SAFE CLEAN WATER PROGRAM

INFRASTRUCTURE PROGRAM
FISCAL YEAR 2026-2027

# ESGVWMG Drywells Project

UPPER SAN GABRIEL RIVER WATERSHED AREA

APPLICATION TYPE:
DESIGN-ONLY

PRESENTATION DATE:
FEBRUARY 26, 2026

PROJECT LEAD:

City of Pomona
Anthony Ortega
Gurjot Kohli

# Project Overview

Four drywells are proposed to capture/infiltrate dry weather flows at existing outfalls into San Jose Creek and Marshall Creek

**Project Objective**

- Capture and pretreat dry weather flows to achieve compliance with dry weather Bacteria TMDL
- Enhance water supply by providing opportunities for groundwater recharge through infiltration

PROJECT LEAD

City of Pomona

SCORING COMMITTEE SCORE

63

PROJECT STATUS

5% Design

TOTAL FUNDING REQUESTED

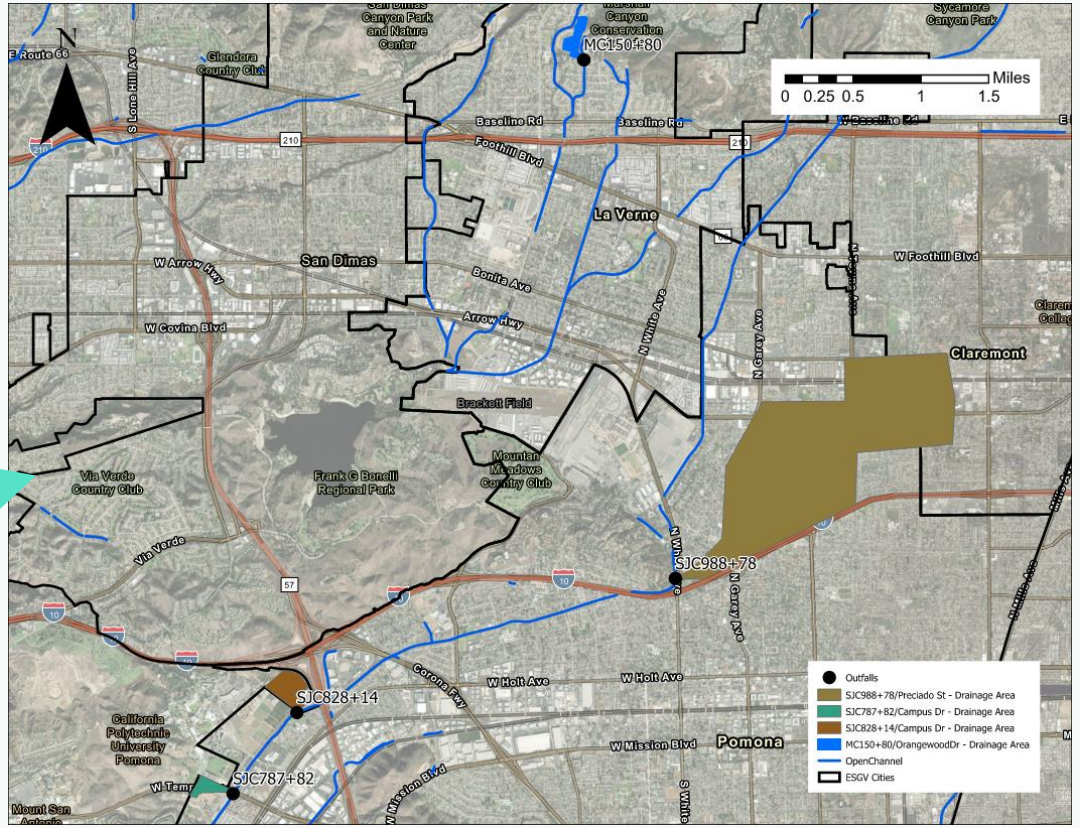
$350,000

Funding Request Phase(s): Planning, Design

Previously Awarded Technical Resources Project Concept: No

Previously Awarded Instructure Program Project: No

# Project Location

# Project Background

**Why was the Project location selected?**
Project Locations were selected based on a monitoring study conducted in 2023 to determine outfalls with regular exceedances in the dry weather bacteria TMDL and these drywells are meant to intercept and infiltrate these flows.

**How was the Project developed?**

Out of the 20 sampled outfalls, 10 were identified as priority outfalls based on measured exceedances. Out of the 10 priority outfall locations, there are seven strategic outfalls that outfall into the receiving water with opportunities to route low flows into drywell systems. The East San Gabriel Valley Watershed Management Group (ESGVWMG) is proposing to implement drywells by June 14, 2026 to meet the dry weather bacteria deadline, pending the passage of a TSO.

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

The project will provide the benefit in reduction of pollutants discharged into the San Jose Creek and additional tree plantings along the drywell areas.

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

Project locations surround the City of Pomona which is primarily a DAC.

# Partners

**Who are the Project collaborators?**

City of Pomona and City of La Verne within the ESGVWMG

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

Six Basins Watermaster provided a letter

Pomona Unified School District has indicated support

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

Yes, the project received FCD approval on 7/31/2025 for diverting flows from BI 0266 (a 93 inch RCP).

