SAFE CLEAN WATER PROGRAM

INFRASTRUCTURE PROGRAM
FISCAL YEAR 2026-2027

San Jose Creek Greenway Project

UPPER SAN GABRIEL RIVER WATERSHED

APPLICATION TYPE:
DESIGN-ONLY

PRESENTATION DATE:

JANUARY 22, 2025

PROJECT LEAD:

City of Industry

Project Overview

The project spans 10 miles along San Jose Creek, adding a bike path, six green improvements, and LID/BMPs at key intersections.

Project Objectives:

- *Improving water quality within the Upper San Gabriel River Watershed*
- *Achieve MS4 permit compliance*
- *Expand multi-modal transportation*

PROJECT LEAD

City of Industry

SCORING COMMITTEE SCORE

69

PROJECT STATUS

Planning

TOTAL FUNDING REQUESTED

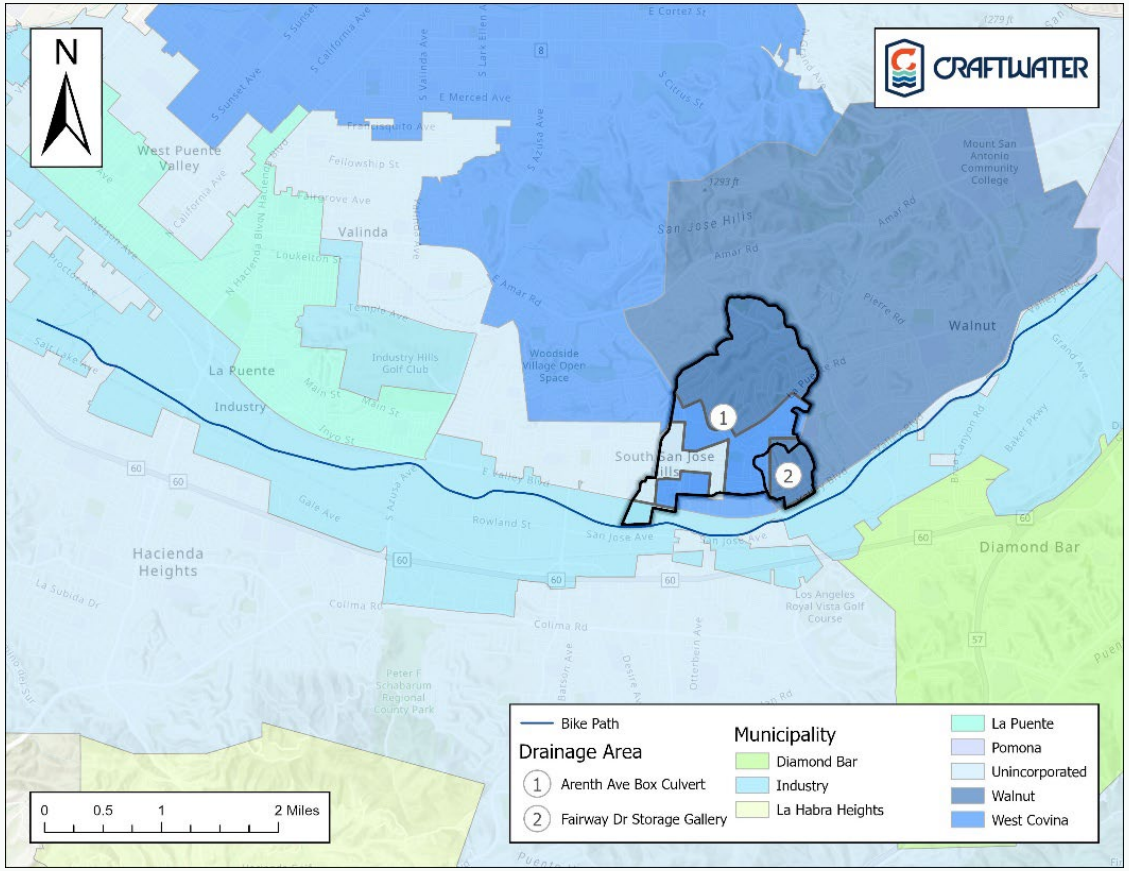
$5,532,000

Funding Request Phase(s): Design

Previously Awarded Technical Resources Project Concept: No

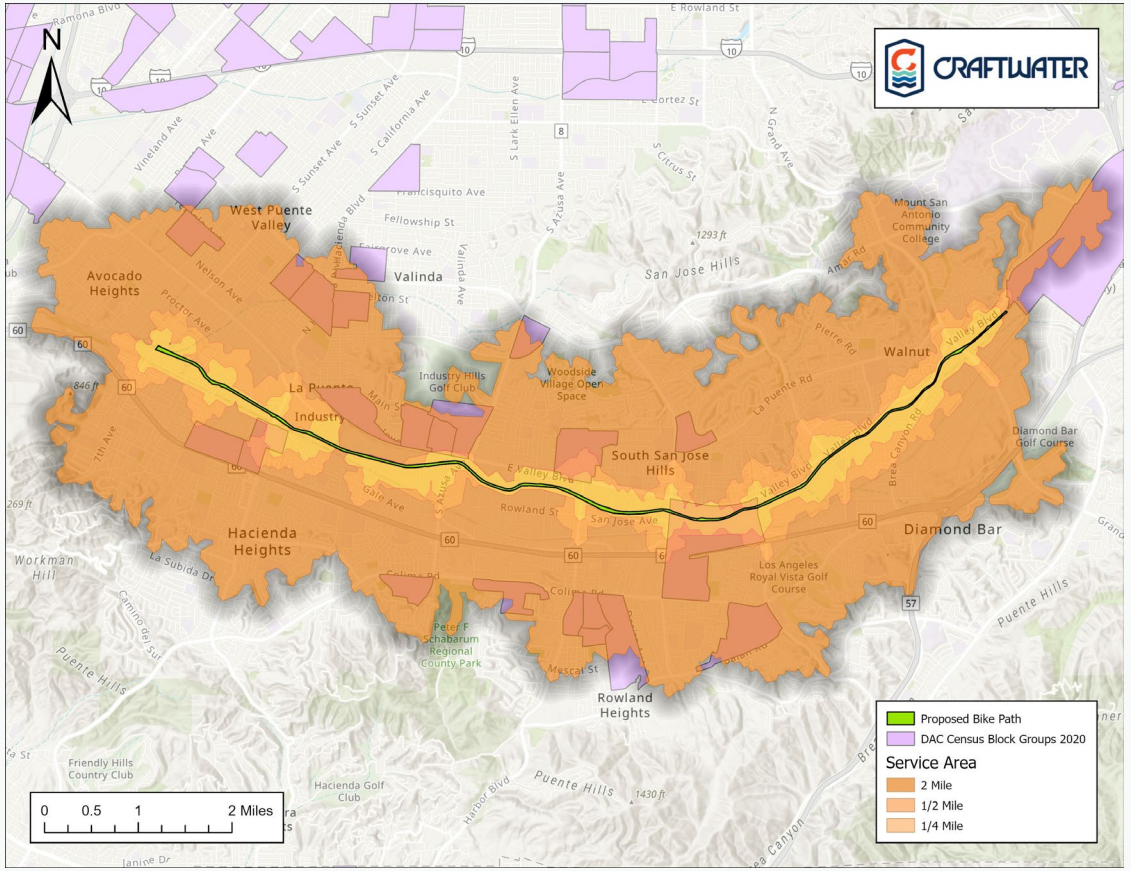
Previously Awarded Instructure Program Project: No

Project Extents



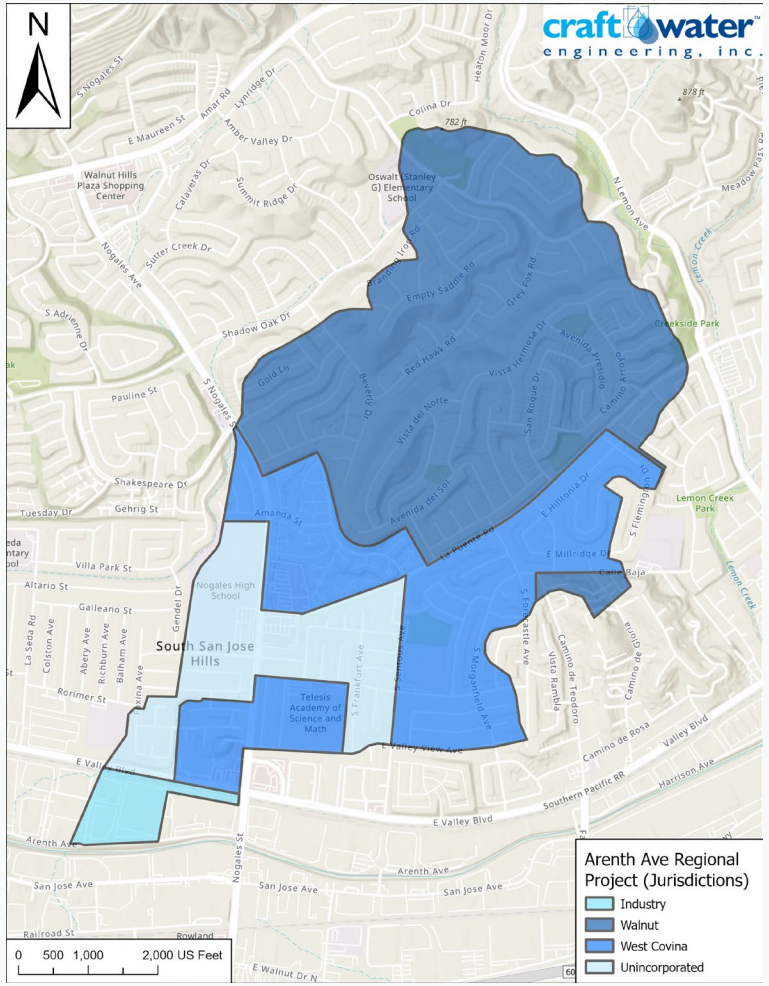
10-Mile Bike Path Extents

DAC Walkshed



10-Mile Bike Path Extents – Disadvantaged Communities

Regional Capture Area



Capture Area and Municipalities

Arenth Avenue Project (Bioretention and Underground Treatment Gallery)

- **Municipalities**
  - City of Industry
  - City of Walnut
  - City of West Covina
  - Unincorporated LA County
- **Capture Area**: 1,019 acres

Capture Area and Municipalities

Fairway Drive Project (Underground Treatment Gallery)

- **Municipalities**
  - City of Industry
  - City of Walnut
  - City of West Covina
  - Unincorporated LA County
- **Capture Area**: 126 acres

Project Background

Why was the Project location selected?

- Well-positioned to capture and treat flows from multiple jurisdictions
  - The City of Industry contains several stormwater outfalls along proposed multi-use bike trail
- Opportunity to improve enhance recreational access to waterways and provide multi-modal transportation options to other planned bicycle networks in the region

How was the Project developed?

- Identified in the San Gabriel Valley Greenway Network Plan to create Countywide network of interconnected, multi-use community greenways
- Increase green spaces in “park poor” and “very high park need” communities by transforming the right-of-way along San Jose Creek
- Design supports WMP compliance by capturing and treating flows from large drainage areas
  - Several treatment types: Diversion to sanitary sewer, treat-and-release facility, bioretention

How will the Project provide regional benefits to the Watershed Area?

- Two regional stormwater capture facilities, which will treat runoff, trash, and pollutants from two outfalls along the San Jose Creek channel

How will the Project provide Disadvantaged Community (DAC) Benefits, if any?

