



Baldwin Vista Green Streets Project

Funding Program

Fiscal Year 2024 – 2025

Central Santa Monica Bay Watershed

Project Lead: LA Sanitation and Environment

Presenting: Valeria Arteaga, LASAN

Previously Awarded TRP – No



Project Overview

Repackaged, multi-benefit project around Coliseum Street designed to capture and treat stormwater runoff using drywells and trees.

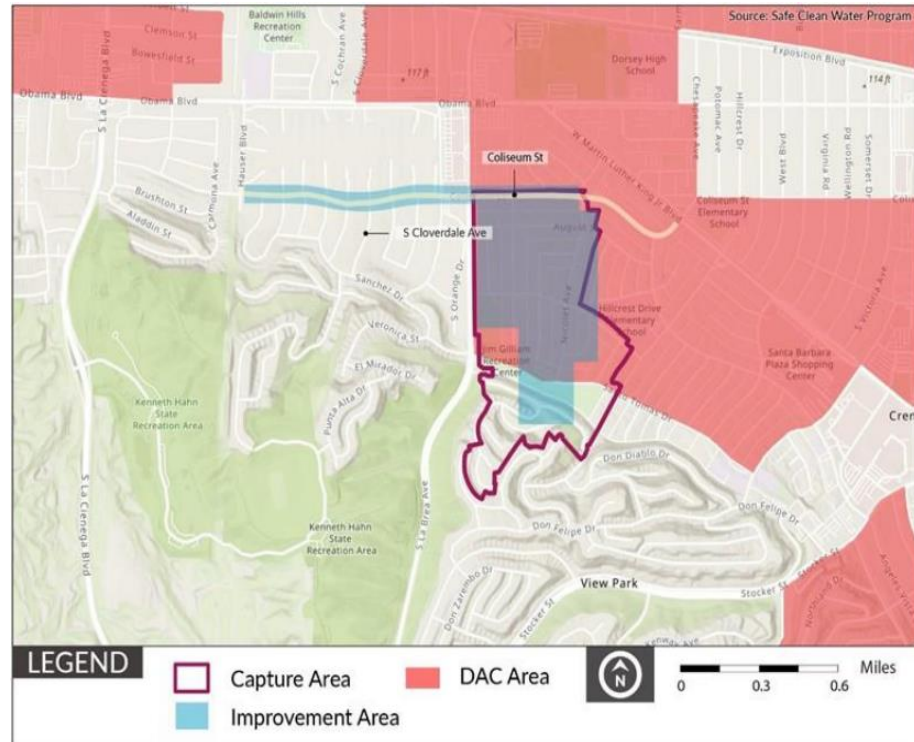
- Previously submitted in Round 4
- Primary: 80% zinc
- Secondary: 100% trash
- Project Status: Feasibility
- SCW funding requested for Planning, Design, Construction, O&M
- Total Funding Requested \$9,076,647



