRP, SS)
6	*San Gabriel Valley Council of Governments*	*Quantifying Community Flood Management Benefits of Watershed-Scale Stormwater Capture*	*$505k*	*SS*
7	*Council for Watershed Health*	*Depave Rio Hondo: Prioritizing Parking Lots for Green Retrofitting and Exploring Broader Hardscape Transformation Considerations*	*$285k*	*SS*
8	*Los Angeles County*	*East Los Angeles Sustainable Median Stormwater Capture Project*	*$1.5M*	*IP – Construction / O&M*
9	*Arcadia*	*Rio Hondo Ecosystem Restoration Project*	*$19.4M*	*IP – Construction / O&M*
10	*Pasadena*	*Sierra Madre Boulevard Median Enhancement Project*	*$12.5M*	*IP – Construction / O&M*
11	*Alhambra*	*Story Park Stormwater Capture Project*	*$1.6M*	*IP – Design*
12	*Arcadia*	*Arcadia City Hall Stormwater Capture Project*	*$1.3M*	*IP – Design*
13	*Pasadena*	*Eaton Wash Stormwater Capture Project*	*$19.4M*	*IP – Construction / O&M*

Total requested: $59,108,860

Total funding request: *$366,000 ($3.2M total)*

Scientific Study

A Holistic Assessment of Trash in Watersheds

Project Lead: Moore Institute for Plastic Pollution Research (MIPPR)

MIPPR will measure roadside trash loading, harmonize public data, create watershed models to assess WASC BMPs.

Collaborators: *Algalita, California State Water Resources Control Board, Friends of The LA River*
Location: *Program wide - ULAR, CSMB, LLAR, LSGR, RH, NSMB, SCR, SSMB, USGR*
Timeline: *Study complete 06/2030*

Key Highlights

- Watershed trash transport model for WASC-specific recommendations on trash management
- Project will improve water quality by cleaning up all trash found during surveys and identifying future BMP locations
- Workforce development with two field crew members per participating WASC & education/outreach during surveying
- Match funding for sample analysis and facility costs
- Expands on previously funded studies, “Microplastics in LA County Stormwater” & “Street Sweeping Study”

Total funding request: *$923,965*

Scientific Study

Living Schoolyard Operations and Maintenance Training Pilot

Project Lead: Amigos de los Rios

The project will codify, implement, and assess an operations & maintenance training program to optimize long-term benefits of living schoolyards.

Collaborators: *Pacific Institute, Earth Economics, Green Schoolyards, USC Health Research Partnership – Public Exchange*
Location: *RH*
Timeline: *Study complete 12/2029*

Key Highlights

- Comprehensive O&M protocol to optimize long-term benefits of living schoolyards
- Maintenance will allow for cleaner water, improved air quality, shade coverage, and nature access
- Schools can co-opt and implement maintenance plan leading to more greenery and greater quality of life for community members
- Leveraged funding from CAL FIRE grant and other funding from Monrovia and Pasadena Unified School Districts

Total funding request: *$5,276 ($1.5M total)*

Scientific Study

Building a Green Infrastructure Workforce in the LA Region

Study Lead: City of Pasadena, Department of Public Works

Development of a green infrastructure maintenance framework for regional workforce development.

Collaborators: *City of Pasadena Housing Department, Municipal Assistance, Solutions and Hiring Program (MASH) & City of Pasadena Department of Parks, Recreation, and Community Services*

Location: *Program wide – ULAR, CSMB, LLAR, LSGR, RH, NSMB, SCR, SSMB, USGR*

Timeline: *Study complete 07/2031*

Key Highlights

- Increase understanding of maintenance activities that maximize the treatment of stormwater and urban runoff and ability to capture local water supplies from stormwater infrastructure
- Long-term maintenance will ensure green infrastructure and stormwater capture projects maximize performance to improve water quality
- Workforce development focused on training underserved, under- and unemployed populations
- City of Pasadena has committed $100k each year of the 5-year study

