



**SAFE CLEAN  
WATER PROGRAM**

# Safe Clean Water Program and Watershed Planning

**SOCAL WATER COALITION TASK FORCE**

**PRESENTED BY:**

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**LOS ANGELES COUNTY PUBLIC WORKS  
STRATEGIC ADVANCEMENT SECTION**

**3/26/2026**

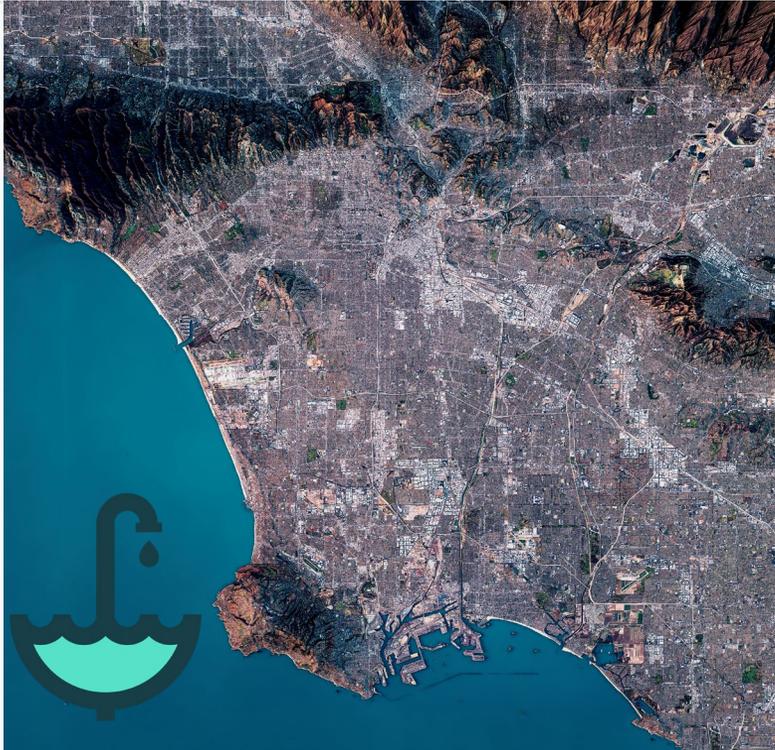


# What We're Covering Today

1. How We Got Here
2. Intro to Initial Watershed Plans and Planning Tool
3. Next Steps for Watershed Planning
4. Q&A



## SCW Program Watershed Planning – An Accelerated Timeline



### SCW Program BOS Motion

LA County Board of Supervisors Motions to Accelerate the SCW Program implementation and develop Watershed Area Plans



### Forming a Team, Developing a Framework

Public Works Watershed Planning Section formed, Community Strengths & Needs Assessment developed and launched, Watershed Planning Framework developed, SCWP governance committees and interested parties engaged



### Making Plans for Everyone

Conducted technical analysis of cross-county programs and plans, emphasizing watershed coordination, and developing models for planning

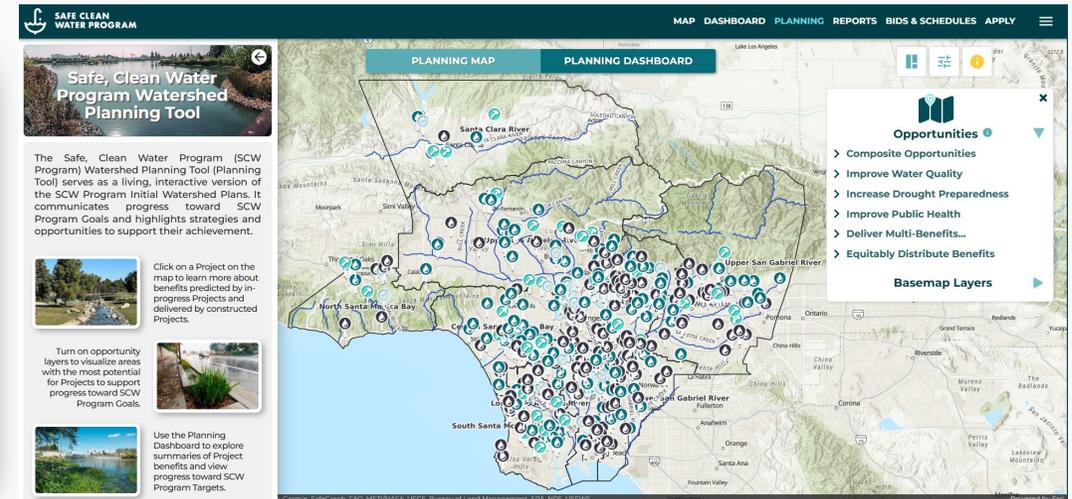
# Watershed Planning Initiative: Initial Watershed Plans and Online Planning Tool