- Water Quality Benefits
- Water Supply Benefits
- Creation of Habitat and Improved Public Access to Waterways
- Reduction of Local Heat Island Effect

DAC Project Extent Population Summary

Service Area	Total Population	DAC Population	DAC Population Percentage
1/4 mile	3,040	1,343	44.2%
1/2 mile	12,326	3,029	24.6%
2 mile	190,746	42,989	22.5%

Partners

Who are the Project collaborators?

Active San Gabriel Valley, San Gabriel Valley Council of Governments

What communities or groups have expressed support for the Project via letters of support?

There are several community organizations that have committed their support of the project. These organizations include:

Active San Gabriel Valley	Asian Pacific Islander Movement
Council for Watershed Health	Day One
Healing and Justice Center	LA Nature for All
San Gabriel Valley Council of Governments	Trust for Public Land

For non-municipality, has the Project received a letter of support or non-objection from the Municipality?

The San Jose Creek Greenway Project is led by the City of Industry.

If requesting construction and/or O&M funds, who is the responsible party in charge of operations and maintenance?

The San Jose Creek Greenway Project is not currently seeking construction or O&M funding.

Partners

If applicable, has the Project received a letter of conceptual approval from the Flood Control District?

- An LACFCD Letter of Conceptual was received on August 11, 2025
  - The LACFCD will continue to be consulted following the completion of this feasibility report as part of the design process given the impacts to LACFCD's right-of-way.

Existing Conditions

Existing Hydrology

- Infeasible to capture the 85th percentile design storm at the Arenth Ave Box Culvert location (**peak flow rate = 35.7 cfs, design storm volume = 23 ac-ft**) from the MTD 1096 storm drain, which encompasses 1,019-acre drainage area
- Feasible to capture the 85th percentile design storm at the Fairway Dr Storage Gallery (**peak flow rate = 5.1 cfs, design storm volume = 2.8 ac-ft**) from the RDD 127 storm drain as well as local surface runoff at the Arenth Ave Box Culvert site (**peak flow = 0.21 cfs, design storm volume = 0.07 ac-ft**)

Proposed Design Approach

- **Regional**: Treats a combined 21 cfs of flow from the RDD 127 and MTD 1096 drains. Implementation will effectively reduce the concentration of fecal indicator bacteria, metals, nutrients, and organics in San Jose Creek.
- **Local**: Implements a bioretention box featuring biofiltration that will discharge into San Jose Creek.

Project Details

Current Site Conditions

- This section of the City and San Jose Creek falls within a significantly impacted area, and is in an area of highest environmental burden, as well as health and socioeconomic status
- Lacks a bike path that would allow residents to connect to the existing San Gabriel River trails

Land Ownership/Right-of-Way

- 10-mile length of the proposed bike path transitions between City of Industry property and LACFCD ROW
- Various green space limits fall within multiple ROWs

Potential/Future Constraints

- Infiltration not feasible
  - **High groundwater**: Arenth Ave Bioretention & Arenth Ave Box Culvert
  - **Poor Soil Conditions**: Fairway Drive Storage Gallery
- Possible traffic concerns for surrounding industrial operations
  - Construction will require temporary lane closures, traffic control, and limited pedestrian access

Environmental Documents and Permits

- Environmental Documentation
  - CEQA – Anticipated Mitigated Negative Declaration (MND)
- LACFCD Permits
  - Major Modification Permit: Required for installing diversion structure within LACFCD-owned facilities.
  - Encroachment Permit: Required when a project encroaches within LACFCD ROW
  - Discharge Permit: Required for discharging treated non-stormwater into an existing LACFCD facility.
- Additional Regulatory Permits
  - Greater LA County Vector Control District: Mosquito abatement review for potential standing water/ponding.
  - SCAQMD Rule 403: Fugitive dust control compliance required during construction activities.
  - SWRCB Construction General Permit: Required for soil disturbance over one acre; SWPPP must be prepared.
  - City of Industry construction permit for work done within city limits
  - City of Industry Public Works Department for utility work in the public ROW

Project Details

Technical Activities Completed

- Desktop Geotechnical Analysis
- Stormwater Capture Strategy Memorandum
  - Covers diversion location, rates, storage size, and outflow rates.
- Site Access/Right-of-Way Review
- Utility Data Review
- Feasibility Study