Total funding request: *$340,569 ($2.4M total)*

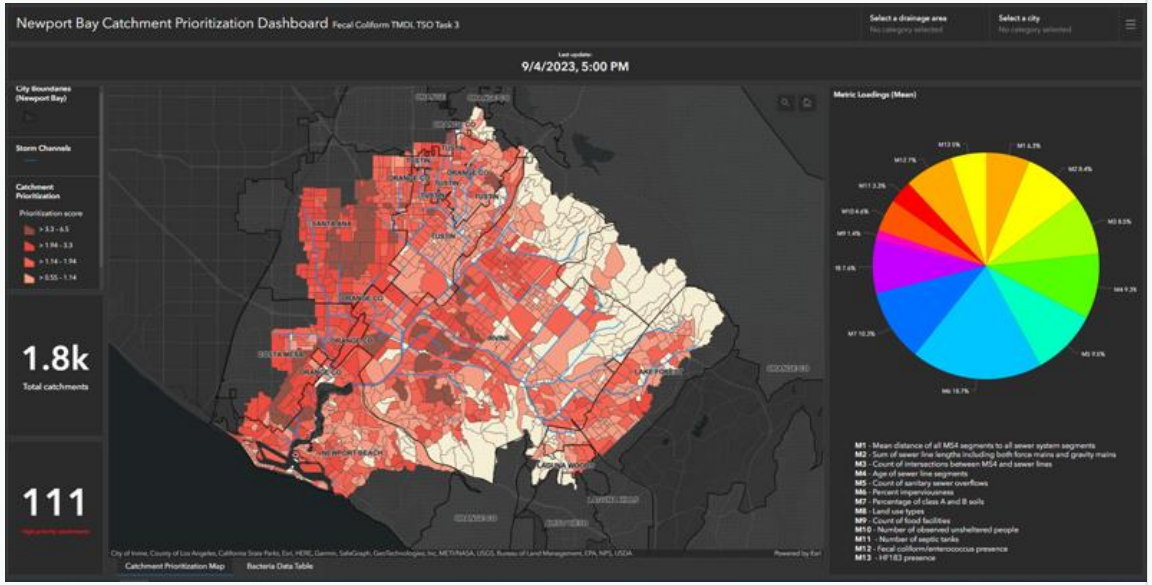
Scientific Study

Regional CECs and Pollutant EMCs in Stormwater Assessment

Study Lead: UCLA

Regional stormwater study linking land use to emerging contaminants such as 6PPDQ, PFAS, and microplastics to help guide future BMPs and planning.

Collaborators: *Herrera Environmental Consultants, AtkinsRéalis*
Location: *Regional – CSMB, LSGR, RH, SSMB, ULAR, USGR*
Timeline: *Study complete 02/2032*



Key Highlights

- Guidance for BMP implementation & BMPs post wildfire
- Inform and guide targeted interventions to reduce toxic pollutant discharges
- Long-term community investment and planning, ensuring data remains useful for decades
- Results can inform more equitable stormwater management methods to safeguard all communities

Total funding request: *$400,766 ($1.2M total)*

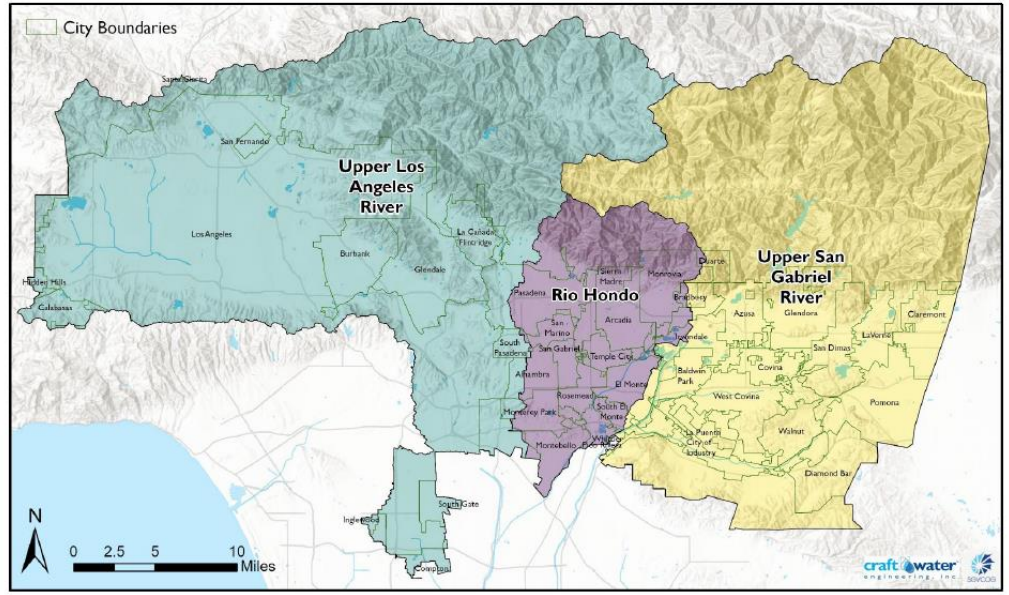
Scientific Study

Climate Resistance and Resiliency: An Adaptive Framework for Stormwater Risk Management

Study Lead: San Gabriel Valley Council of Governments

Building a framework for proactive, adaptive strategies in stormwater programs to safeguard communities and protect the environment under extreme conditions of climate change and growing frequency and severity of natural disasters.