## Initial Watershed Plans

- Communicate the Initial Watershed Outputs
- Provide detailed information on Program-wide and WA-specific targets, needs, strategies, and opportunities within the scope of the SCW Program

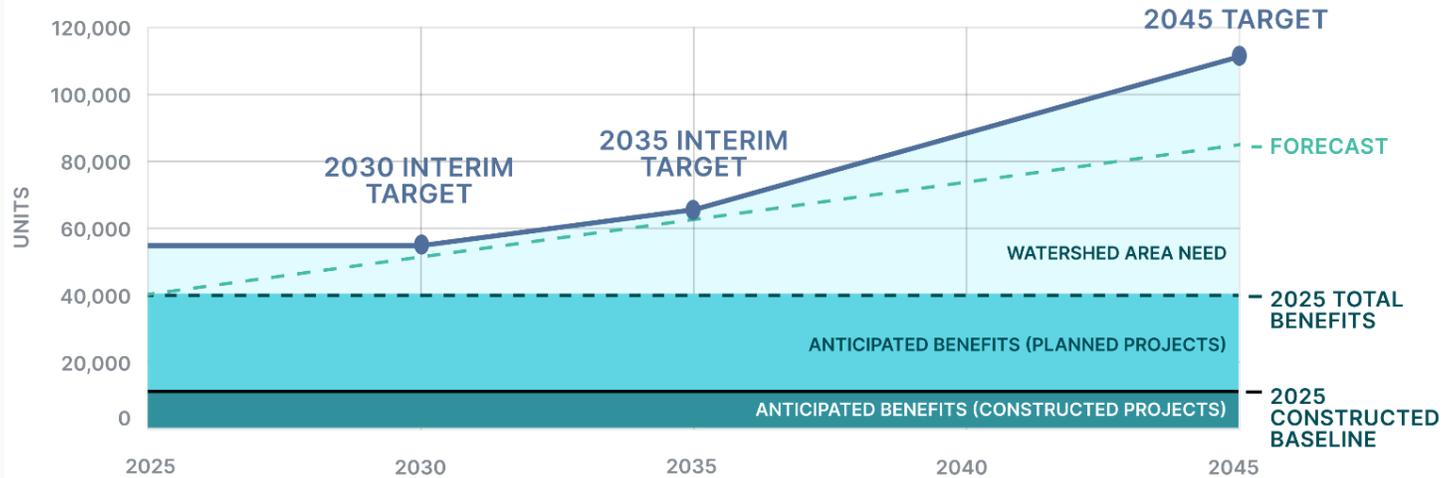
## Online Planning Tool

- Serves as a live, interactive version of the Plans
- Communicates and tracks progress toward SCW Program Goals and highlights strategies and opportunities to support their achievement



