SAFE CLEAN WATER PROGRAM

INFRASTRUCTURE PROGRAM
FISCAL YEAR 2026-2027

Ganesha Park Stormwater Capture Project

UPPER SAN GABRIEL WATERSHED AREA

APPLICATION TYPE:
CONSTRUCTION

PRESENTATION DATE:
February 26, 2026

PROJECT LEAD:

City of Pomona
Jorge Anaya, PE, Sr. Water Resources Engineer

Project Overview

The Ganesha Park Stormwater Capture Project proposes to capture, infiltrate, and treat stormwater from the adjacent San Jose Creek Channel. This regional stormwater project was identified under the East San Gabriel Valley Watershed Management Program (ESGV WMP) to address water quality regulations. The multi-benefit project offers water quality, water supply, and community recreational benefits for the City of Pomona.

Project Objectives

- **Improve water quality** in the San Jose Creek channel for the Upper San Gabriel River Watershed Area
- Capture and treat the 85th percentile 24-hour design storm from the 622-acre drainage area
- Promote **water supply** benefits through the addition of infiltration facilities (108 AF/year)
- Add new park surfaces and amenities for **community benefit**
- Educate the public on the local water supply and demand
- Provide habitat, education opportunities, and diverse vegetation to the space

PROJECT LEAD

City of Pomona

SCORING COMMITTEE SCORE

77

PROJECT STATUS

Design

TOTAL FUNDING REQUESTED

$18,557,573

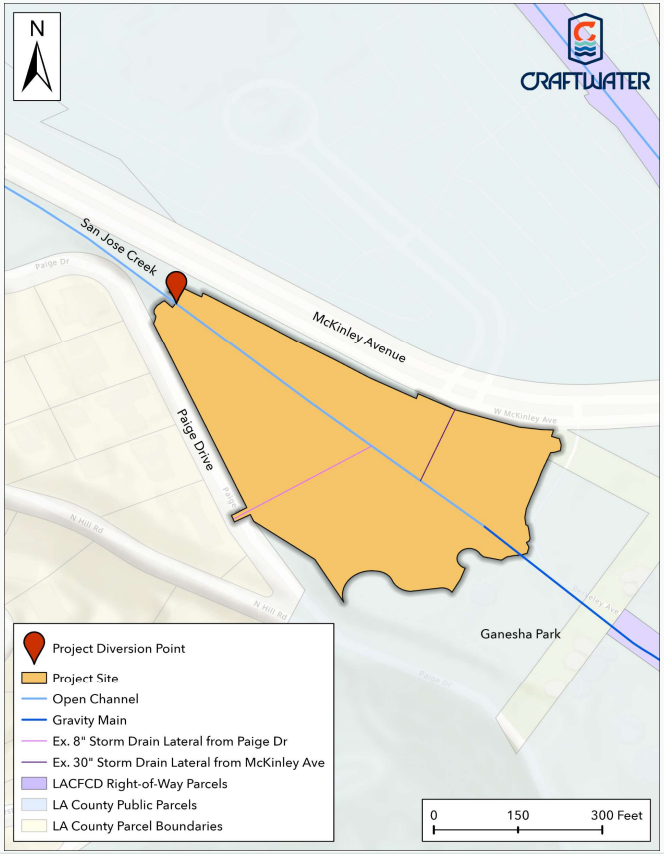
Funding Request Phase(s): Construction

Previously Awarded Technical Resources Project Concept: No

Previously Awarded Infrastructure Program Project: Yes

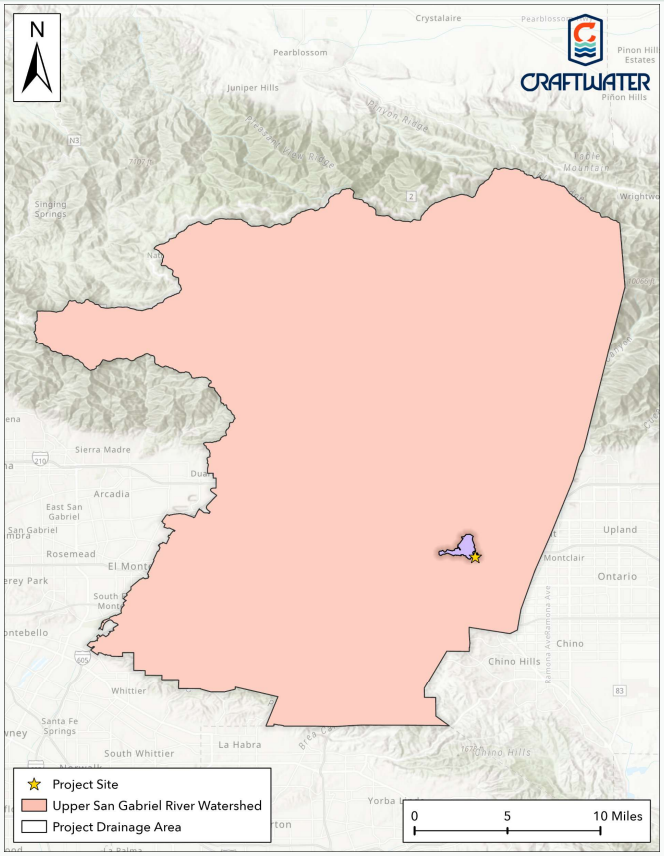
Project Location

Ganesha Park, Pomona



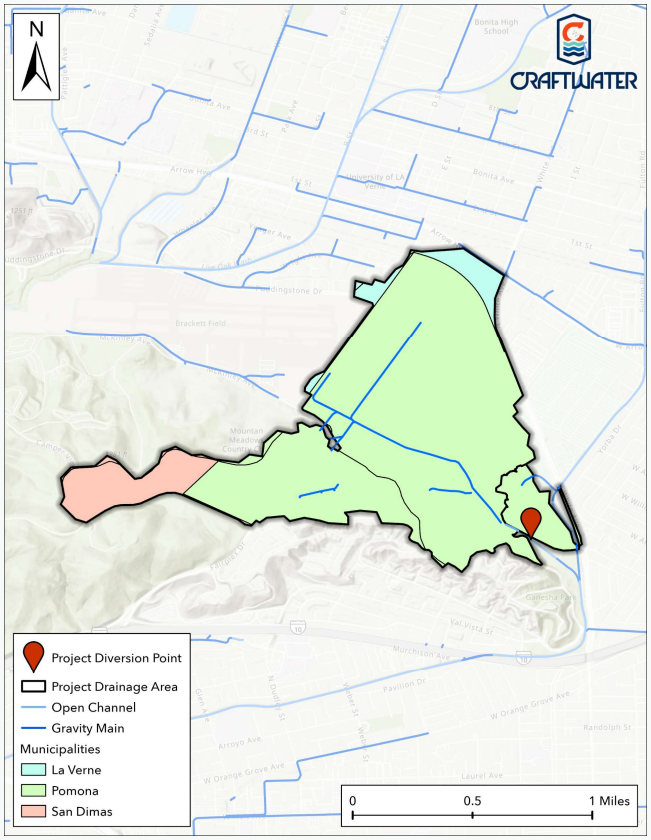
Watershed Area

Upper San Gabriel River



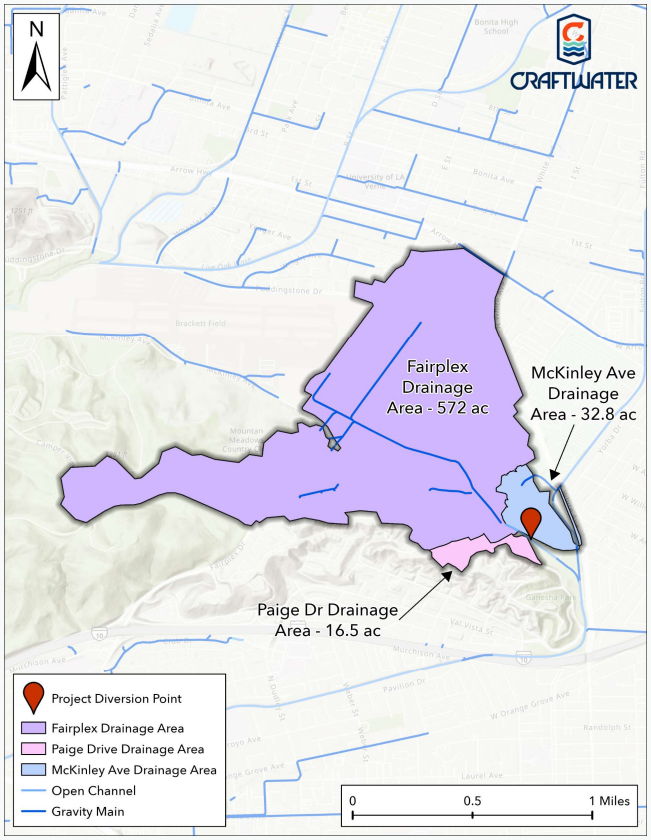
Municipalities in Capture Area

La Verne (4%), Pomona (87%), and San Dimas (9%)