# Project Details

## Current site conditions, land ownership/right-of-way, and potential/future constraints

- The City of Pomona and The City of La Verne will be owners of the project and need the following items
  - Building permit, Grading permit, haul route and soils report required
- Expected a Categorical Exclusion for CEQA requirements
- Expected coordination with LACFCD, California Natural Resources Agency, City of Pomona and City of La Verne

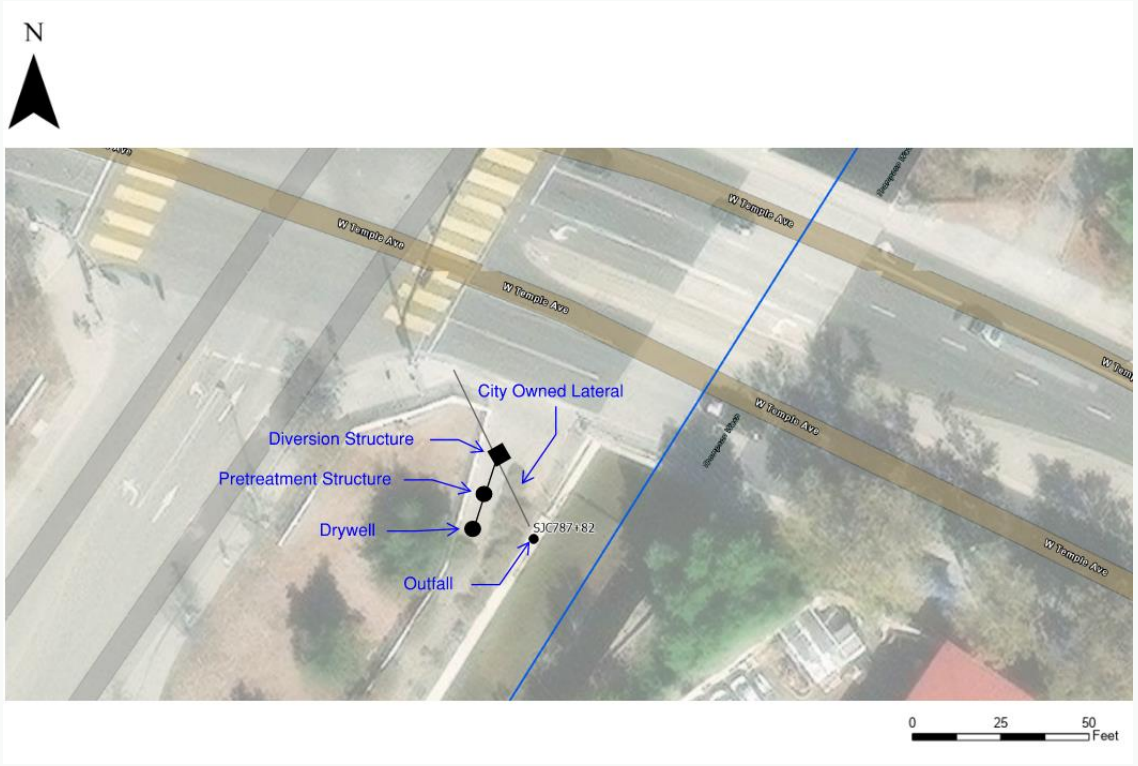
## Technical Activities Completed

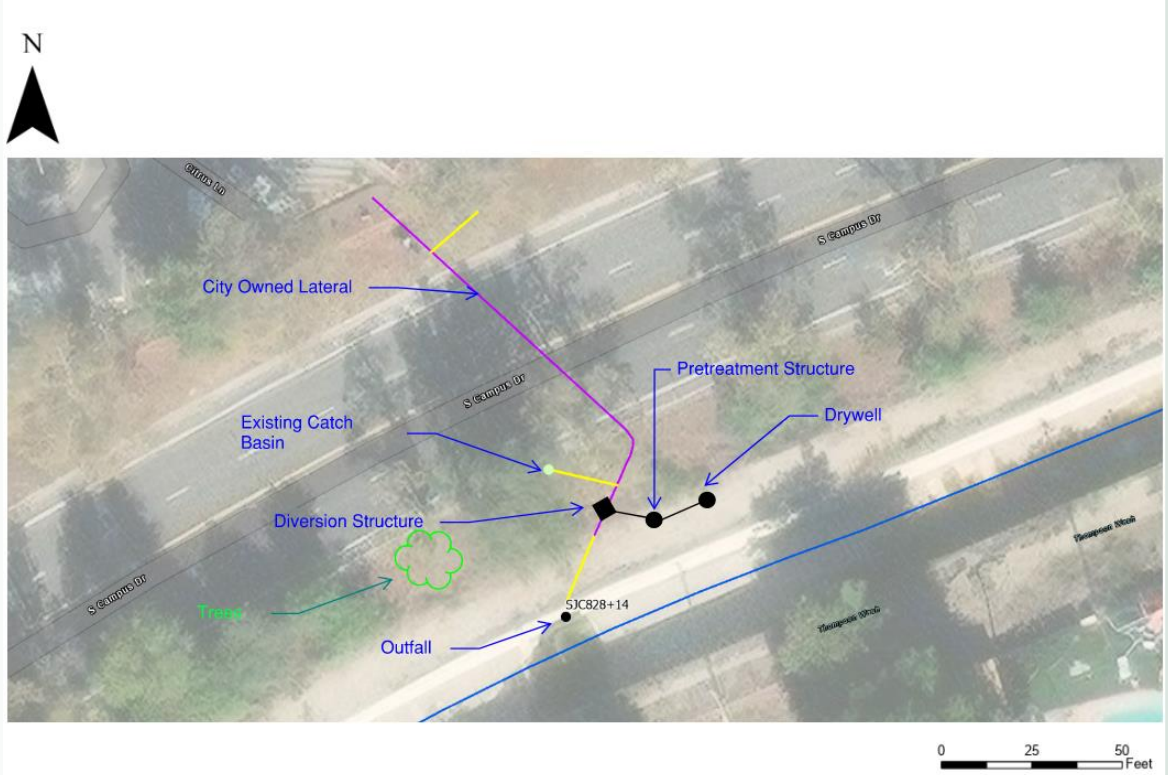
- Geotechnical Investigation for three original priority sites
- Hydrology and Hydraulics calculations
- Right of Way assessments