# Initial Watershed Plan Outputs

CONCEPTUAL EXAMPLE - 2025 SNAPSHOT AND LOOK AHEAD BENEFITS, FORECASTS, WATERSHED AREA NEEDS, AND SCW PROGRAM TARGETS



**Watershed Area Characteristics**  
(Chapter 2)

**Baselines**  
(Chapter 3)

**SCW Program Targets**  
(Chapter 4)

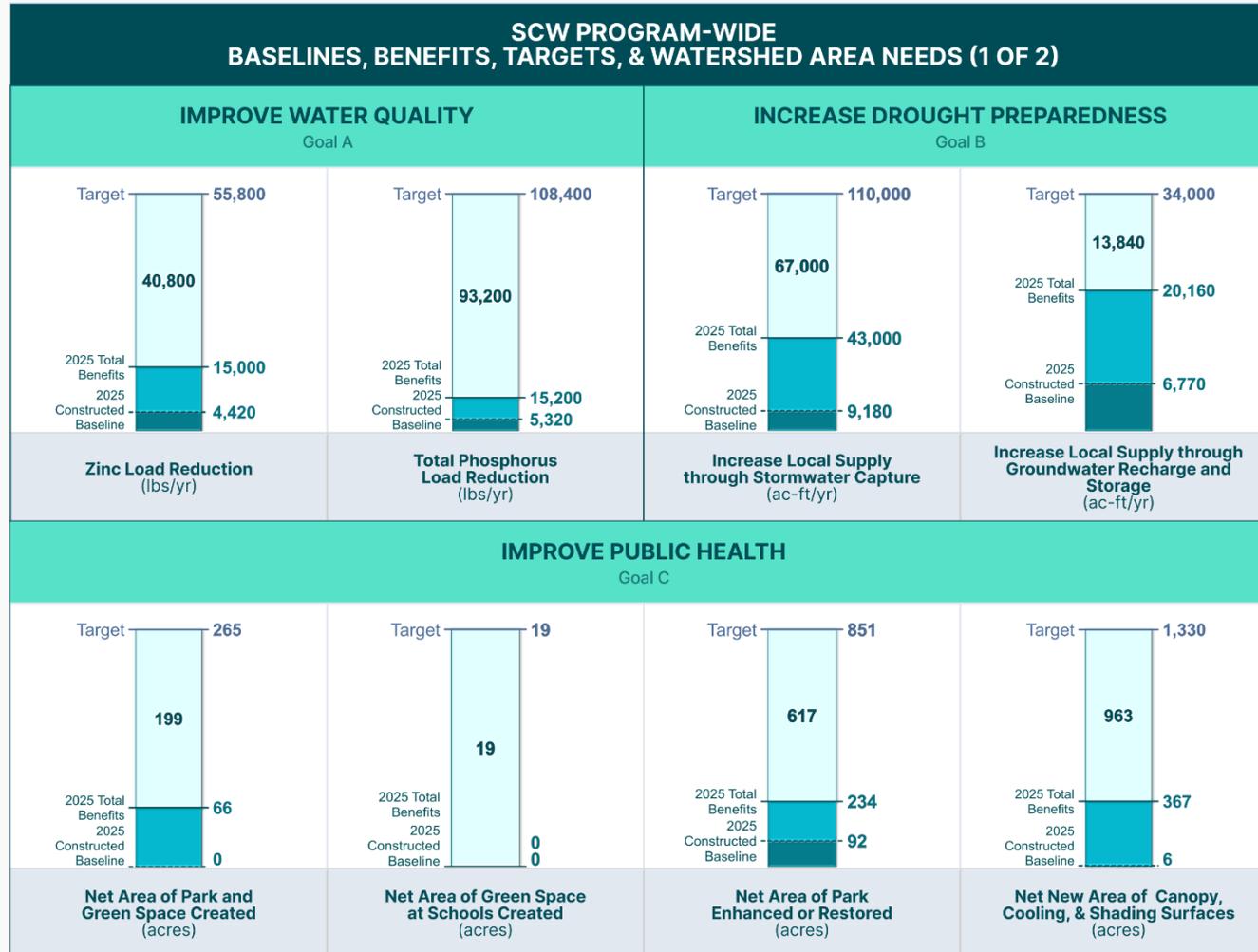
**Watershed Area Needs**  
(Chapter 5)