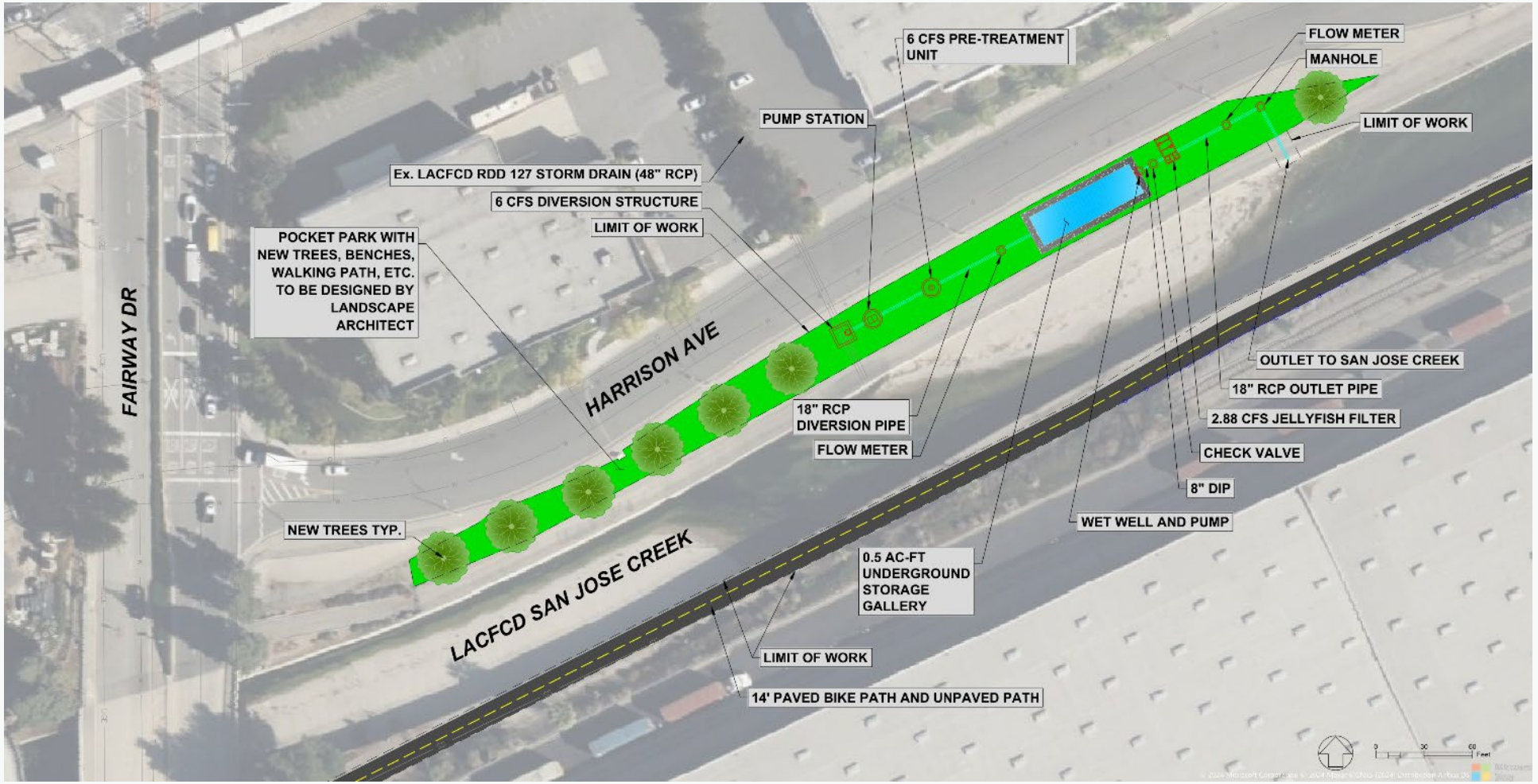
Vector Minimization Measures

- The following are the potential mitigation measures to reduce vectors (and have been accepted by the Greater Los Angeles County Vector Control District in other projects).
  - Incorporating best vector control practices.
    - Sealing sumps, vaults, and/or basins that hold water longer than four days
    - Using closed pick hole manhole covers for maintenance manhole covers
    - Tight fitting covers with gaps or holes no greater than 1/16-inch
    - The system includes provisions for rapid dewatering if needed for emergency control of mosquitoes.

Project Schematic

Conceptual layout for the Arenth Ave Box Culvert

Project Schematic

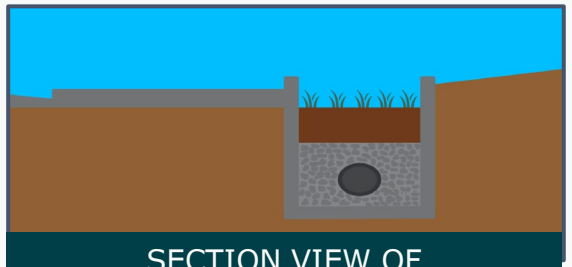


Conceptual layout configuration for the Fairway Dr Underground Storage Gallery

Project Schematic

Conceptual layout configuration for the Arenth Ave Bioretention Box

Project Benefits



SECTION VIEW OF BIOFILTRATION PLANTERS

UNDERGROUND STORAGE GALLERY

NEW BIKE PATH

- **Water Quality** improvement in USGR by treating stormwater and urban runoff
- **Nature-Based** – Soil filtration process through engineered stormwater planters
- **Corridor Enhancements** – 10-mile bike path and numerous new greening areas

Cost and Schedule

PHASE	DESCRIPTION	COST	COMPLETION DATE
Planning	Feasibility Study	$114,000	02/2024
Design	Final Design (30/60/90/100)	$4,552,000	01/2027
Design	Public Outreach during Design	$150,000	02/2027
Design	Environmental Planning (CEQA) and Permitting	$402,000	01/2027
Design	Agency Management (Design)	$428,000	01/2027
Construction	Construction Cost	$53,552,000	04/2029
Construction	Construction Administration and Design Support	$5,355,000	04/2029
Construction	Construction Survey	$150,000	04/2029
Construction	Agency Management (Construction)	$910,000	04/2029
TOTAL COST		**$65,613,000**	

Cost and Schedule (Continued)

ANNUAL COSTS	
Annual Maintenance Cost	$373,900
Annual Operation Cost	$87,100
Monitoring Costs	$70,000

LIFE-CYCLE COSTS	
Project Life Span	50 Years
Total Life-Cycle Cost	$78,353,761.28
Annualized Life-Cycle Cost	$3,265,569.95

Cost Share

- The City of Industry acknowledges that eligible expenditures are only those incurred after November 7, 2018 for this project.
- The City of Industry has evaluated other sources of funding for this project.
  - **Planning Phase Cost Share. Active SGV provided $113,690 to fund this feasibility study.**
  - **Design Phase Cost Share. The City of Industry will continue to pursue additional funding sources to support the design costs of this project.**
  - **Construction Phase Cost Share. The City of Industry will continue to pursue additional funding sources to support the construction costs of this project.**

WASC Watershed Coordinator and the Watershed Group are also involved in seeking alternative funding.