## Vector Minimization Plan

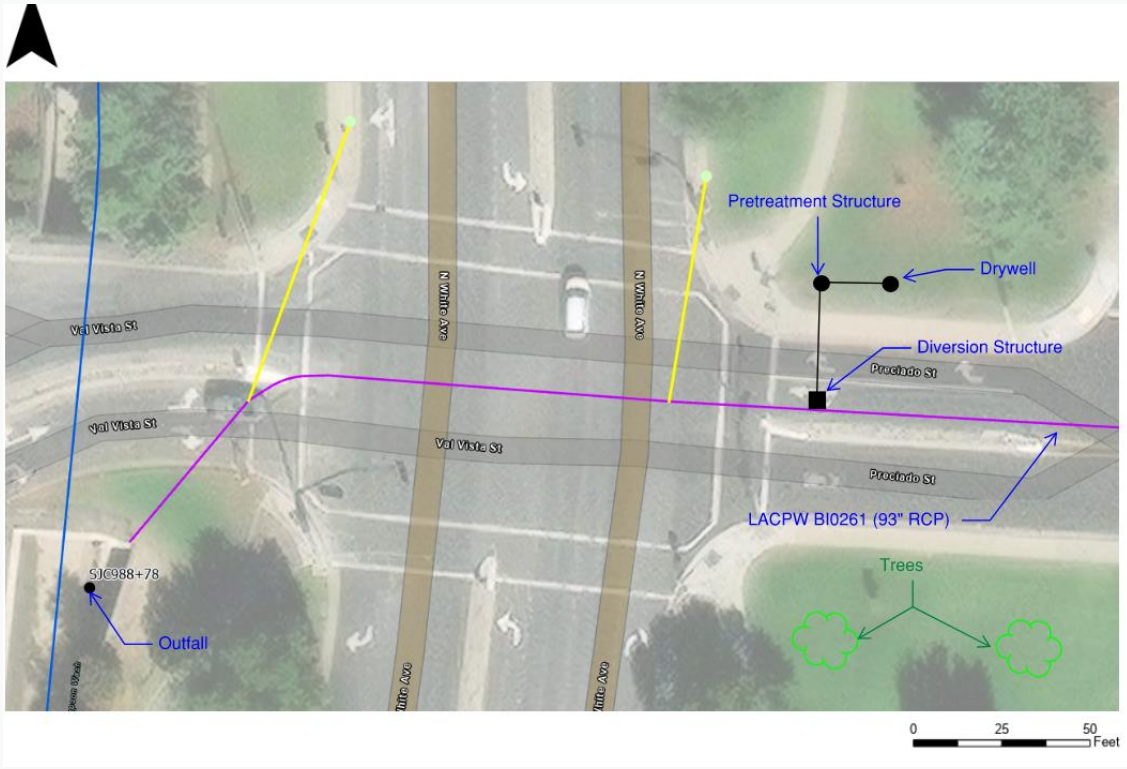
- Project plans and design documents will be sent to Greater LA County Vector Control District (GLACVCD) for review but they have not been contacted at this time.