**Strategies & Actions**  
(Chapter 5)

**Opportunities**  
(Chapter 5)

**Watershed Planning Next Steps & Adaptive Management**  
(Chapter 7)

# Indicators for Tracking SCW Program Progress



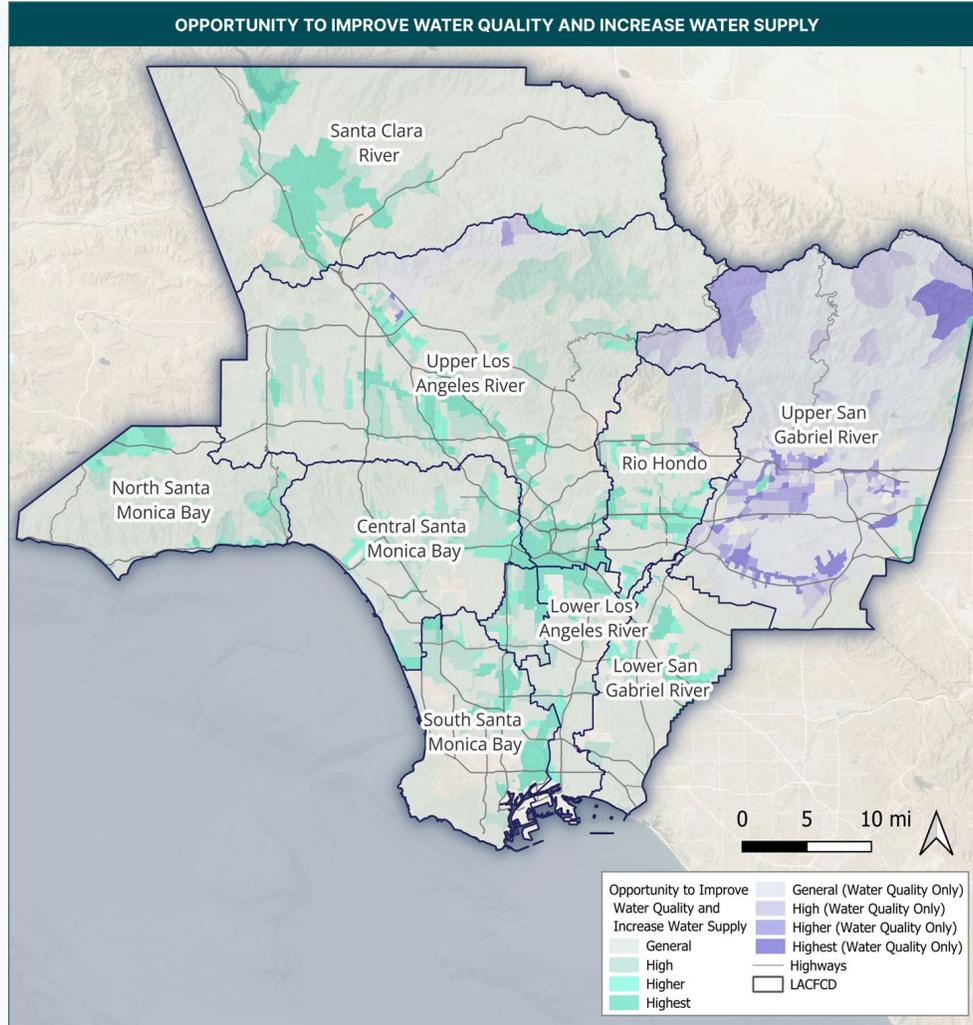
# Indicators for Tracking SCW Program Progress