Project Location



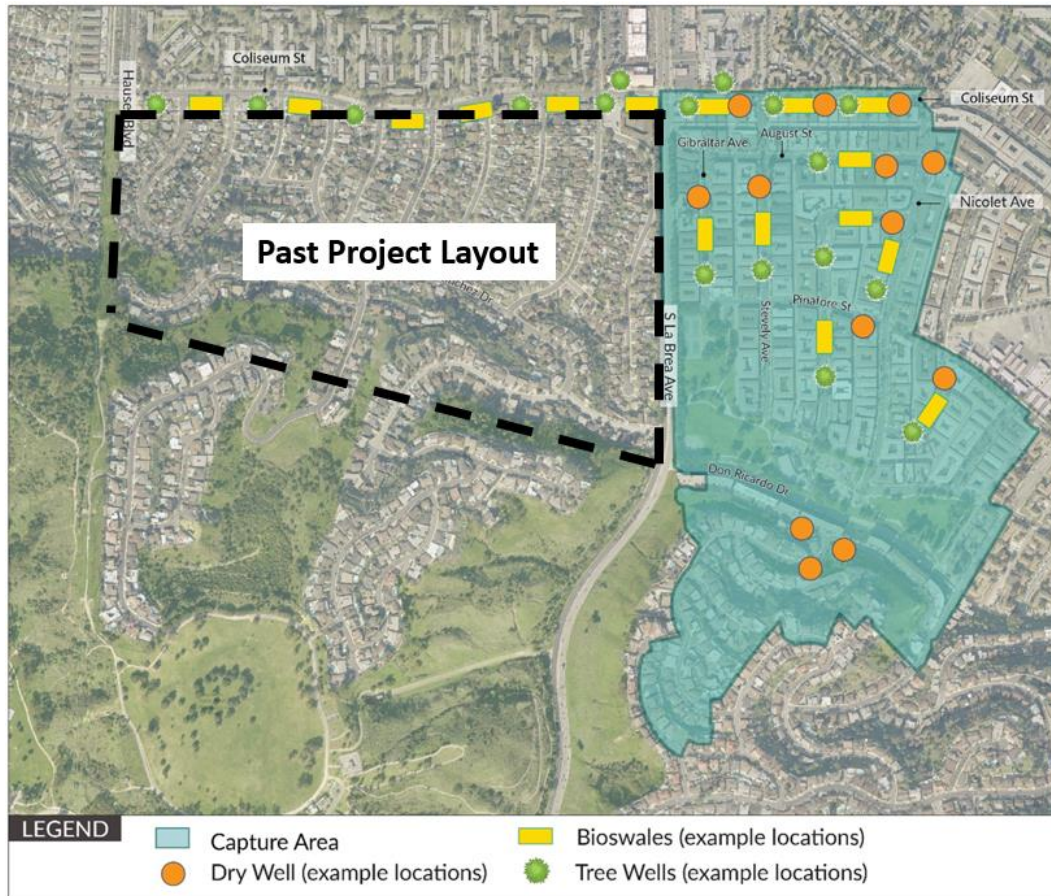
Project Location



DAC Location Map (shown in pink)



Capture Area



Previous project layout :

- Encountered high groundwater
- Partly located in a liquefaction zone
- Not in a DAC

Revised project layout:

- Shifted drywells east
- Geotech encountered no high groundwater or liquefaction
- Located in a DAC

The revised project has greater stormwater capture and will treat a larger drainage area (capture 97 AFY from 135 AC vs 60 AFY from 89 AC)



Project Background

Project location was selected due to:

- Localized flooding
- Located within a Disadvantaged Community (DAC)
- Greatest need and highest potential for cost-effective implementation of BMPs

Development of the project took place with the following items in mind:

- Water quality needs of the area
- Community input
- Multiple alternatives for stormwater quality enhancement
- Cost-effectiveness

Project area is included in the Ballona Creek Watershed Management Plan





Community Support

Project Partners

- Approximately 15 letters of support from local residents received
- Strong support from Council District 10 and community
- Continuous support from Round 4
- Vector Control District will be contacted during pre-design phase

VILLAGE GREEN



COUNCIL DISTRICT 10
LOS ANGELES CITY COUNCIL

Internal SCW Program Discussion





Site Plan

Project to include:

- 47 total dry wells distributed throughout the area
- 40 street trees in the parkway along Coliseum St.
- Educational displays and bioswales