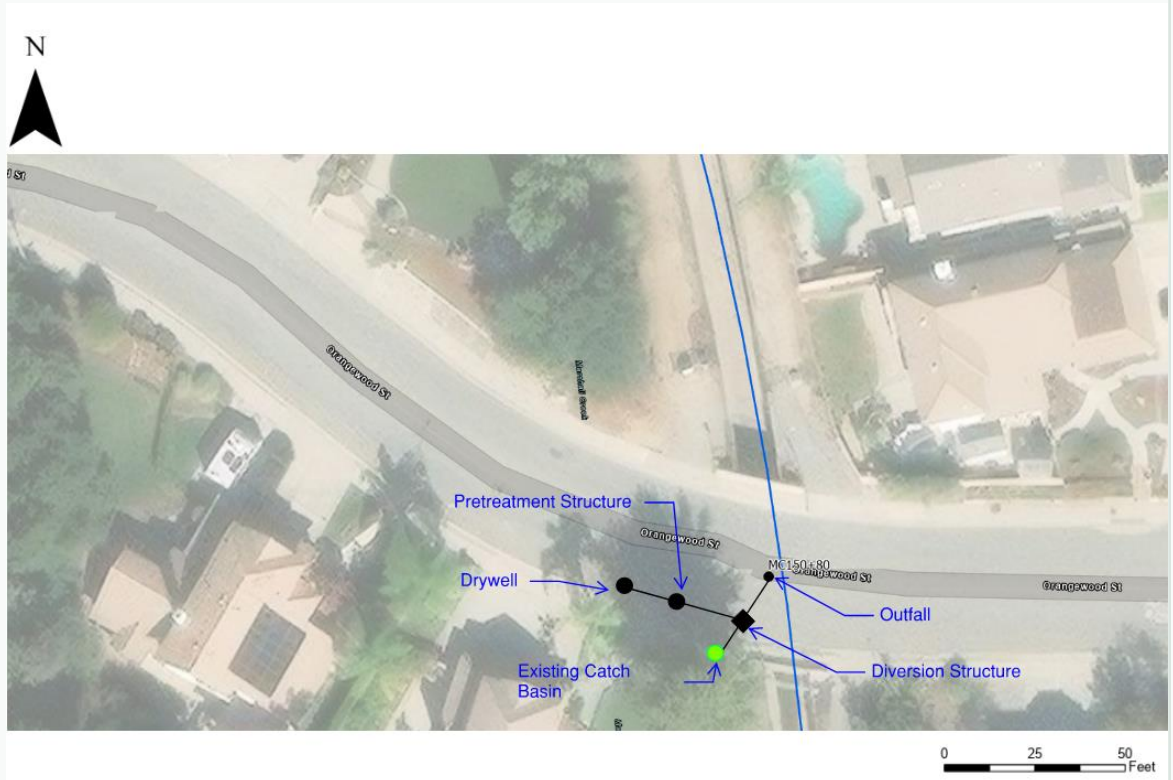
# Project Schematic



# Project Schematic



# Cost and Schedule

| PHASE | DESCRIPTION | COST | COMPLETION DATE |
|---|---|---|---|
| Design | Completion of 30 to 100% Designs | $350,000 | 12/31/2026 |
| Construction | AACE Class 4 Cost Estimate (-20%/+30%) of direct construction cost, indirect cost, environmental/engineering, city cost, and contingency for a drywell at Site **MC150+80** | $560,087 | 07/01/2027 |
| Construction | AACE Class 4 Cost Estimate (-20%/+30%) of direct construction cost, indirect cost, environmental/engineering, city cost, and contingency for a drywell at **SJC 988+78** | $703,800 | 07/01/2027 |
| Construction | AACE Class 4 Cost Estimate (-20%/+30%) of direct construction cost, indirect cost, environmental/engineering, city cost, and contingency for a drywell at **SJC787+82** | $427,902 | 07/01/2027 |
| Construction | AACE Class 4 Cost Estimate (-20%/+30%) of direct construction cost, indirect cost, environmental/engineering, city cost, and contingency for a drywell at **SJC828+14** | $463,168 | 07/01/2027 |
| **TOTAL COST** | | **$2,504,957** | |

# Cost and Schedule (Continued)

| ANNUAL COSTS | |
|---|---|
| Annual Maintenance Cost | $50,000 |
| Annual Operation Cost | $5,000 |
| Monitoring Costs | $5,000 |

| LIFE-CYCLE COSTS | |
|---|---|
| Project Life Span | 30 Years |
| Total Life-Cycle Cost | $3,625,967.06 |
| Annualized Life-Cycle Cost | $194,073.21 |

# Cost Share

| TYPE OF COST SHARE | FUNDING AMOUNT | PHASE | COST SHARE STATUS | BRIEF DESCRIPTION |
|---|---|---|---|---|
| N/A | | | | |

- Total Cost Share: N/A
- Leveraged Funding Percentage: 0%

# Funding Request

| YEAR (FISCAL YEAR) | SCW FUNDING REQUEST | PHASE | EFFORTS DURING PHASE AND YEAR |
|---|---|---|---|
| 1 (FY26-27) | $350,000 | Design | Development of 30% to 100% Design Plans |
| **TOTAL** | **$350,000** | | |