- Total Cost Share: $0
- Leveraged Funding Percentage: 0%

Funding Request

YEAR (FISCAL YEAR)	SCW FUNDING REQUEST	PHASE	EFFORTS DURING PHASE AND YEAR
Year 1 (FY 2026-27)	$402,000	Design	Environmental Planning (CEQA) and Permitting
Year 1	$4,552,000	Design	Professional Design Services (30/60/90/100)
Year 1	$150,000	Design	Community Outreach during Design
Year 1	$428,000	Design	Agency Project Management (Design Phase)
TOTAL	**$5,532,000**	—	—

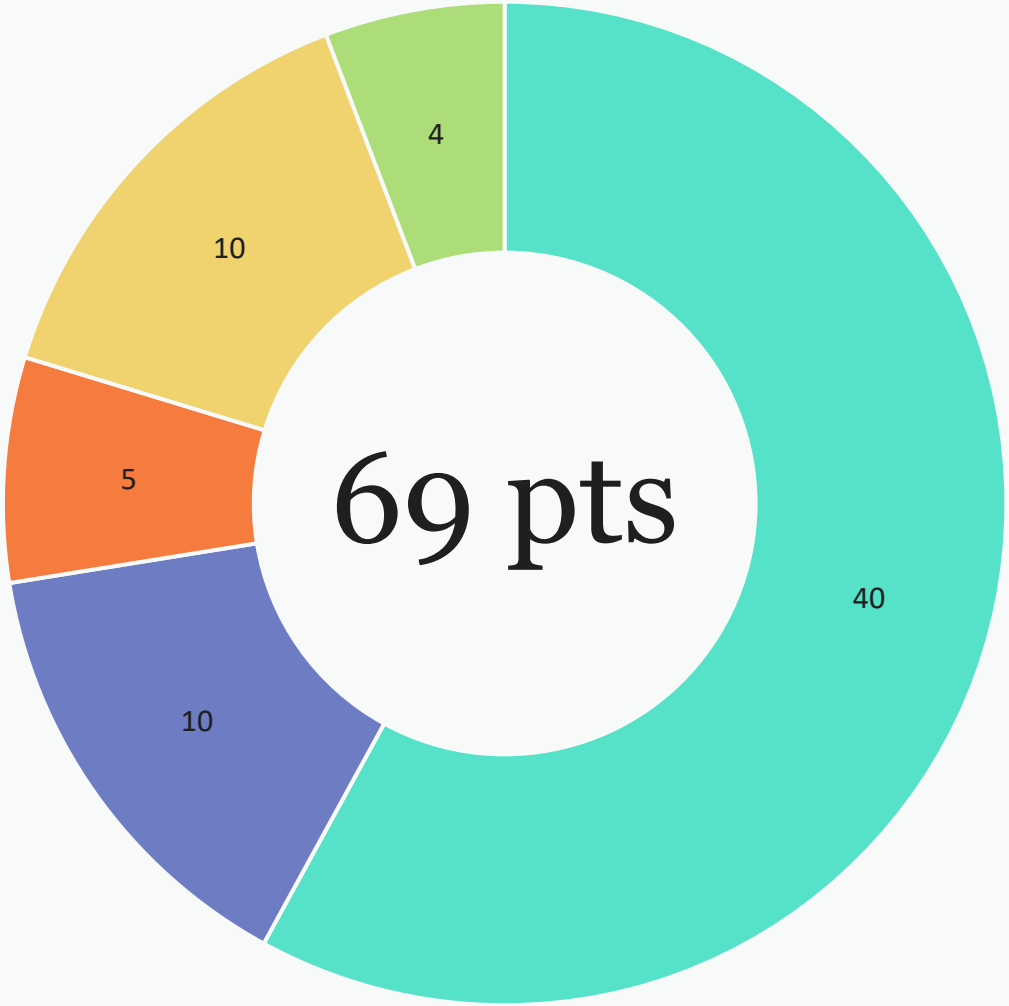
- Potential Future SCW Funding Request: Yes. Construction Funds up to $60M (Pending Cost Share)

Metrics & Measures

	PROJECT BENEFIT METRICS	METRIC
Improve Water Quality	Zinc load reduction (lbs/year)	-
	Total Phosphorous load reduction (lbs/year)	-
Increase Drought Prepared-ness	Increase Local Water Supply through Stormwater Capture (ac-ft/year)	146.6
	Increase local supply through groundwater recharge and storage (ac-ft/yr)	0
Improve Public Health	Net area of park and green space created (acres)	29.68
	Net area of green space at schools created (acres)	0
	Net area of park enhanced or restored (acres)	0
	Net area of canopy, cooling, and shading surfaces (acres)	3.63
	Net new trees planted	26
Deliver Multi-Benefit Projects	Net area of habitat created, enhanced, restored, protected (acres)	3.63
Promote Green Jobs & Career	Annual Full Time Equivalent Jobs Created	229.58

Final Score by Scoring Committee

- Water Quality
- Water Supply
- Community Investment Benefits
- Nature Based Solutions
- Leveraged Funds and Community Support