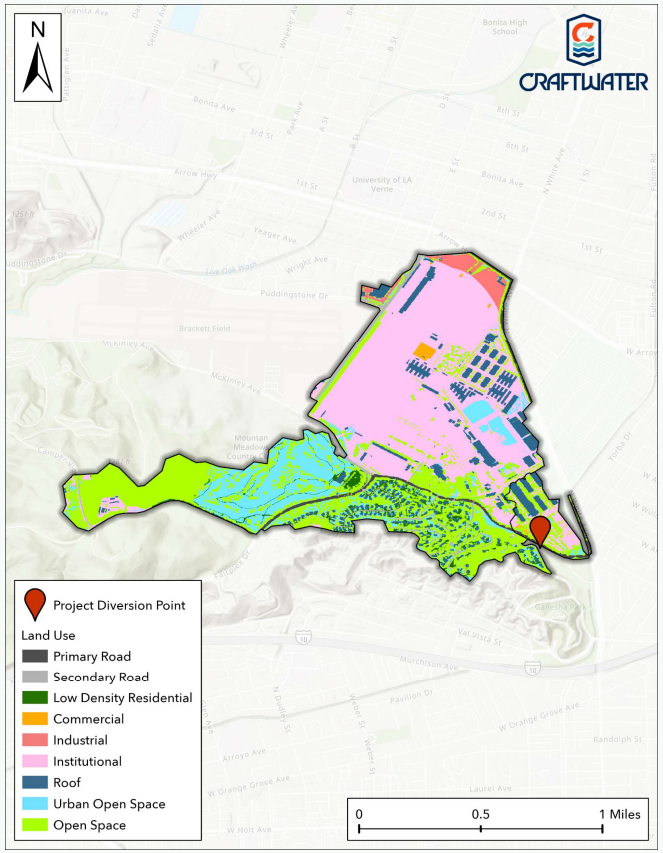


Capture Area

621.75 acres

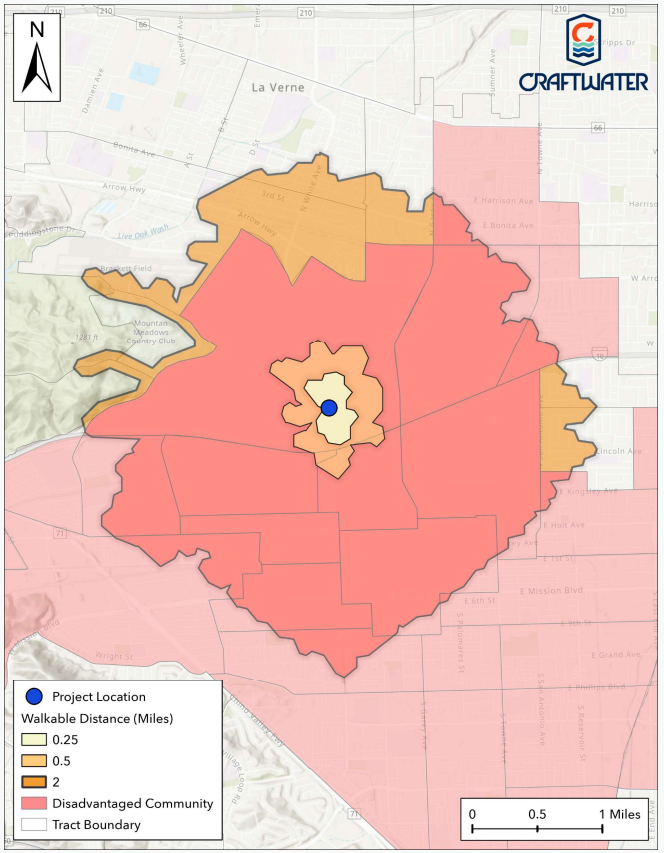


Land Use



DAC Walkshed

Located within a DAC and offers direct benefits



Project Background

Why was the Project location selected?

- Adjacent to the San Jose Creek Channel to treat pollutants conveyed by urban runoff.
- Original site in the Fairplex became infeasible due to conflicts with the Fairplex Specific Plan implementation timeline.
- Best option based on cost, constructability, O&M feasibility, and community benefit value.

How was the Project developed?

- Part of the East San Gabriel River Watershed Management Program to assist with water quality, water supply, and provide multiple community benefits.
- Aligns with the City's and Community priorities to enhance Pomona's Ganesha Park with new public amenities.

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

- Watershed-scale pollutant reduction to support regional MS4 Permit compliance.
- Captures, treats, and infiltrates stormwater to improve downstream water quality.
- 85th percentile storm capture, reduce 77% zinc (126 lbs/yr), reduce 79% copper (29.5 lbs/yr), and infiltrate 108 ac-ft/yr on an annual average.

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

- **Yes**, 100% of the population within a ½-mile radius from the project site classified as disadvantaged.
- Provides meaningful community benefits to the DAC area by
  - **mitigating urban heat island** conditions, adding shade, and increasing site vegetation
  - **adding community features** such as dog park, walking paths, seating areas, gardens, and educational signage.
  - **improving access** with ADA-compliant pathways and furniture, and a pedestrian bridge.
- **Provides direct DAC area investment** through restored habitat and naturalized park upgrades.

Partners

Who are the Project collaborators?

- This project does not involve additional project collaborators.

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

- There have been several communities and organizations that have committed their support of the project. These include:

ActiveSGV	**C.A. Department of Transportation (Caltrans)**	**L.A. County Board of Supervisors**
California State Assembly	**City of Pomona**	**Pomona Unified School District (PUSD)**
California State Senate	**Day One**	**Six Basins Watermaster**
Three Valleys Municipal Water District ("Three Valleys")	**U.S. House of Representatives**	**Caltrans**

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

- N/A

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

- The **City of Pomona**

Partners

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

- An LACFCD Letter of Conceptual Approval was obtained on January 21, 2025.
- City of Pomona will submit for an LACFCD Permit for the modifications within the LACFCD San Jose Creek Channel in February 2026
  - Intended to demonstrate that the proposed modifications will not have any effect on the existing channel conveyance capacity
  - Modifications include a channel diversion and intake, pedestrian bridge over the channel, and drainage discharge to the channel
  - A Use and Maintenance Agreement will also be prepared that specifies the City's responsibilities for the proposed modifications

Project Details

Existing Hydrology

- Drainage Area: 622 acres
- 85th Percentile Flow: 35 cfs
- 85th Percentile Runoff: 22 ac-ft

Proposed Design Approach

- **Treats** both **Dry and Wet flows** to the maximum extent practicable
  - **Dry Weather**: 100% capture and treatment of dry weather flows. Meets critical bacteria requirements.
  - **Wet Weather**: Captures the 85th percentile storm flows with diversion rates of 35 cfs (San Jose Creek) and 5 cfs (McKinley Ave Storm Drain).
- **Infiltration Galleries**: Flows are treated via pretreatment and routed to two subsurface infiltration galleries (total 5.30 ac-ft storage) and filtration system to capture and treat **20 AF** (the 85th percentile storm) in a 24-hour period

Project Details

Current site conditions

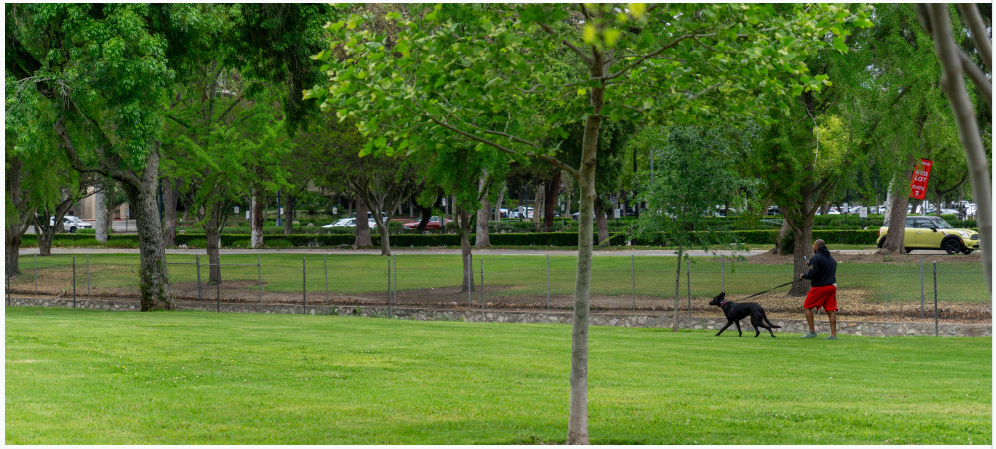
- Public Park (Ganesha Park) within the City of Pomona
- San Jose Creek channel is 25-ft wide and 7-ft tall, with rubble stone-lined walls and a V-shaped cross section.