Collaborators: *N/A*
Location: *Regional – RH, ULAR, USGR*
Timeline: *Study complete 12/2029*



Key Highlights

- Provide stormwater managers with proactive, cost-effective strategies to prevent or mitigate negative impacts of natural disasters
- Prevention and mitigation strategies will focus on protection of water quality even under extreme natural disasters
- Strategies will provide better protection and investment in measures within Disadvantaged Communities
- Will leverage findings from the funded ULAR Fire Effects Study

Total funding request: *$504,950 ($1M total)*

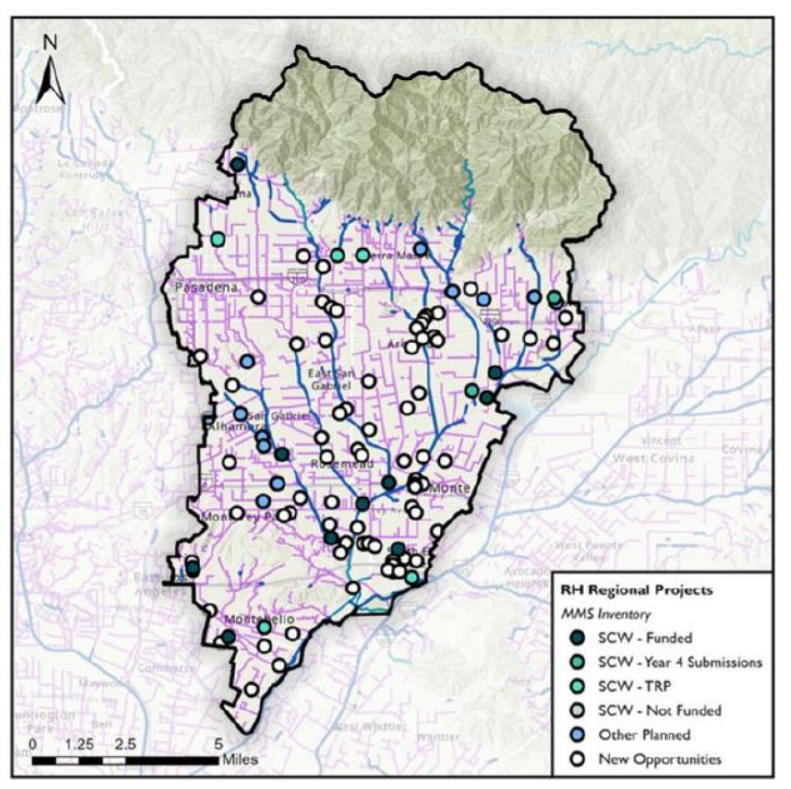
Scientific Study

Quantifying Community Flood Management Benefits of Watershed-Scale Stormwater Capture

Study Lead: San Gabriel Valley Council of Governments

This study, as the third phase of an ongoing effort funded by the Safe, Clean Water Program (SCWP), aims to expand flood management analyses from the Arroyo Seco pilot watershed (Phase 2) to the Upper Los Angeles River (ULAR) and Rio Hondo Watershed Areas.

Collaborators: *UCI Flood Lab, UCLA Center for Climate Science*
Location: *Regional – RH, ULAR*
Timeline: *Study complete 8/2028*



Key Highlights

- Addresses stormwater management by modeling how distributed stormwater capture and upstream storage can reduce flood risks
- Analysis will characterize the Water Quality and Supply Benefits expected from watershed-scale project implementation
- Study will contribute to an enhanced understanding of Community Investment Benefits by better articulating flood management, conveyance, and risk mitigation potential provided by SCWP projects
- Third phase of funded study “Quantifying Community Flood Management Benefits of Watershed-Scale Stormwater Capture”

Total funding request: *$284,800* **Scientific Study**

Depave Rio Hondo: Prioritizing Parking Lots for Green Retrofitting and Exploring Broader Hardscape Transformation Considerations

Study Lead: Council for Watershed Health

Identify and prioritize parking lots for green retrofits and develop resources to facilitate future parking lot retrofit project development and explore the broader considerations and benefits of transforming hardscapes into multi-benefit sites at-scale.

Collaborators: *Herrera Environmental Consultants, Craftwater Engineering*
Location: *RH*
Timeline: *Study complete 9/2028*

Key Highlights

- Study will customize a Tool to identify, rank and prioritize parking lots where retrofit projects may offer the greatest Water Quality and Supply benefits
- Transforming hardscapes can create new park space, green schools, reduce heat island effects, increase carbon sequestration and improve air quality
- Extension of previously funded study “DepaveLA: Prioritizing Parking Lots for Green Retrofitting Hardscape and Brownfield Transformation Opportunity Study”