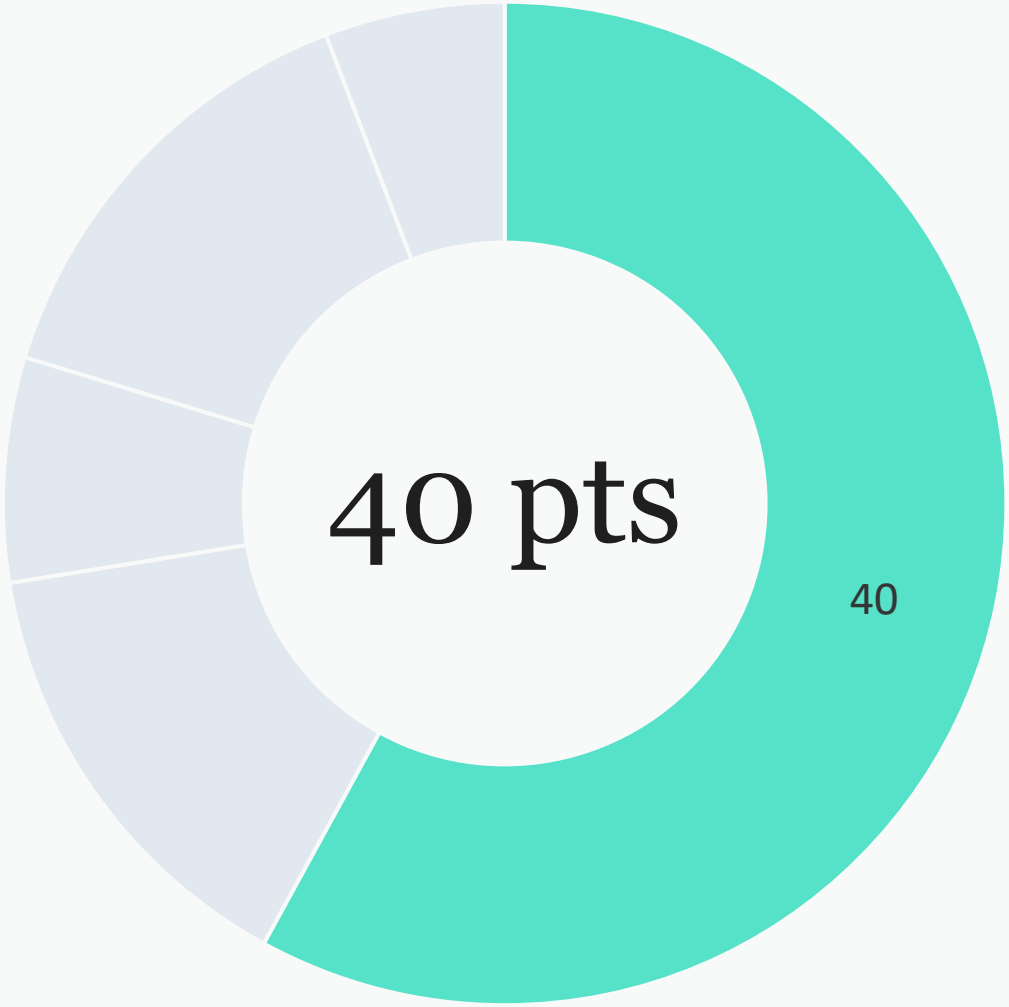


* The Scoring Committee confirmed this score on December 1, 2025

Score Breakdown

Water Quality

- This project's water quality section was scored based on the pilot scoring criteria. The Water Quality Benefit scoring criteria has two parts:
  - For dry weather projects, designs must capture, infiltrate, treat and release or divert 100% of dry weather flows: This project achieves this criterion, earning a score of **20 points**.
  - For dry weather BMPs only, score is contingent on the BMP size in acres: This projects tributary size is larger than 200 acres, earning a score of **20 points**.
- Grand Total of **40 points** for the Water Quality Section



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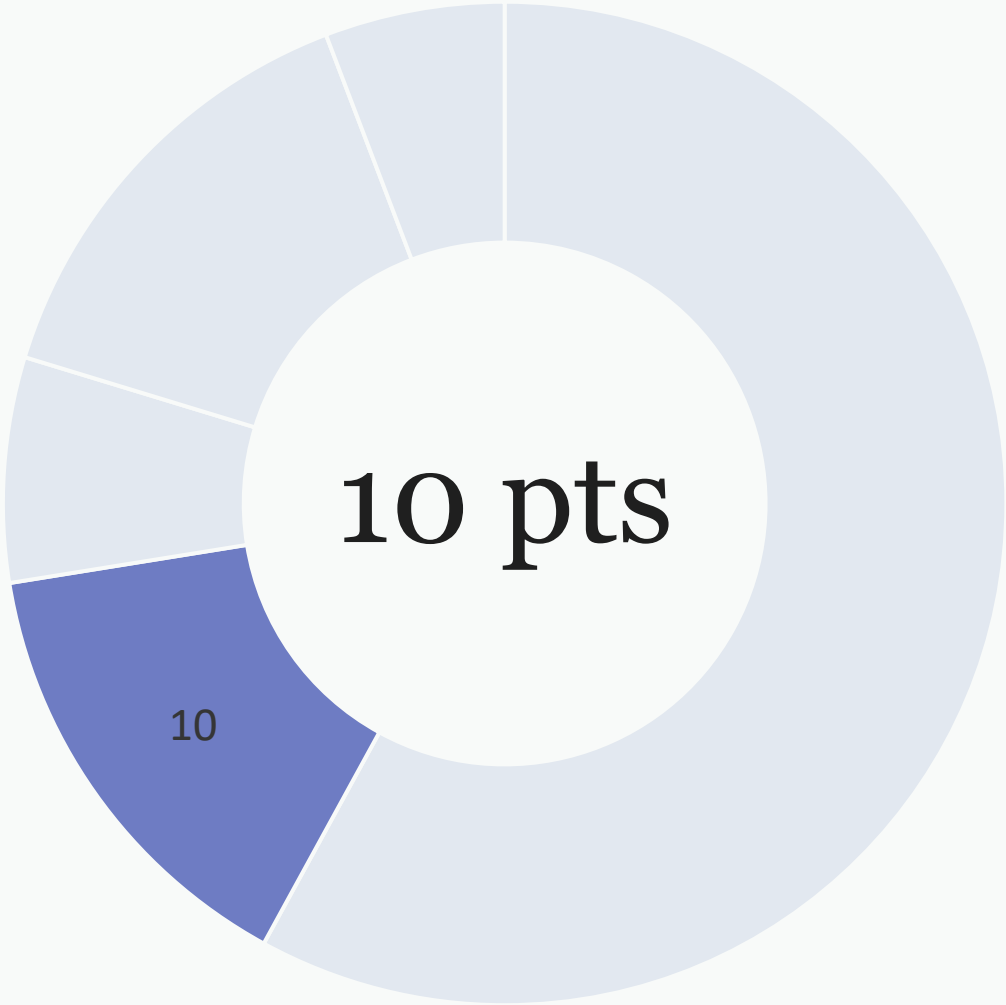
Score Breakdown