Land ownership/right-of-way

- Most project improvements are within City of Pomona-owned Ganesha Park property.
- LACFCD holds a 50-ft easement along the San Jose Creek

Potential/future constraints

- Continued LACFCD coordination for work within the channel easement.
- Long-term maintenance of BMP.



Project Details

Environmental Documents and Permits Item

- Environmental Documentation
  - CEQA – Mitigated Negative Declaration (MND): completion expected Spring 2026.
- Federal / State Waterway Permits
  - USACE – Section 404 Permit: Impacts to Waters of the U.S.
  - RWQCB – Section 401 Certification: Impacts to Waters of the State
  - USACE – Section 408 Permit: Modifications to USACE civil works channel
  - NHPA – Section 106 Compliance: Cultural/historic review for federal permitting
  - CDFW – Section 1602: Streambed Alteration
- LACFCD Permits
  - Major Modification Permit: Diversion structure in San Jose Creek channel (EpicLA)
  - Discharge Permit: Treated water discharge to District facility (EpicLA)
- Additional Regulatory Permits / Approvals
  - City of Pomona Dept. of Development Services – Grading Permit: Required for ground disturbance and grading.
  - City of Pomona Dept. of Development Services – Encroachment Permit: Required for work within City right-of-way.
  - Southern California Edison – Electrical Service Request: Required for new electrical service.
  - South Coast AQMD – Rule 403: Required for construction dust control measures.

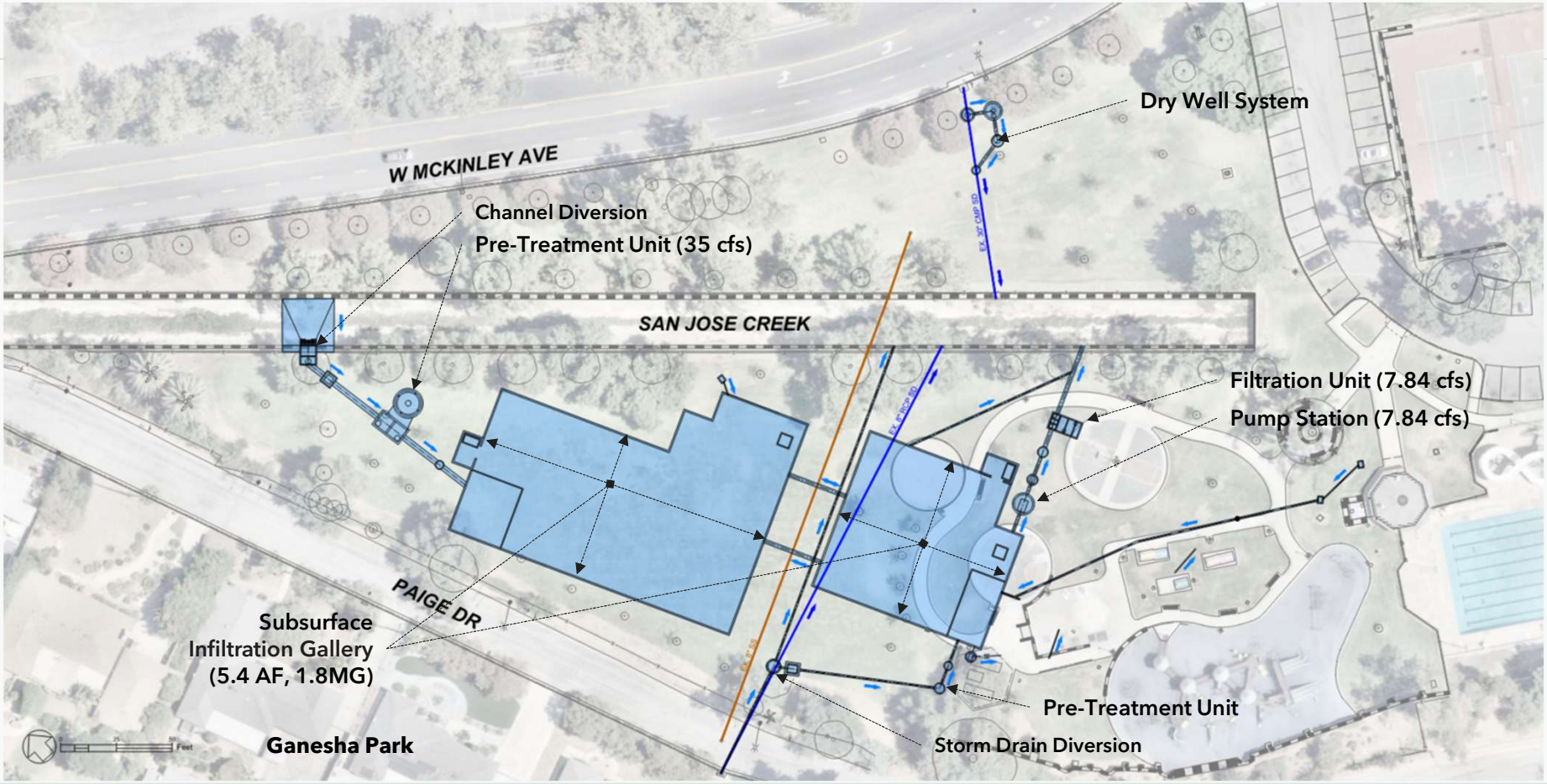
Vector Minimization

- The San Gabriel Valley Mosquito and Vector Control District was contacted on 2nd July 2025.
- Guidelines outlined in the California Department of Public Health's Checklist for Minimizing Vector Production in Stormwater Management Structures will be followed.