Total funding request: *$1,500,000*

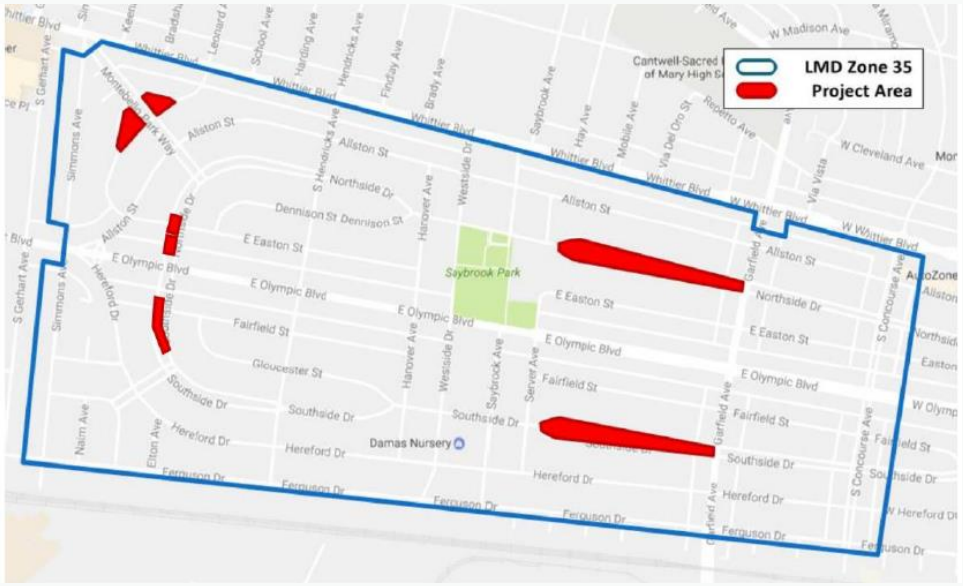
IP – O&M only

East Los Angeles Sustainable Median Stormwater Capture Project

Project Lead: Los Angeles County

O&M of stormwater BMPs to ensure project improves water quality and park enhancements.

Collaborators: *N/A*
Location: *Northside Dr. and Garfield Ave. East Los Angeles, CA 90022*
Timeline: *O&M funding complete Year 5 (FY30-31)*



Key Highlights

- 1162.95 average annual acre-feet stormwater captured
- Captures stormwater and runoff from 3,000-acre drainage area and aims to reduce priority pollutants, including metals and bacteria from entering the channel
- O&M will maintain flood management provided by multi-benefit park project and reduce heat island effects through installation of 300 trees
- Claims benefit to disadvantaged communities: Yes, East Los Angeles
- Cost Share Agreements by City of Montebello & Monterey Park and 50% match from The County
- Community meetings during planning & design and more than 8 in-person tours

Total funding request: *$19,397,616*

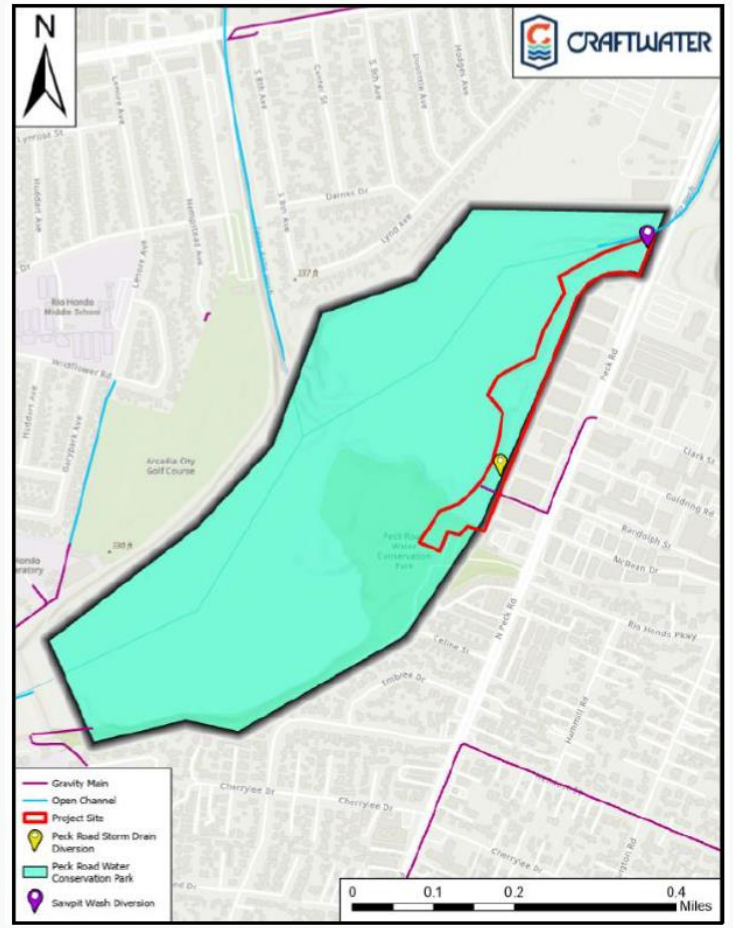
IP – Construction

Rio Hondo Ecosystem Restoration Project

Project Lead: Arcadia

Regional stormwater capture and infiltration facility located adjacent to the Peck Road Spreading Basin in Arcadia, CA.