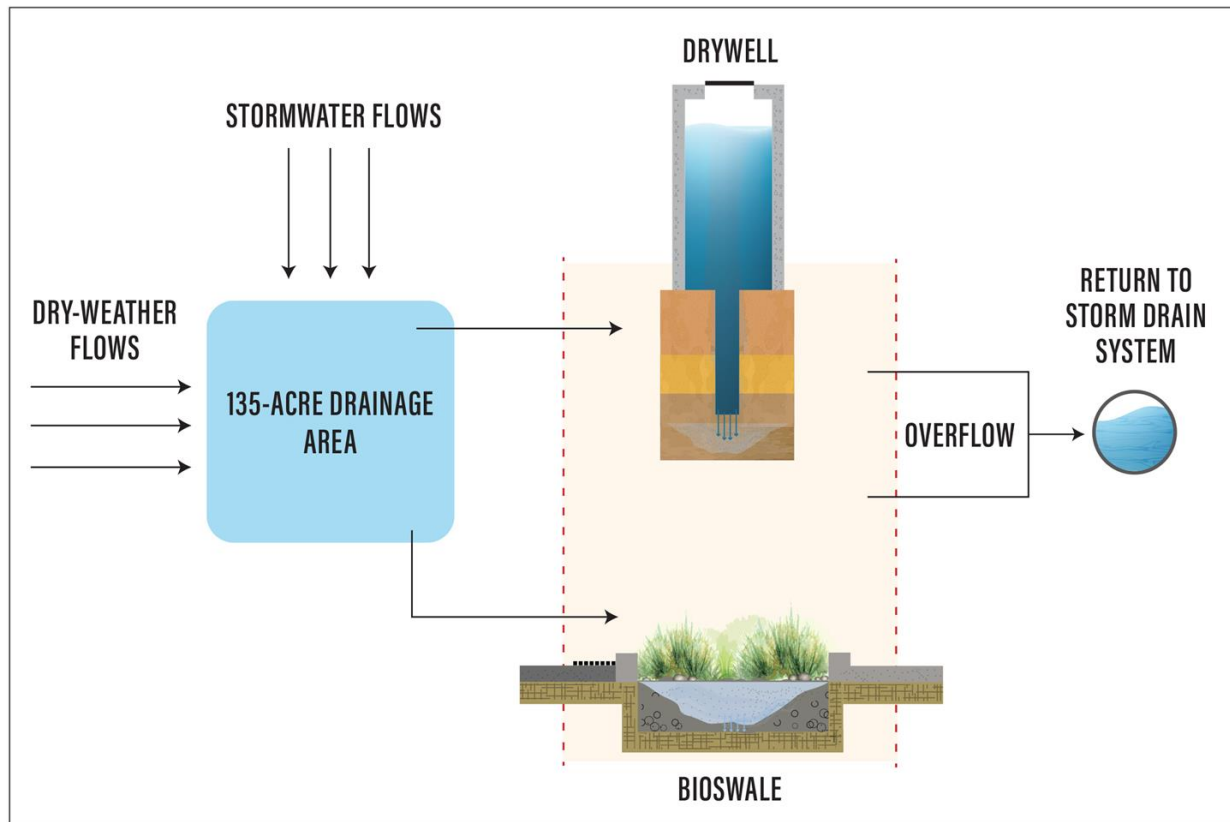
Project Schematic

Project will:

- Capture 97.3 acre-feet annually of wet and dry weather runoff
- Treat water with drywells and bioswales
- Reducing pollutant loading by 80%

The following alternative concepts were considered:

- Alternative 1 - capture, treat, and infiltrate from both sides of La Brea Avenue
- Alternative 2 - capture to a storage tank and divert to the sanitary sewer





Cost & Schedule

Phase	Description	Cost	Completion Date
Planning	Project planning, permitting, and preliminary design	\$820,728	06/2025
Design	Engineering, Design, CM	\$2,644,593	12/2028
Bid & Award	Bid & Award	\$571,804	04/2027
Construction	Construction Contract	\$6,575,745	12/2028
Post Construction	Three (3) years post-construction monitoring and O&M	\$356,637	06/2031
TOTAL		\$10,969,508	
Leveraged Funds	City Services	\$1,892,861	YR1-YR5



Funding Request

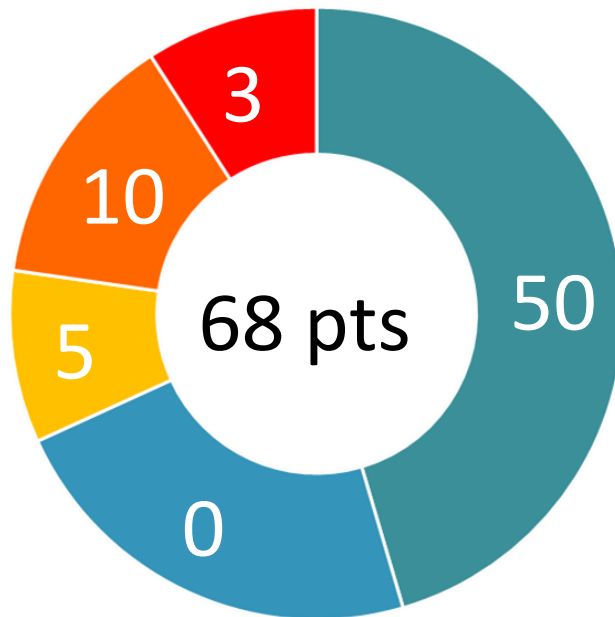
Project Schedule Based 5-Yr Cost						
Task Name	YR1-FY24/25	YR2-FY25/26	YR3-FY26/27	YR4-FY27/28	YR5-FY28/29	Total
Project Cost						
Planning ¹	\$820,728					\$820,728
Design & CM ²		\$857,706	\$643,279	\$571,804	\$571,804	\$2,644,593
Construction			\$3,573,774	\$1,786,887	\$1,786,887	\$7,147,548
O&M					\$214,426	\$214,426
Monitoring					\$142,211	\$142,211
Total Cost:	\$820,728	\$857,706	\$4,217,054	\$2,358,691	\$2,715,328	\$10,969,507
Total Match:	\$320,400	\$393,115	\$393,115	\$393,115	\$393,115	\$1,892,861
Funding Request:	\$500,328	\$464,591	\$3,823,938	\$1,965,576	\$2,322,213	\$9,076,647

- 17.2% of funding matched (City Services)