# Strategies for Addressing Needs and Achieving Goals

<b>SCW PROGRAM-WIDE STRATEGIES</b>	
<b>IMPROVE WATER QUALITY</b> Goal A	
1.1	Prioritize high performance Projects and Programs in areas with the highest pollutant loads
<b>INCREASE DROUGHT PREPAREDNESS</b> Goal B	
2.1	Link MS4 compliance and water supply planning to maximize stormwater capture for water quality and water supply*
<b>IMPROVE PUBLIC HEALTH</b> Goal C	
3.1	Evaluate open space and large lot potential, particularly on school campuses*
3.2	Create, enhance, and restore park and green space, especially in high-need communities
3.3	Help communities most affected by extreme heat mitigate and adapt to the effects of climate change
<b>DELIVER MULTI-BENEFITS WITH NATURE-BASED SOLUTIONS &amp; DIVERSE PROJECTS</b> Goal E, F,G	
4.1	Acknowledge, where feasible, other capital improvement programs that can contribute to regional outcomes*
4.2	Deliver nature-based, multi-benefit Projects and Programs that improve water quality while addressing community priorities and concerns
<b>LEVERAGE FUNDING &amp; INVEST IN RESEARCH &amp; DEVELOPMENT</b> Goal D, H, I	
5.1	Bolster SCW Program and regional coordination to support identification and communication of alternative funding sources and opportunities
5.2	Bolster the Scientific Study Program through enhanced review, coordination, and dissemination of results
<b>EQUITABLY DISTRIBUTE BENEFITS</b> Goal J, K	
6.1	Consider historic land use disparities and environmental justice metrics across the SCW Program area*
6.2	Advance equity and prioritize new investments particularly in communities not currently served by a SCW Program Project or Program
<b>PROMOTE GREEN JOBS AND CAREER PATHWAYS</b> Goal M	
7.1	Prioritize smaller Projects for which construction and maintenance jobs are more likely to come from a local labor force
7.2	Invest in research and Programs that promote permanent career pathways
7.3	Coordinate job placement and partner with workforce training and pre-apprenticeship programs
<b>ENSURE ONGOING OPERATIONS &amp; MAINTENANCE FOR PROJECTS</b> Goal N	
8.1	Maintain a skilled, local workforce to ensure quality construction and comprehensive operations & maintenance (O&M)
8.2	Ensure sufficient resources are set aside for Project O&M and monitoring
8.3	Promote wildfire resilience through fire-resilient O&M protocols for Projects
8.4	Integrate post-construction monitoring data into O&M plans
<b>PRIORITIZE MEANINGFUL ENGAGEMENT</b>	
9.1	Promote meaningful and sustained outreach and engagement through regional coordination and expertise
9.2	Ensure sufficient resources are set aside for Project O&M and monitoring
9.3	Promote fire-adapted communities through enhanced education and outreach

# Opportunities Help Maximize Return on Investments by SCW Program



# Watershed Planning Tool: Planning Map



The Safe, Clean Water Program (SCW Program) Watershed Planning Tool (Planning Tool) serves as a living, interactive version of the SCW Program Initial Watershed Plans. It communicates progress toward SCW Program Goals and highlights strategies and opportunities to support their achievement.