Water Supply

- This project's water supply section was scored based on the 2025 pilot scoring criteria. The Water Supply Benefit pilot scoring criteria have two parts:
  - Water Supply Cost Effectiveness: This project's cost-effectiveness score is $30,180,87/ac-ft, resulting in a score of **3 points** under the Water Supply Cost Effectiveness section.
  - Water Supply Benefit Magnitude: This project's yearly additional water supply volume has been modeled to be 108.2 ac-ft/year. This qualifies the project for **7 points** under the Water Supply Benefit Magnitude section.
- Grand Total of **10 points** for the Water Supply Section



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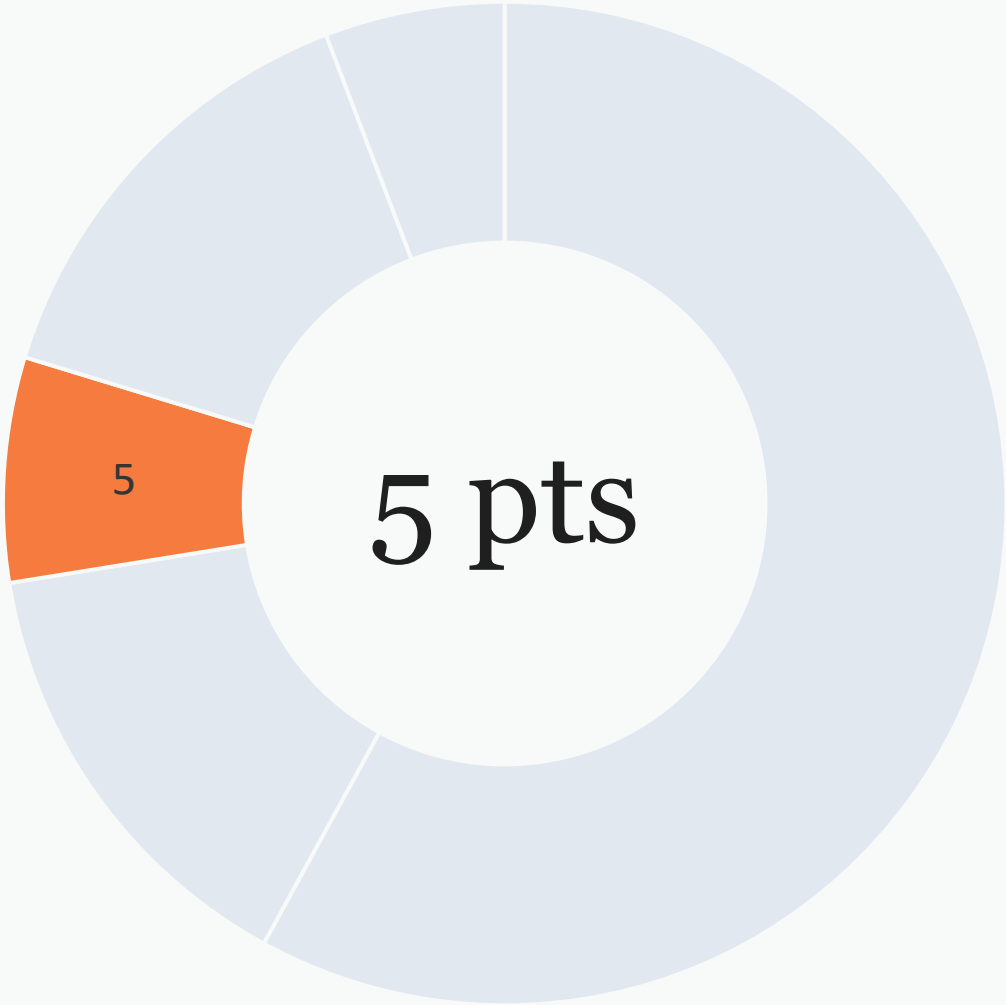
Score Breakdown

Community Investment Benefits

The project will provide community investment benefits for the following criteria:

- Parks, habitat, or wetland creation
- Public access to waterways
- Create or enhance new recreational opportunities
- Reduce local heat island effect
- Tree count/shade increase

Because the project provides five community benefit opportunities, the project is estimated to **receive 5 points** for the community investment benefits section.