Technical Activities Completed

- 2020 Feasibility Study
- 2022–2025 Hydrology modeling, geotechnical investigations, and Preliminary Design Report
- 2024 Boundary survey
- 2025 Completed 60% design
- 2026 Potholing & Utility Verifications Completed

Project Site Plan



Project Schematic

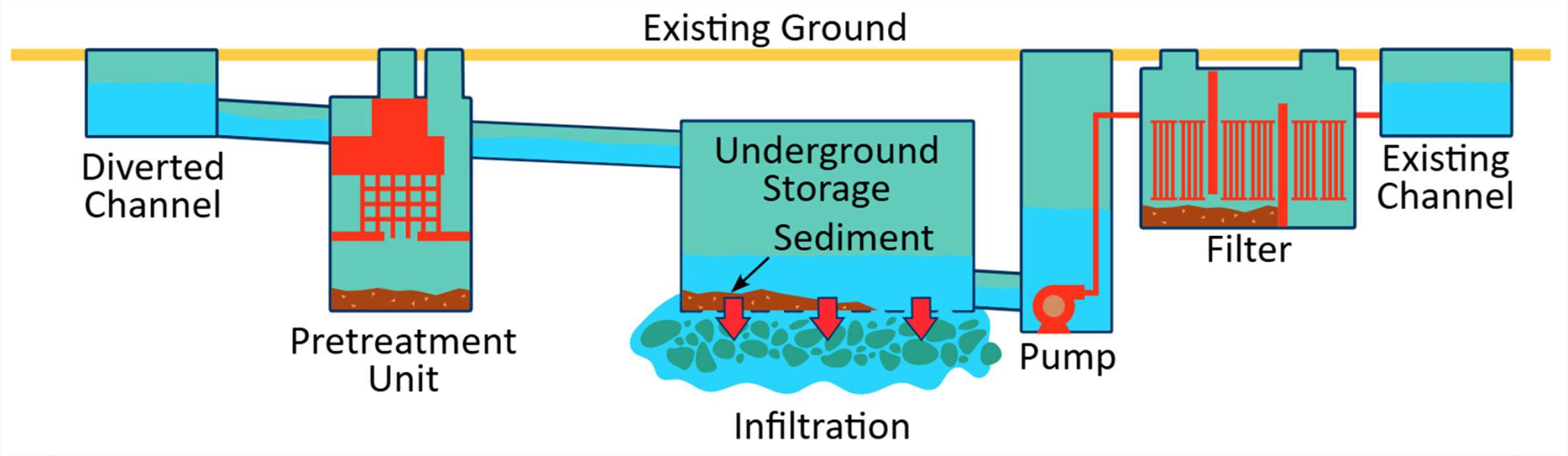
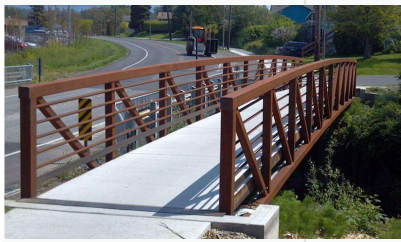
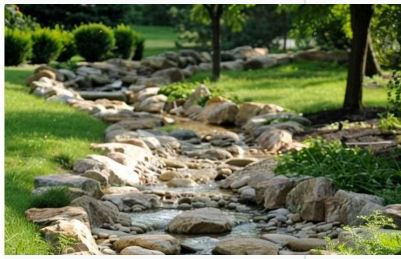


Figure. Concept Profile of Stormwater Capture and Treatment Facility

Community-Driven Landscape Site Plan





Cost and Schedule

PHASE	DESCRIPTION	COST	COMPLETION DATE
Planning	Feasibility Study Evaluation and Alternative	$23,393	06/22/2022
Design	Development of Construction Documents, CEQA, Permitting, Outreach and Engagement	$2,900,000	12/31/26
Bid/Award	Project Bidding, Award	Included in Design Phase Cost	08/30/28
Construction	Project Construction and Management	$24,807,573	12/31/30
TOTAL COST		**$ 27,730,966**	

Cost and Schedule (Continued)

ANNUAL COSTS	
Annual Maintenance Cost	$479,600
Annual Operation Cost	$91,000
Monitoring Costs	$35,000

LIFE-CYCLE COSTS	
Project Life Span	50 Years
Total Life-Cycle Cost	$42,261,672.27
Annualized Life-Cycle Cost	$1,761,350.64

Cost Share

TYPE OF COST SHARE	FUNDING AMOUNT	PHASE	COST SHARE STATUS	BRIEF DESCRIPTION
Agreements	$6,250,000	Construction	Commitment Received	Caltrans FCO Partnership

- Total Cost Share: $6,250,000
- Leveraged Funding Percentage: 25.2%

Funding Request

YEAR (FISCAL YEAR)	SCW FUNDING REQUEST	PHASE	EFFORTS DURING PHASE AND YEAR
1 (FY26-27)	$6,185,857	Construction	Construction Contract, Year 1 Budget; Agency Project Management and Construction Administration, Year 1
2 (FY27-28)	$6,185,857	Construction	Construction Contract, Year 2 Budget; Agency Project Management and Construction Administration, Year 2
3 (FY28-29)	$6,185,857	Construction	Construction Contract, Year 3 Budget; Agency Project Management and Construction Administration, Year 3
TOTAL	**$18,557,573**		