Collaborators: *N/A*
Location: *5401 Peck Road, Arcadia, CA 91006*
Timeline: *Design complete 12/2026 & Construction complete 12/2030*



Key Highlights

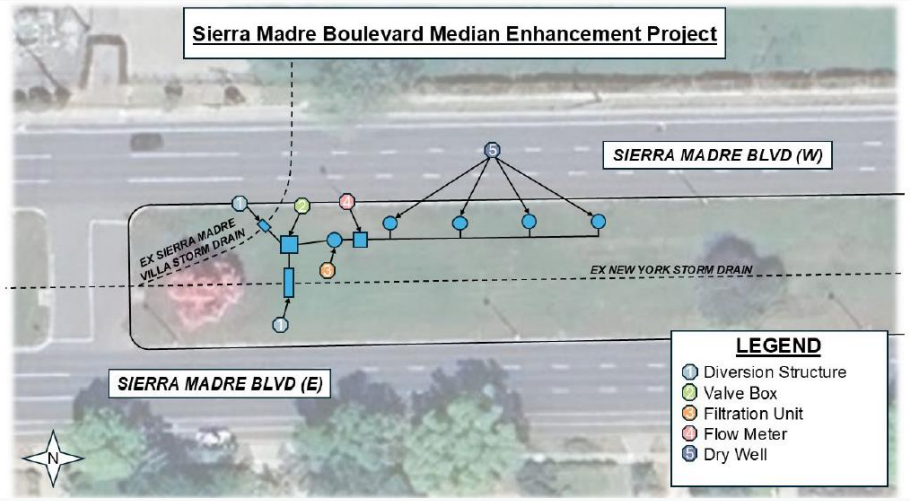
- 38.4 average annual acre-feet stormwater captured
- Expected to capture about 934 lbs. of zinc on an annual average basis as well as other water quality priorities such as organics and E. coli
- Project provides 10.3 ac-ft of stormwater detention storage, 1.22 acres of new planting zones, 2400 ft of new pathways, 242 new trees, 53,084 sf of vegetation planting, and a water feature
- Claims benefit to disadvantaged communities: Yes
- Funds from RH/SGR JPA & Caltrans
- Numerous public engagement and outreach activities during development of rWMP
- Letters of support: ActiveSGV, Amigos de los Rios, City of Arcadia, City of Monrovia, LA County Parks & Recreation, and Pasadena Audobon

Total funding request: *$12,481,400*

IP – Construction / O&M

Sierra Madre Boulevard Median Enhancement Project

Project Lead: Pasadena



Stormwater quality treatment and landscaping upgrades to Sierra Madre Blvd. medians

Collaborators: *N/A*
Location: Sierra Madre Blvd Between Michillinda Ave and Washington Blvd, Pasadena, CA 91107
Timeline: *Design complete 10/2025 & Construction complete 9/2026*

Key Highlights

- 67.04 average annual acre-feet stormwater captured and recharged
- Project is expected to infiltrate 100% of dry weather flows from Sierra Madre Villa Channel and New York Storm Drains which will reduce the E. coli loading in the downstream Eaton Wash
- Creation of 292,290 sf of shrub coverage and 275,214 sf of tree canopy
- Claims benefit to disadvantaged communities: No
- Additional funding from Caltrans
- Outreach and engagement focused on education, project awareness, and providing multiple opportunities for feedback with two open-houses and two pop-ups
- Letters of support: Arlington Garden, Eaton Canyon Nature Center Associates, Day One, GroWorks, Caltrans, Council Member Representing District 4 in Pasadena, City of Pasadena Mayor, Pasadena Department of Public Works