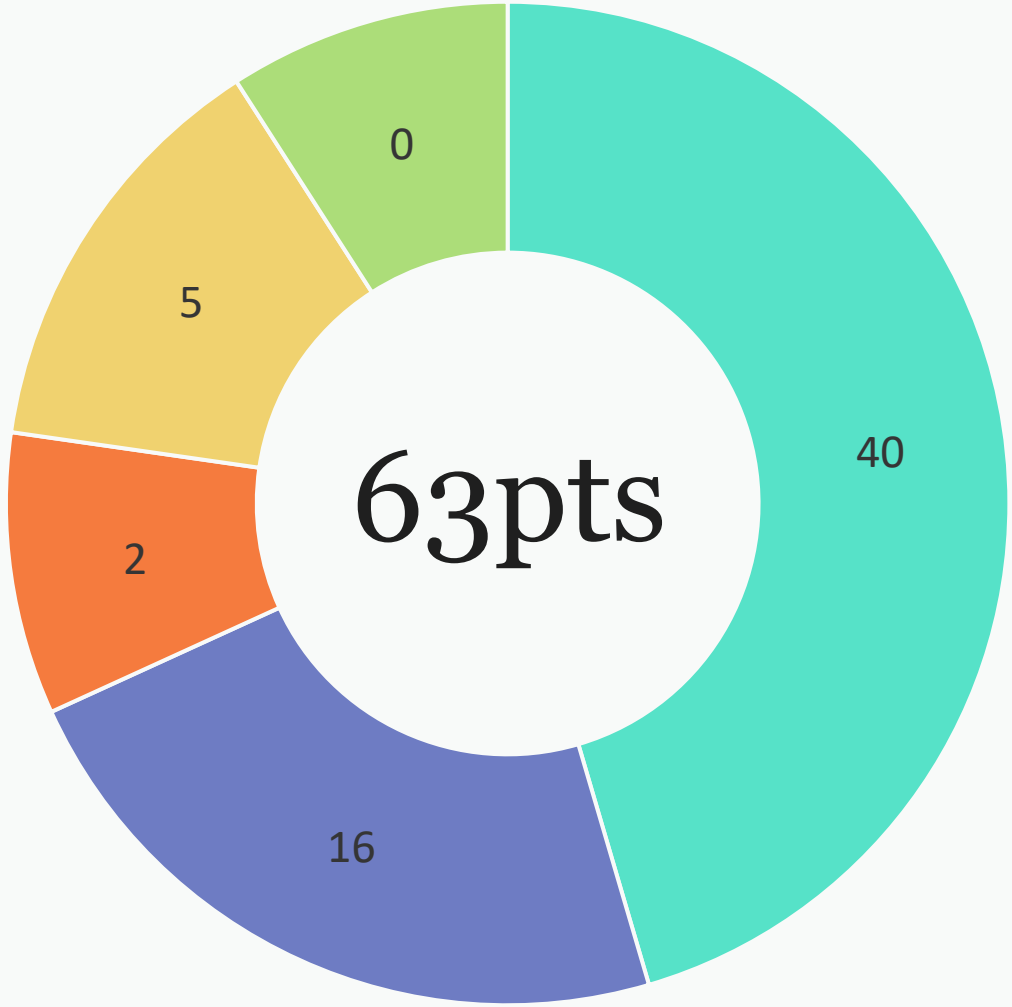
- Potential Future SCW Funding Request: Yes, Year 2: FY 27-28 (Approximately $2,154,957)

# Metrics & Measures

| | PROJECT BENEFIT METRICS | METRIC |
|---|---|---|
| **Improve Water Quality** | Zinc load reduction (lbs/year) | 69 |
| | Total Phosphorous load reduction (lbs/year) | 319 |
| **Increase Drought Prepared-ness** | Increase Local Water Supply through Stormwater Capture (ac-ft/year) | 201 |
| | Increase local supply through groundwater recharge and storage (ac-ft/yr) | 201 |
| **Improve Public Health** | Net area of park and green space created (acres) | 0 |
| | 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) | 0.02 |
| | Net new trees planted | 4 |
| **Deliver Multi-Benefit Projects** | Net area of habitat created, enhanced, restored, protected (acres) | 0 |
| **Promote Green Jobs & Career** | Annual Full Time Equivalent Jobs Created | 10.62 |