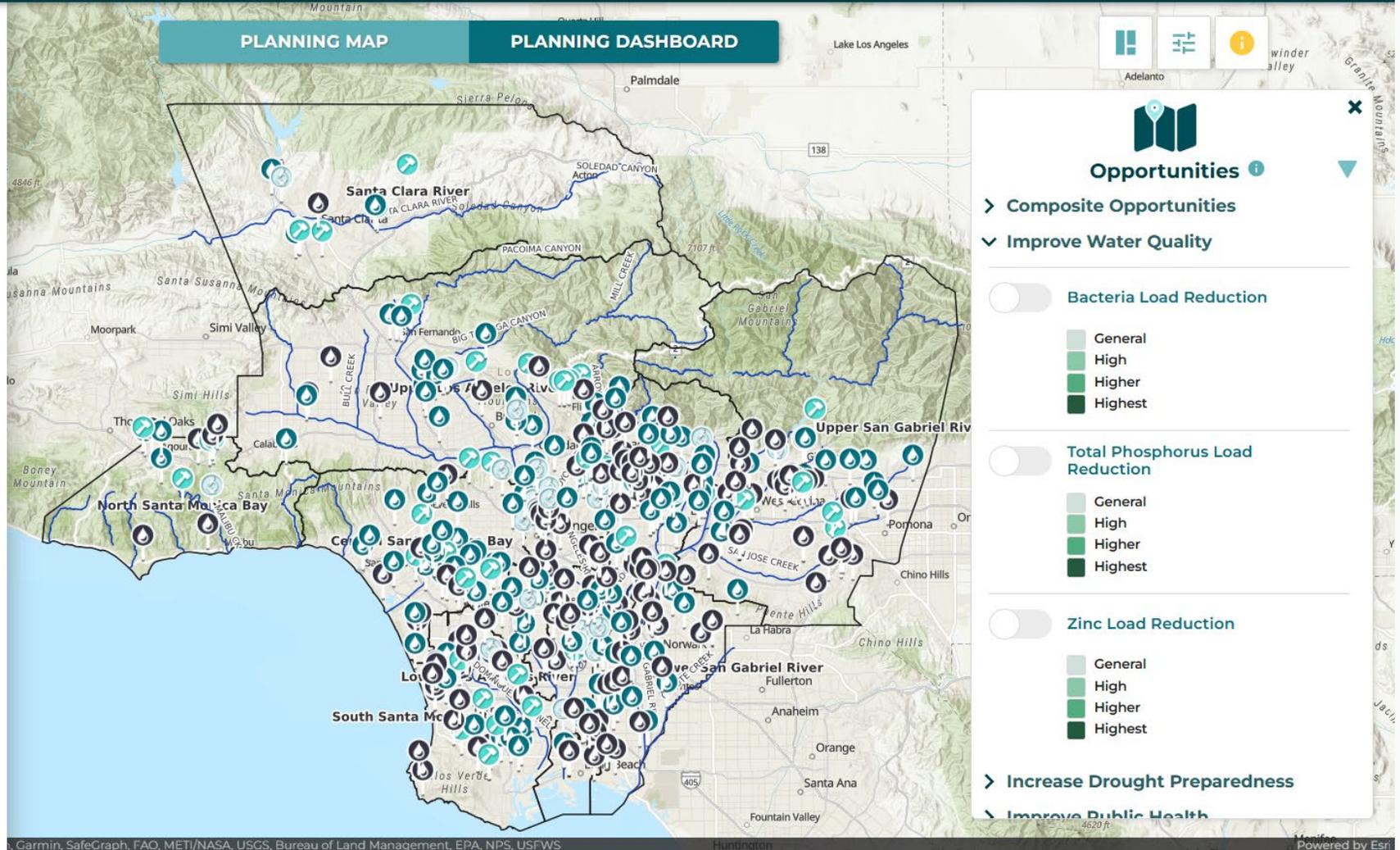


Click on a Project on the map to learn more about benefits predicted by in-progress Projects and delivered by constructed Projects.