Total funding request: *$1,648,000*

IP – Design Only

Story Park Stormwater Capture Project

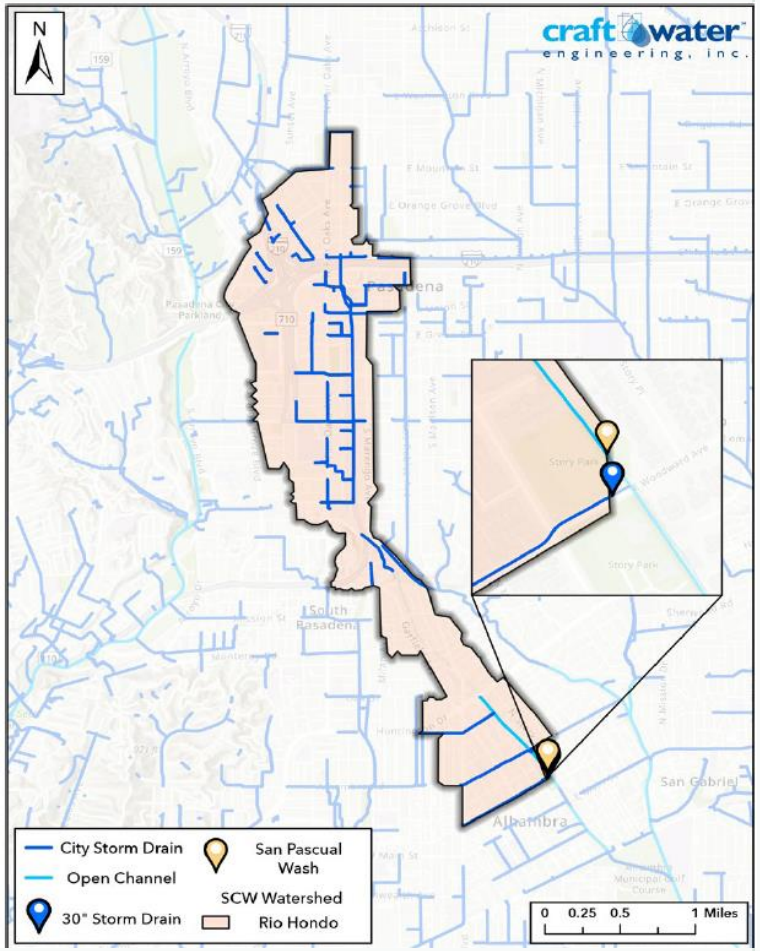
Project Lead: Alhambra

Design includes park amenity upgrades and a subsurface infiltration gallery with diversions from a storm drain and the San Pascual Wash.

Collaborators: *N/A*
Location: 210 N Chapel Ave, Alhambra, CA 91801
Timeline: *Design complete 3/2028 & Construction complete 3/2030*

Key Highlights

- 12.6 average annual acre-feet stormwater captured and recharged
- Project is expected to capture an annual average of over 29.5 lbs. of zinc, as well as other water quality priorities like organics and E. coli
- Bioretention cell will provide 200 sf of permeable surface with new trees for recreational opportunities and an additional 1000 sf of canopy with 3 new trees
- Claims benefit to disadvantaged communities: Yes
- The city held 3 virtual meetings and conducted a survey & have developed an outreach plan for the design phase
- Letters of support: Asian Pacific Islander Forward Movement, American Youth Soccer Organization – Region 60, Alhambra Educational Foundation, East Alhambra Little League, Alhambra City Arts and Cultural Events Commission, Environmental Sustainability Commission



Total funding request: *$1,272,000*

IP – Design Only

Arcadia City Hall Stormwater Capture Project

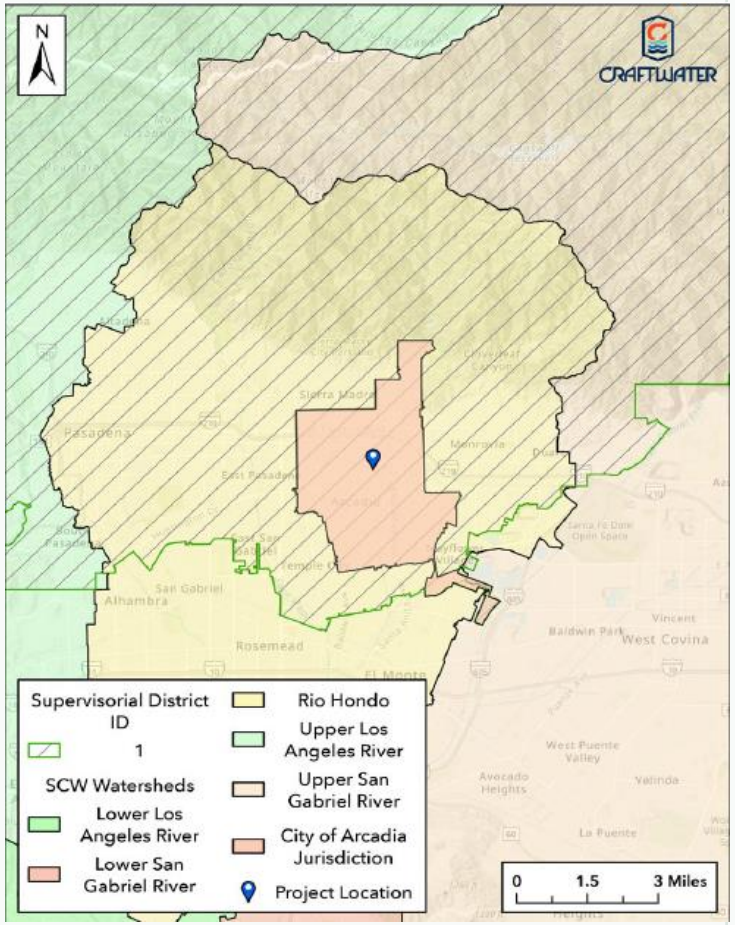
Project Lead: Arcadia

Regional stormwater capture treatment facility, community gardens, and landscaping at Arcadia City Hall.