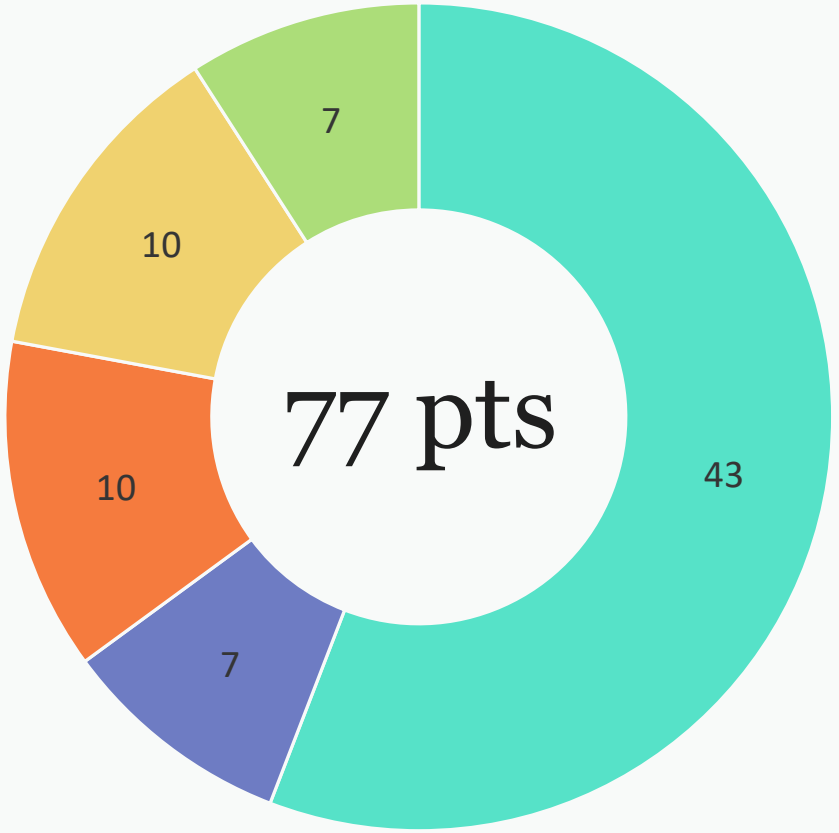
- Potential Future SCW Funding Request: Yes, for O&M

Metrics & Measures

	PROJECT BENEFIT METRICS	METRIC
Improve Water Quality	Zinc load reduction (lbs/year)	135
	Total Phosphorous load reduction (lbs/year)	101
Increase Drought Prepared-ness	Increase Local Water Supply through Stormwater Capture (ac-ft/year)	108
	Increase local supply through groundwater recharge and storage (ac-ft/yr)	108
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)	3.3
	Net area of canopy, cooling, and shading surfaces (acres)	2.8
	Net new trees planted	114
Deliver Multi-Benefit Projects	Net area of habitat created, enhanced, restored, protected (acres)	1.5
Promote Green Jobs & Career	Annual Full Time Equivalent Jobs Created	123.83

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

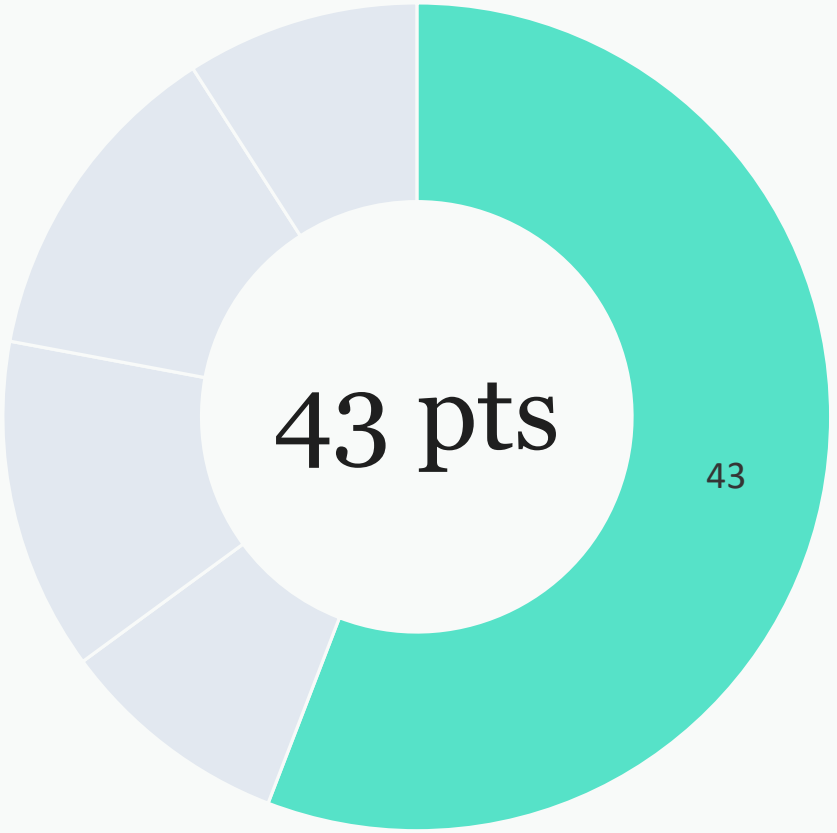
Score Breakdown

Water Quality

Score determined using the 2025 Safe, Clean Water (SCW) Pilot Water Quality Scoring Criteria for wet weather project, which evaluates projects using two components:

- Part 1 evaluates the project's cost-effectiveness by comparing the capital cost to the 24-hour water quality treatment capacity (measured as AF per million dollars, AF/$M)
  - The project's cost effectiveness was able to received **15 points**.
- Part 2 evaluates primary and secondary pollutant reduction.
  - The project pollutant reduction of 74 to 79.9% for primary and secondary pollutant reduction and received **28 points** for it.