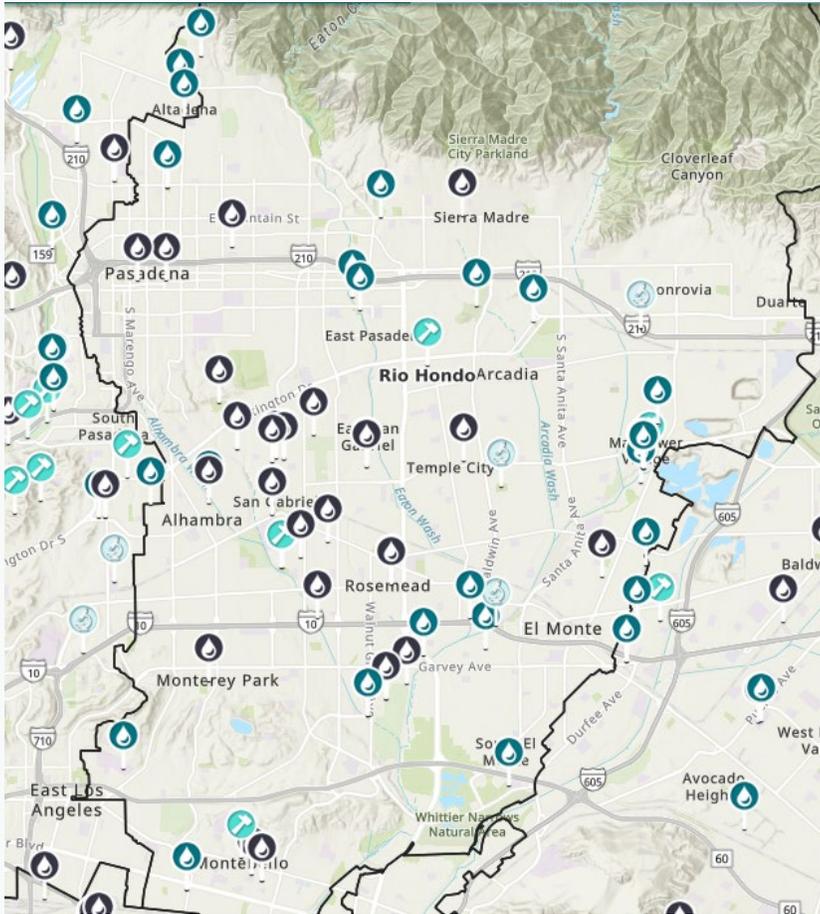
Turn on opportunity layers to visualize areas with the most potential for Projects to support progress toward SCW Program Goals.



Use the Planning Dashboard to explore summaries of Project benefits and view progress toward SCW Program Targets.