# Final Score by Scoring Committee

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

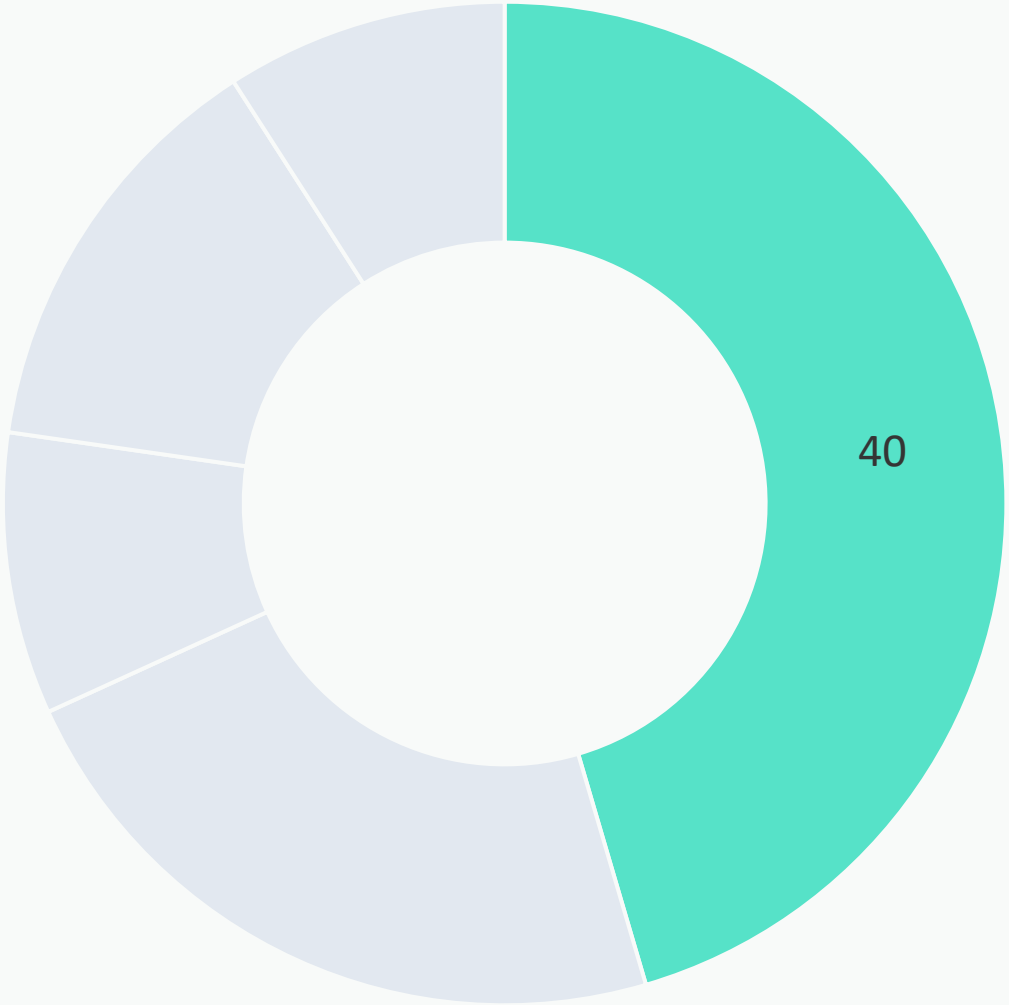



* The Scoring Committee confirmed this score on December 15, 2025

# Score Breakdown

## Water Quality

- The project will be sized to capture and infiltrate runoff associated with the dry weather flow
- **Dry Weather Project**
- Tributary Area: 1001 acres
- 24-hour BMP Capacity: 1.93 ac-ft
- 100% pollutant reduction of all tributary flows

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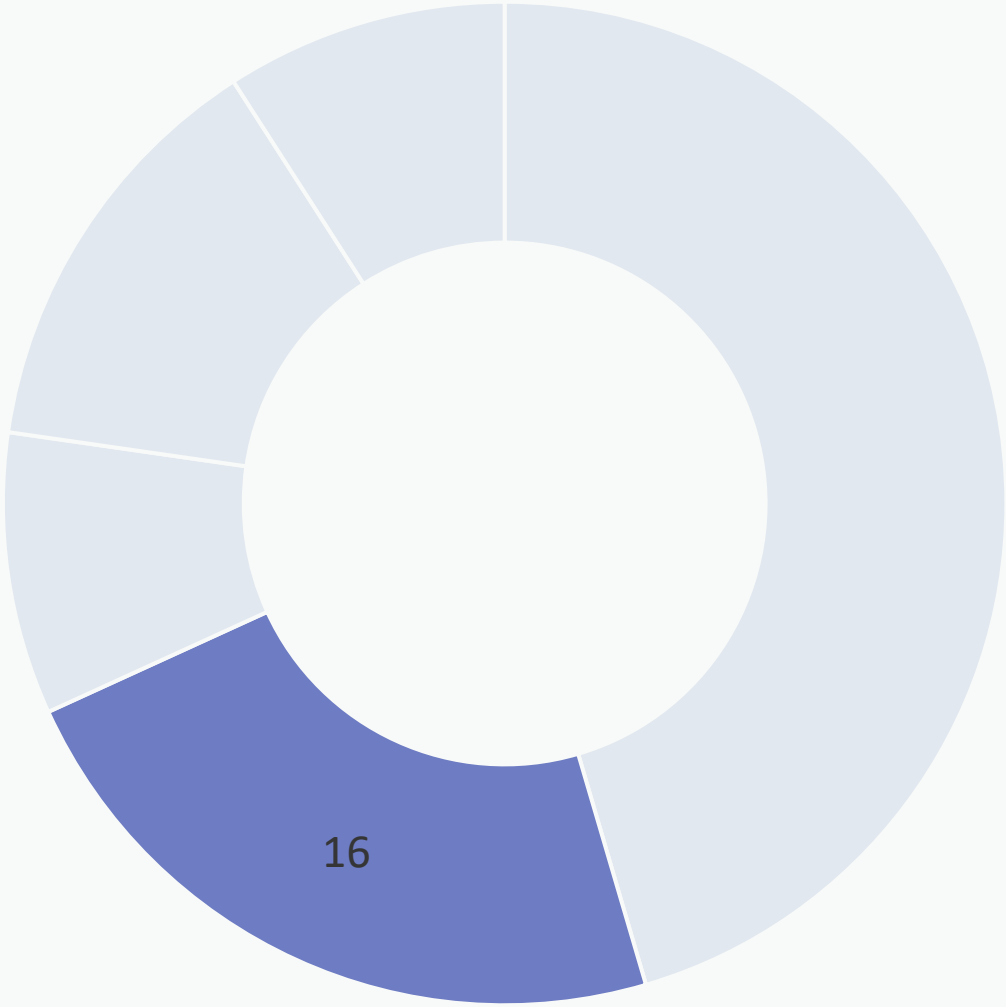
# Score Breakdown

## Water Supply

- Annual Water Supply Volume: 74 ac-ft/yr
- Water Supply Aquifer: Six Basins
  - Received support letter from water master
- Upstream from Whitter Narrows Spreading Ground
- Water Supply Cost Effectiveness: $2,608/ac-ft