Grand Total: **43 points**



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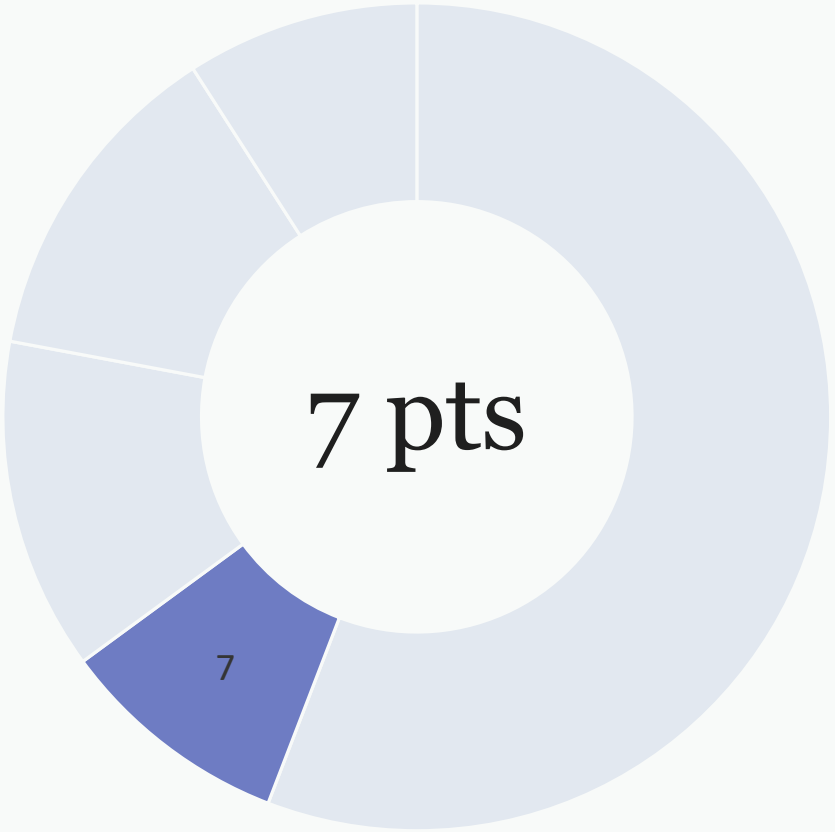
Score Breakdown

Water Supply

Score determined using the 2025 SCW Pilot Water Supply Scoring Criteria for dry weather projects, which evaluates projects using two components:

- Part 1 evaluates the project's cost-effectiveness based on the life-cycle cost per acre-foot of stormwater captured for supply.
  - The project has a life-cycle water supply cost of $44,059.5 per acre-ft and received **2 points** for it.
- Part 2 evaluates the total water-supply benefit, including annual infiltration and net countable water supply.
  - The project produces 40 acre-feet per year of water supply and received **5 points** for it.

Grand Total: **7 points**



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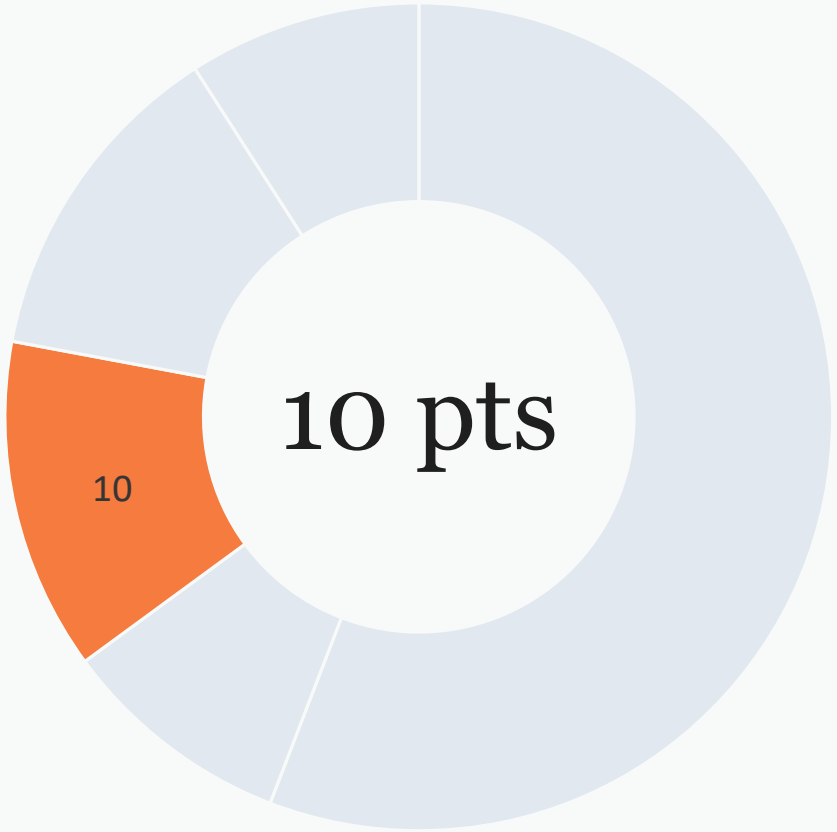
Score Breakdown

Community Investment Benefits

The project provides multiple community investments consistent with SCW criteria, including flood mitigation, recreation, access, cooling, and habitat improvements.

- Creation and restoration of park and habitat areas, improving ecological value.
- Flood risk is reduced by capturing 100% of the 85th percentile peak flows through infiltration storage.
- Public access is improved through a pedestrian bridge connecting both sides of San Jose Creek.
- Recreation is expanded with native gardens, sports fields, exercise areas, walking paths, and a creek feature.
- Heat island is reduced with a net gain of 114 trees, 0.96 acres of vegetation, and 2.8 acres of added canopy.
- Air quality and carbon benefits increase with 136 new trees and ~5,500 plants, sequestering ~9,500 lbs CO_2/year.