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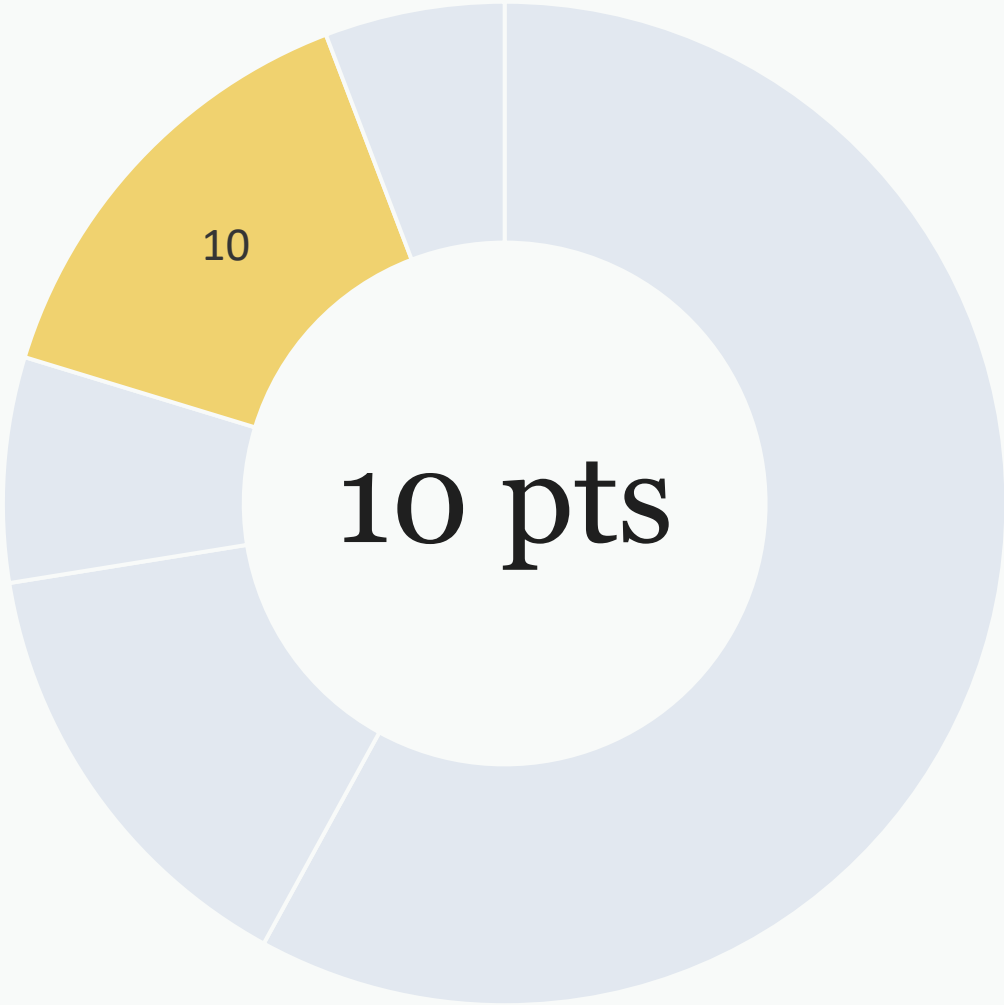
Score Breakdown

Nature-Based Solutions

The following project elements leverage nature-based solutions:

- **Vegetation/Green Space**
  - Native vegetation and new trees
    - Approximately 10% of the project area will be covered with green infrastructure
- **Natural Processes**
  - Implement mulch and compost to help retain moisture, suppress erosion, and support microbial activity

Overall, the project earned **10 points** for the nature-based solutions section.



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Score Breakdown

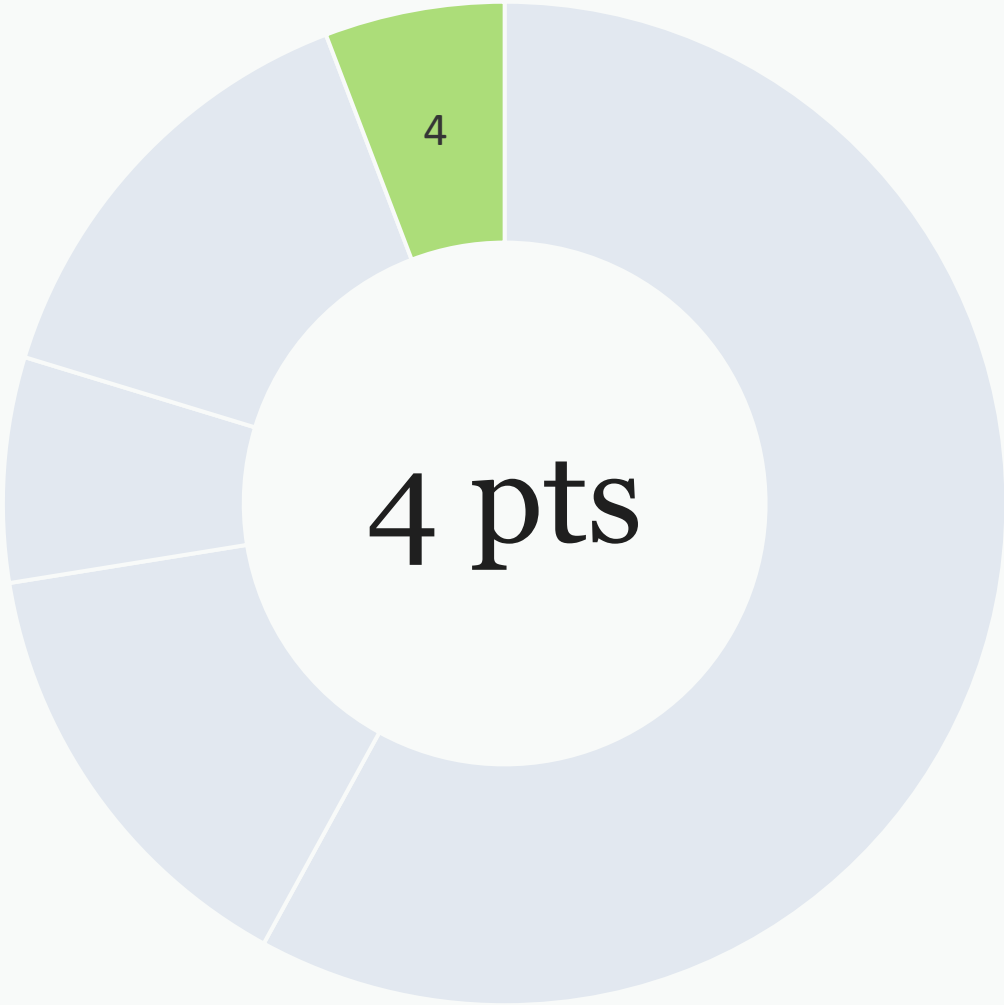
Leveraged Funds and Community Support

This project concept was done in collaboration with Active SGV and has garnered strong community backing, receiving letters of support from 8 local organizations-a reflection of the project's alignment with community priorities and its ability to deliver meaningful, multi-benefit outcomes.

This project is a part of the San Gabriel Valley Greenway Network Plan:

- 212,000 social media impressions
- 80 community events
- 8 community workshops
- 2,300 survey responses

With this, the project is estimated to receive **4 points** under the Community Support section.



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Thank you

QUESTIONS?

Joahua Nelson, City of Industry

Merrill Taylor, Craftwater