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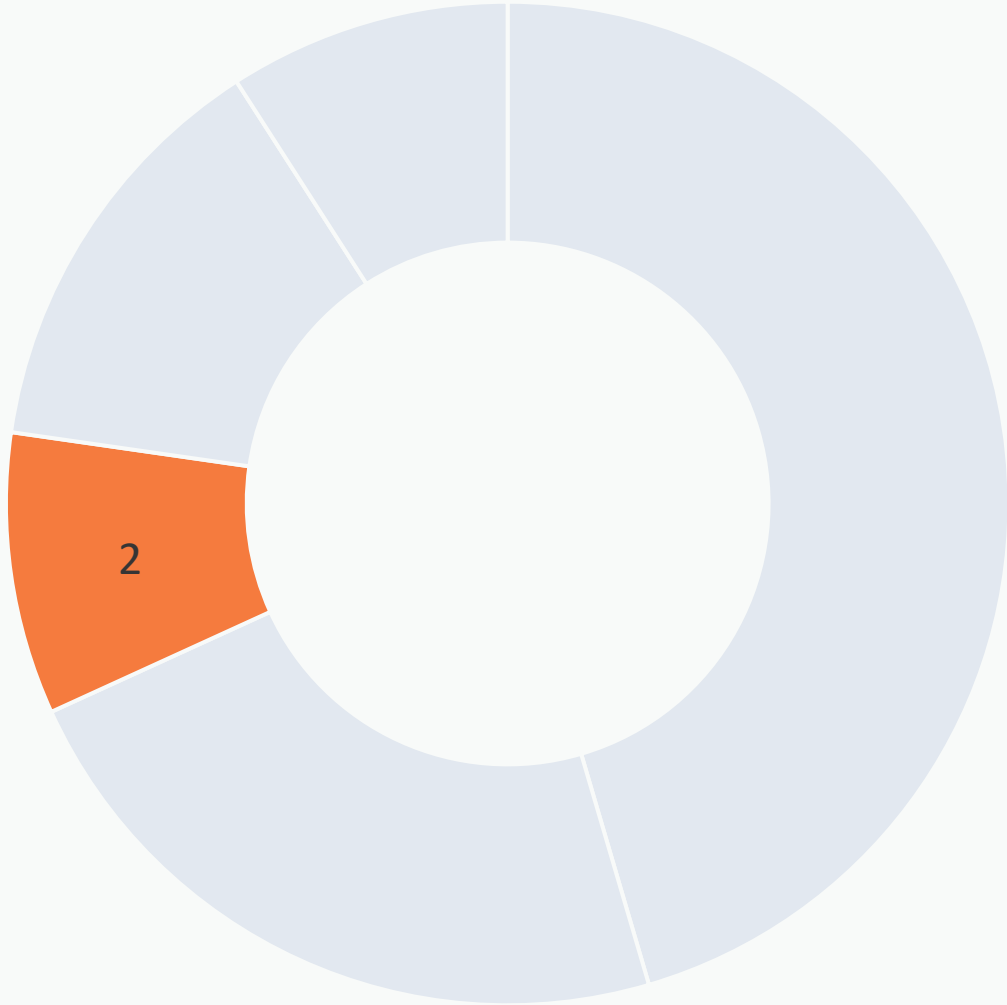
# Score Breakdown

## Community Investment Benefits

- Increase number of trees and vegetation to increase shade and reduce local heat island effects
  - Creation of 4 trees

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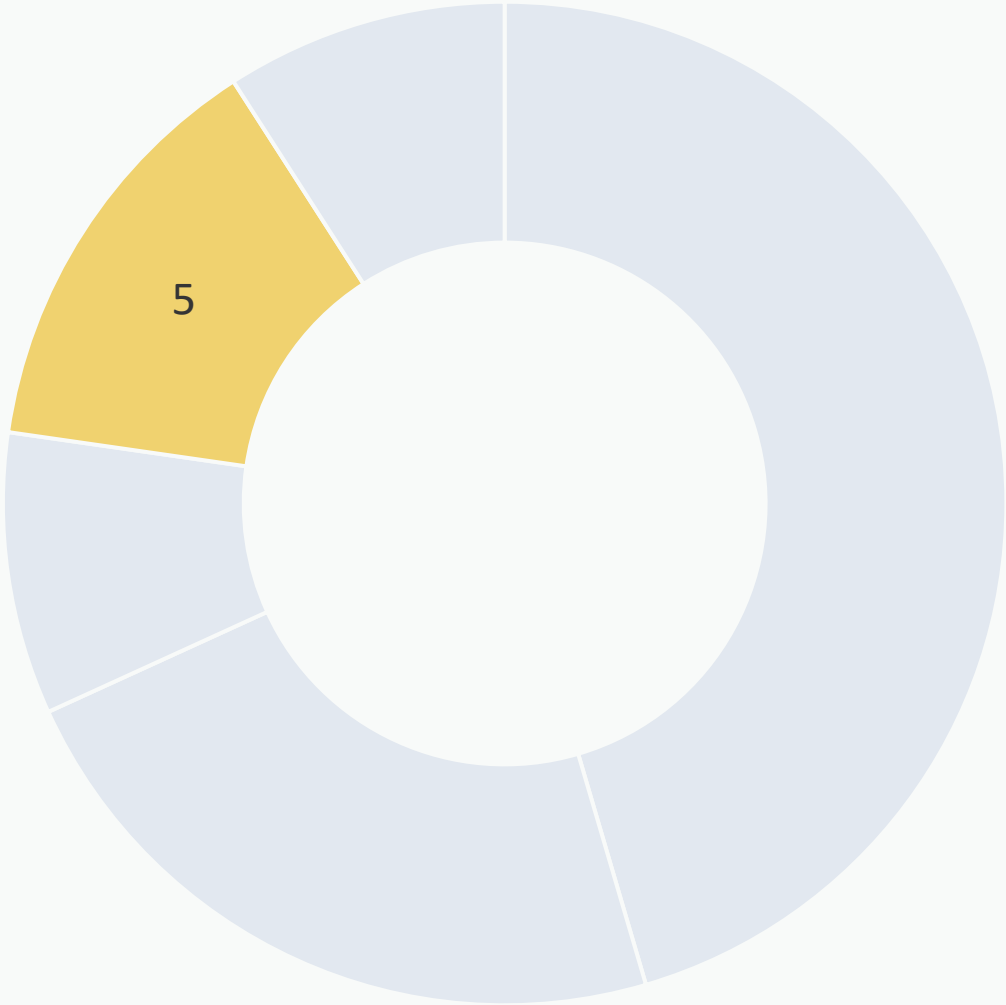
# Score Breakdown