Collaborators: *N/A*
Location: 240 W Huntington Dr, Arcadia, CA 91066
Timeline: *Design complete 2/2028 & Construction complete 3/2031*

Key Highlights

- 160.06 average annual acre-feet stormwater treated and discharged
- Project expected to capture 77 lbs of zinc per year which is expected to drive reduction of other pollutants by emphasizing sediment control and retention/infiltration
- Addition of 3,136 sf of canopy from 10 new trees which will sequester carbon, reduce heat island effect, and create new passive recreational opportunities for the community
- Claims benefit to disadvantaged communities: No
- Developed outreach and engagement plan that will be implemented during design phase
- Letters of support: SGVCOG, Arcadia Beautiful Commission, Upper SGV Municipal Water District, and Waste Management

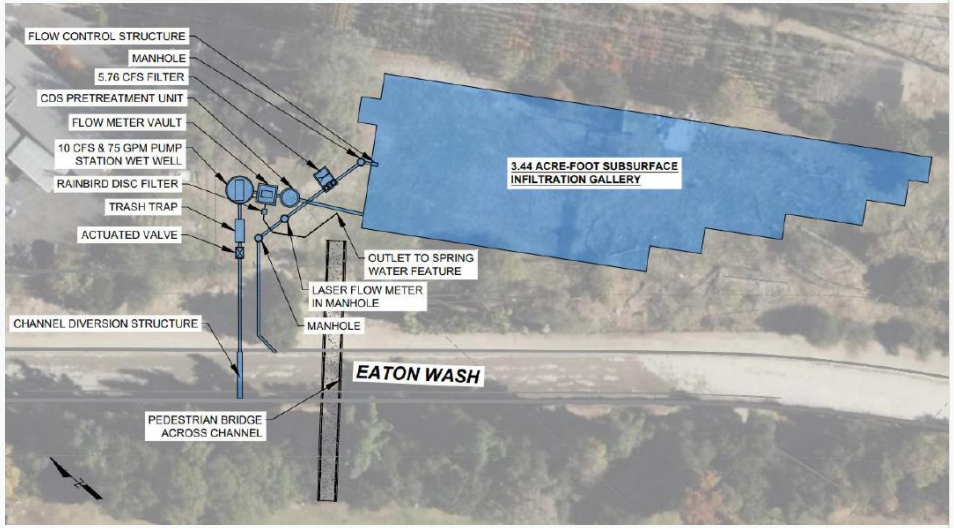


Total funding request: *$19,435,556*

IP – Construction / O&M

Eaton Wash Stormwater Capture Project

Project Lead: Pasadena



Regional stormwater capture and infiltration facility located adjacent to Eaton Wash in Pasadena, CA.

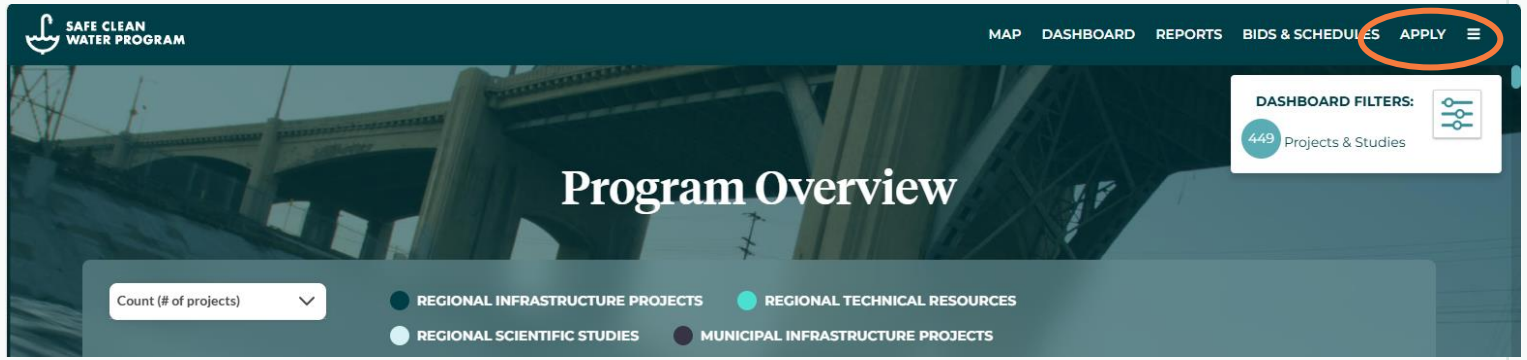
Collaborators: *N/A*
Location: 3160 E Del Mar Blvd, Pasadena, CA 91107
Timeline: *Design complete 12/2026 & Construction complete 12/2029*
Key Highlights