The project satisfies six community benefit criteria, consistent with SCW's high-range scoring tier thus scoring **10 points**



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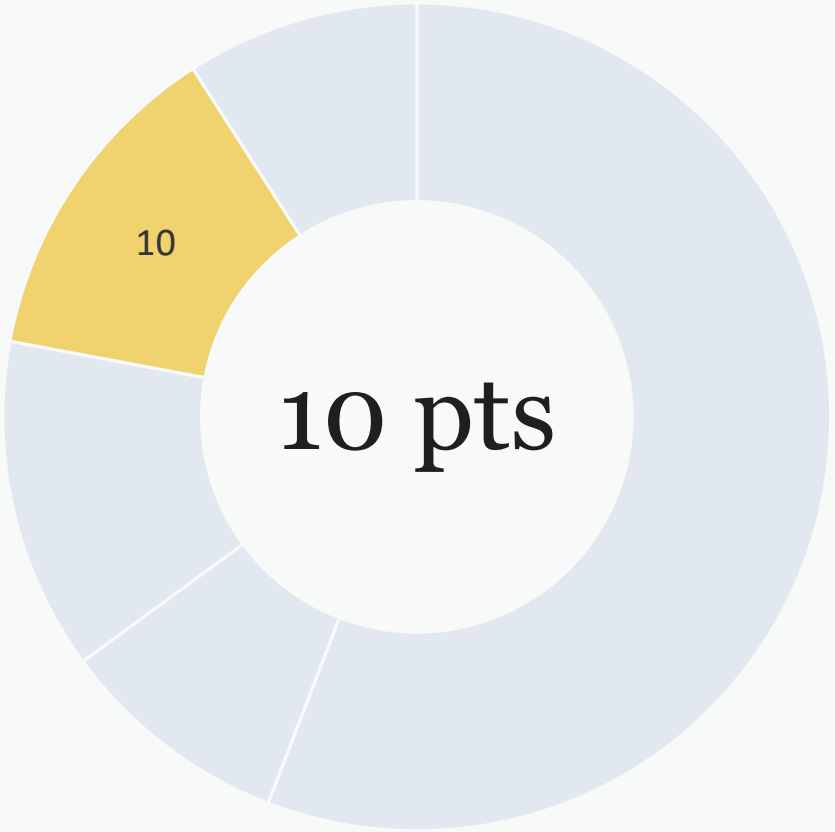
Score Breakdown

Nature-Based Solutions

The project meets SCW's Nature-Based Solutions criteria by implementing natural processes, increasing natural materials, and enhancing ecological function throughout the site.

- Natural infiltration: Stormwater infiltrates through native soils via subsurface storage, mimicking soil filtration and recharging the Six Basins.
- Extensive native vegetation: over 42,244 sq ft of native plants and 136 new climate-appropriate trees.
- Soil enhancement: Uses decomposed granite, gypsum, and local mulch to improve drainage, reduce erosion, and support soil health.
- Landscape protection: Preserves 64 existing trees and integrates underground capture designed for the 85th percentile storm

Meets at least three of the primary NBS requirements, earning a strong score of **10 points.**



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Score Breakdown

Leveraged Funds and Community Support

The project received credit under SCW's leveraged-funds and community support scoring for demonstrated cost-share commitments and extensive stakeholder engagement.

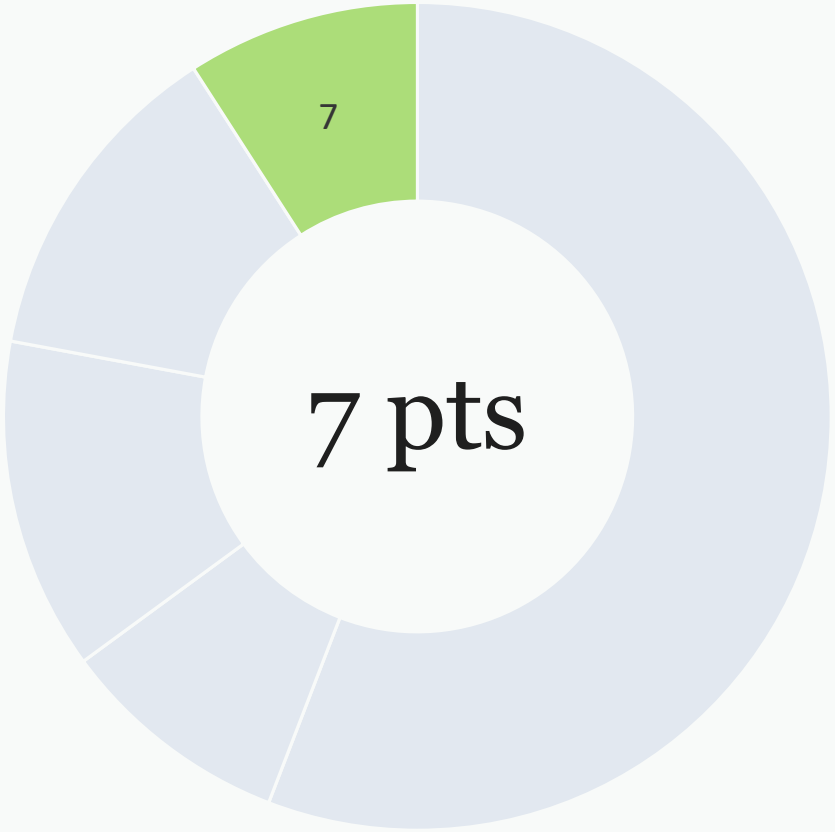
- Leveraged Funds
  - Caltrans: $6.25M committed.

Total leverage: ~25.2%, placing the project in SCW's mid-range scoring tier and scoring **3 points.**

- Community Support
  - Engagement included multiple public meetings and pop-ups, plus online outreach, surveys, and structured activities.
  - Feedback showed strong support, including positive input from residents and the Pomona Parks & Recreation Commission.

Community input directly shaped design thus scored **4 points.**

Grand Total: **7 points**



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Thank you

QUESTIONS?

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