## Nature-Based Solutions

- Installation of a below-ground infiltration system to decrease the impact of pollutants in stormwater
- Addition of native vegetation, including trees and shrubs, and a naturalistic stream
  - Creation of 4 trees and 100 sq ft of canopy

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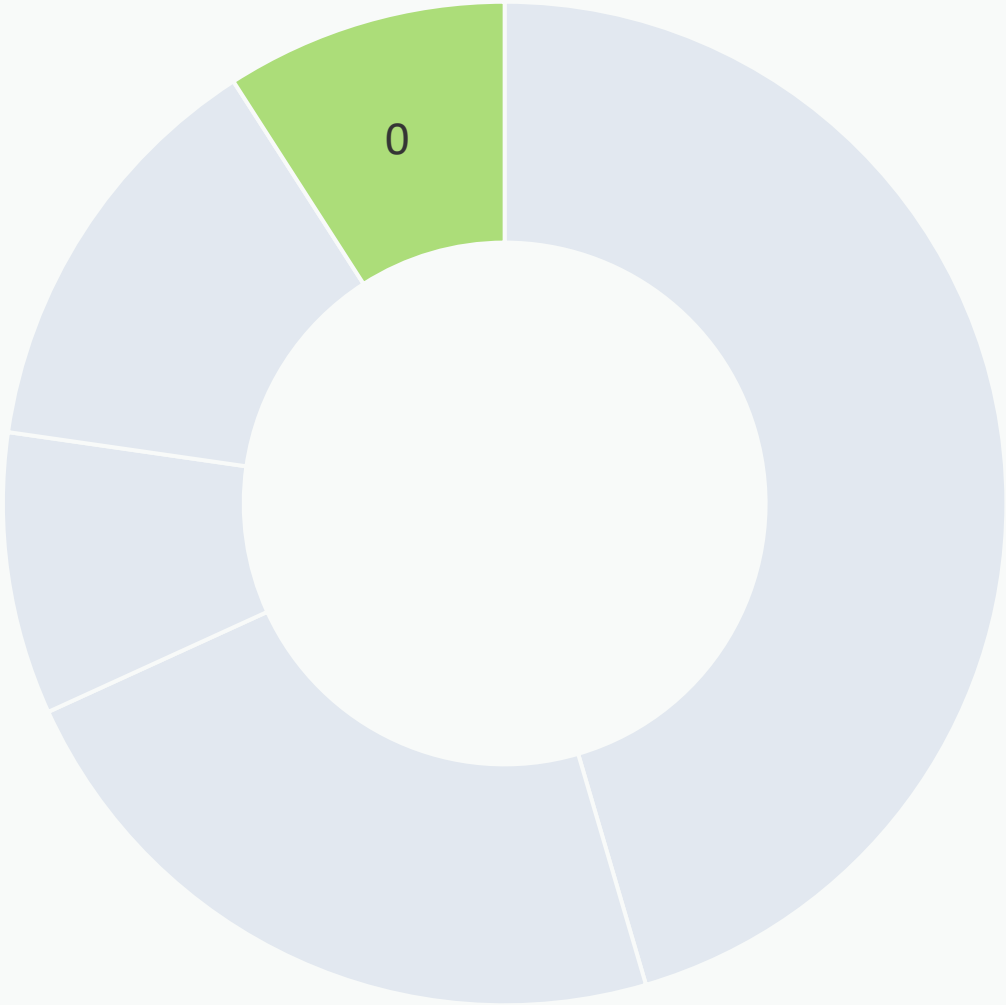
# Score Breakdown

## Leveraged Funds and Community Support

- No leveraged funds for this project
- Contacted Pomona Unified school District for support
- Letter of support from Six Basins Watermaster

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# Thank you

QUESTIONS?

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