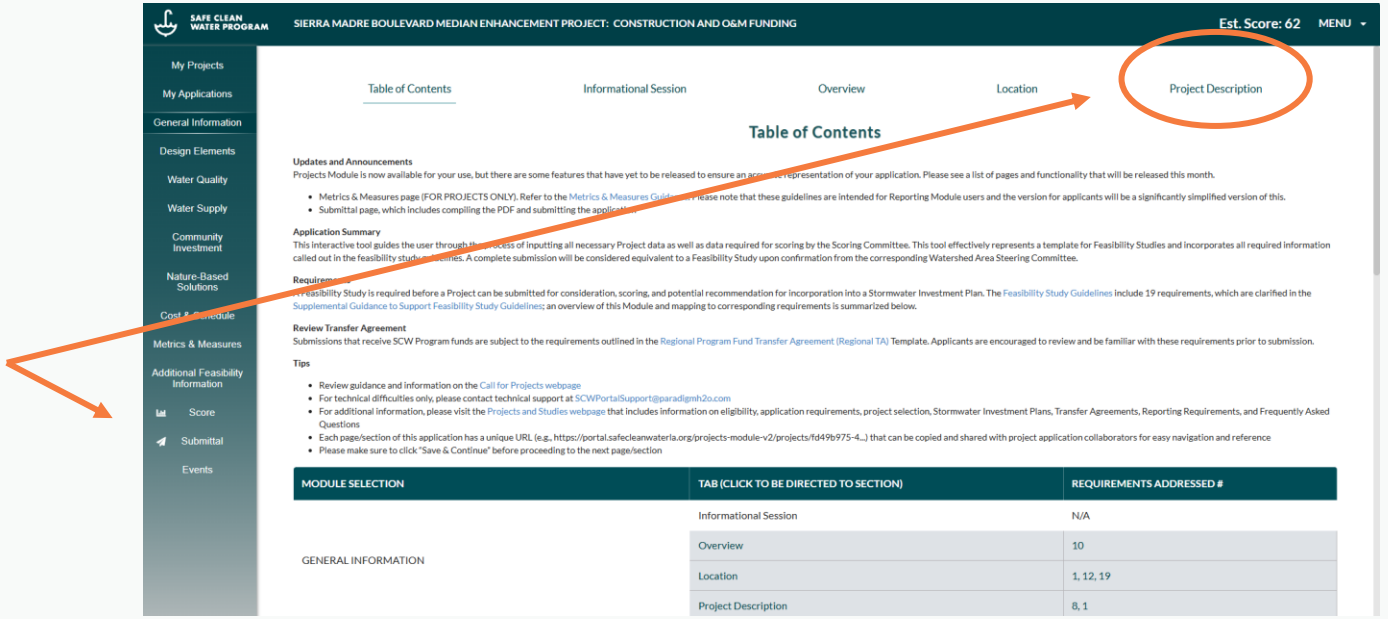
- 39.5 average annual acre-feet stormwater captured
- Project will treat over 307 ac-ft/yr of runoff, removing approximately 87 lbs. of zinc and 8 lbs. of lead per year, and providing an annual average of 116.18 ac-ft of groundwater recharge to Raymond Basin
- Creation of a new passive recreation park with 543 new trees added and new access points to Eaton Wash Channel ROW
- Claims benefit to disadvantaged communities: Yes
- Additional funding from Caltrans
- Engagement through pop-ups, online media outreach, a project website, engagement activities, and focused conversations with residents and CBOs
- Letters of support: Amigos de Los Rios Arlington Garden Boys & Girls Club of Pasadena, Councilmember Gene Masuda, City of Pasadena's Department of Parks, Recreation and Community Services, GroWORKS, Los Angeles County Supervisor, Fifth District, Pasadena Water and Power, and Willard Elementary School

Reviewing Project Applications

"Committee" user permissions allow WASC members to view submitted projects via the "manage all projects" functionality in the Projects Module.

Note: illustrative summaries are included in Project Description tab and compiled PDF submittal





Thank you

QUESTIONS?

Contact the program team at:

www.SafeCleanWaterLA.org

SafeCleanWaterLA@pw.lacounty.gov

1-833-ASK-SCWP (1-833-275-7297)