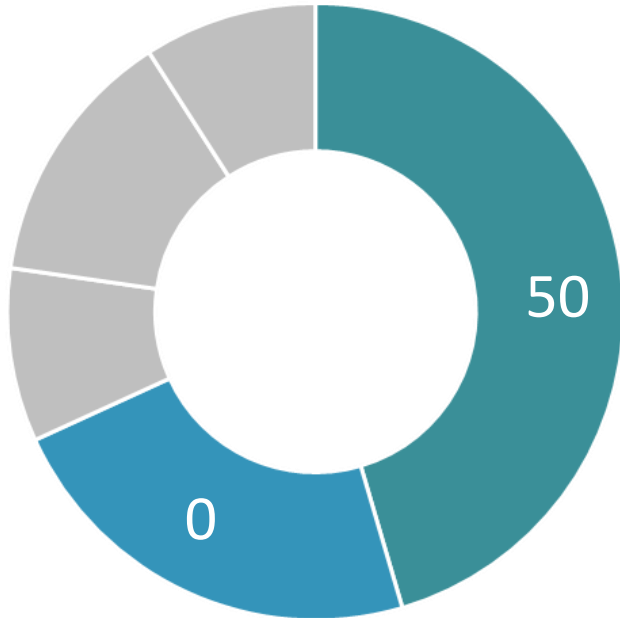
Scoring

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





Water Quality & Water Supply Benefits

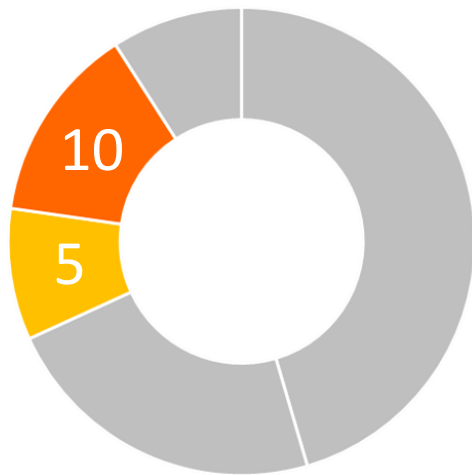


Water Quality

- Drywells, bioswales, and street trees
- Wet weather
- Tributary area: 135 acres
- 24 Hour BMP Capacity: 14.3 AF
- Pollutant Reduction: 80% zinc, 100% trash
- Annual Water Supply Volume: 97.3 AF/yr
- Water Quality Cost-Effectiveness: \$1.98 AF/\$M
- Water Supply Cost-Effectiveness: \$7,248/AF



Community Investment Benefits and Nature Based Solutions



Community Investment Benefits

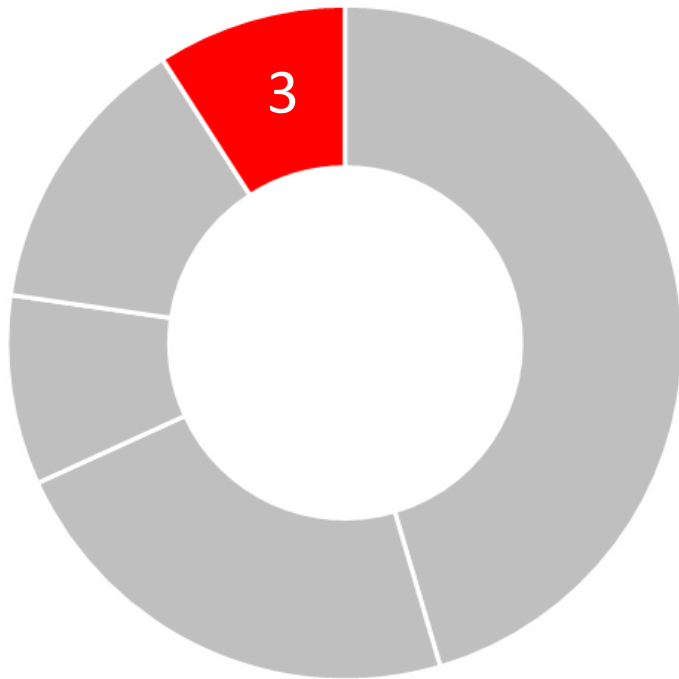
- Improved flood mitigation
- Enhancement and Restoration of Habitat
- Enhanced recreational opportunities
- Increased shade and reduced heat island effect
- Increased carbon sequestration and air quality improvements

Nature Based Solutions

- Mimics natural processes in trees and bioswales
- Utilizes natural materials in bioswales



Leveraging Funds and Community Support



Leveraging Funds

- This project has 17% leveraged funds

Community Support

- During Round 5, approximately 15 letters of support from local residents have been received.



Questions?

Valeria Arteaga