# Using the Filter Sidebar in the Planning Map



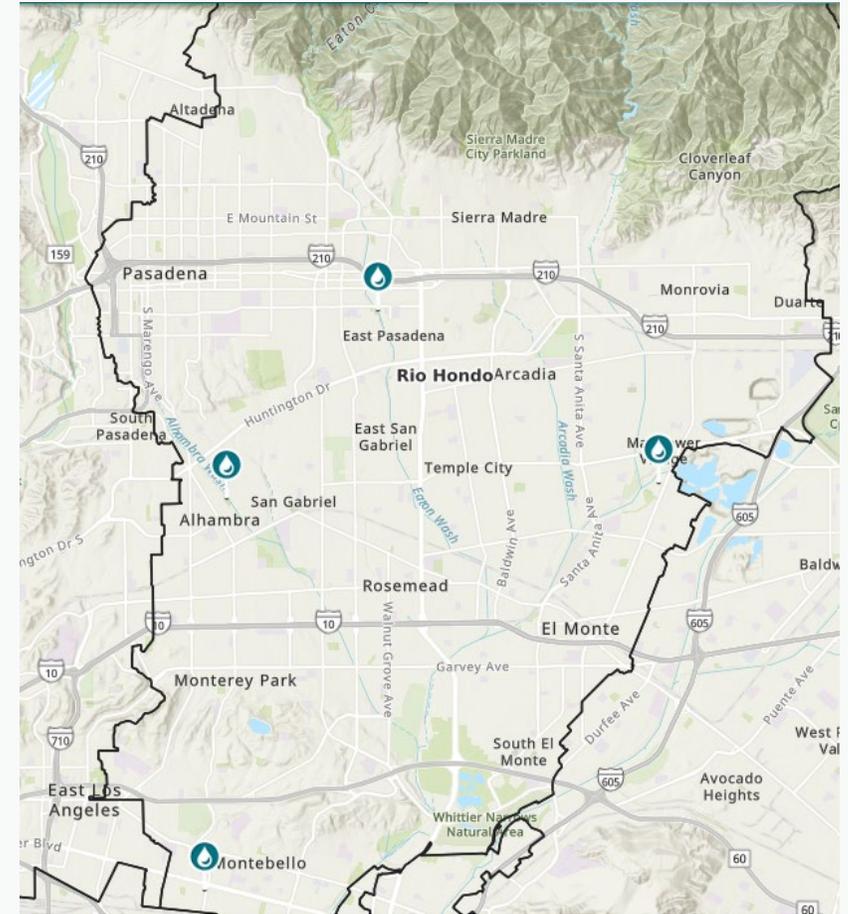
**PROGRAM**

- Regional Infrastructure Projects
- Regional Technical Resources
- Regional Scientific Studies
- Municipal Infrastructure Projects

**PROJECT STATUS**

- Constructed
- In Progress
- Under Consideration

Rio Hondo

A large, solid green arrow pointing from the left map towards the right map, indicating the process of applying filters to the map data.

# Project Pin Info in the Planning Map

**INFRASTRUCTURE PROJECT**

**Earvin "Magic" Johnson Park Operation and Maintenance Project**

**DETAILS** | **PLANNING**

**PLANNING MAP** | **PLANNING DASHBOARD**

**SEARCH BY KEYWORD**

Keyword: "Magic" Johnson **SUBMIT**

**PROJECT DESCRIPTION**  
O&M of pump station, treatment facility & stormwater BMPs to ensure project improves water quality, provides water reuse & park enhancements

**PROJECT APPLICATION**  
[View PDF](#)

**EXECUTIVE SUMMARY**  
[View Executive Summary](#)

**PROJECT REPORTS**  
▶ 6 REPORTS

Municipality: **N/A**

Watershed Area: **UPPER LOS ANGELES RIVER**

Project Developer: **LOS ANGELES COUNTY PUBLIC WORKS**

Funding Year: **2023-24**

**Earvin "Magic" Johnson Park Operation and Maintenance Project** \$2M

Map labels: Santa Monica Bay, Upper Los Angeles River, Lower Los Angeles River, Willowbrook, Compton, East Rancho Dominguez, West Athens, West Rancho Dominguez, Lynwood.

## Project Pin Info in the Planning Map

DETAILS
PLANNING

Municipality  
**N/A**

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Watershed Area  
**UPPER LOS ANGELES RIVER**

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Project Developer  
**LOS ANGELES COUNTY PUBLIC WORKS**

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Funding Year  
**FY23-24**

---

Status  
**FUNDED**

---

BMP Type  
**TREATMENT FACILITY**

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Funding Requested  
**\$1,625,000**

WATER CAPTURED



Households per year

---

TOTAL ZINC REDUCTION



100%

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FINAL SCW SCORE



67

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FUNDING REQUESTED

**\$1.6M**

[Show Cost Details](#)

DETAILS
PLANNING

**Planning Themes**

▼ Improve Water Quality

Zinc Load Reduction	129.3 lbs/yr
Total Phosphorus Load Reduction	207.9 lbs/yr

▼ Increase Drought Preparedness

Average annual stormwater captured	56.5 ac-ft/yr
Average annual stormwater captured and recharged	0 ac-ft/yr

▼ Improve Public Health

▶ Net area park created, enhanced, or restored	6 ac
▶ Net area of green space created	0 ac

# Viewing Opportunities in the Planning Map

## OPPORTUNITIES AT SELECTED LOCATION

Use this panel to review details for the opportunities selected in the map legend. Click a location on the map to view the corresponding opportunity rankings for that area. For composite opportunities, expand each item to see the rankings for the individual opportunities that make up the composite.

CURRENT LOCATION SELECTED:

Latitude: 34.21750 Longitude: -118.45145

### Composite Opportunities

#### Opportunity to Improve Water Quality and Increase Water Supply

Highest

#### Improve Water Quality

Bacteria Load Reduction

Higher

Total Phosphorous Load Reduction

Highest

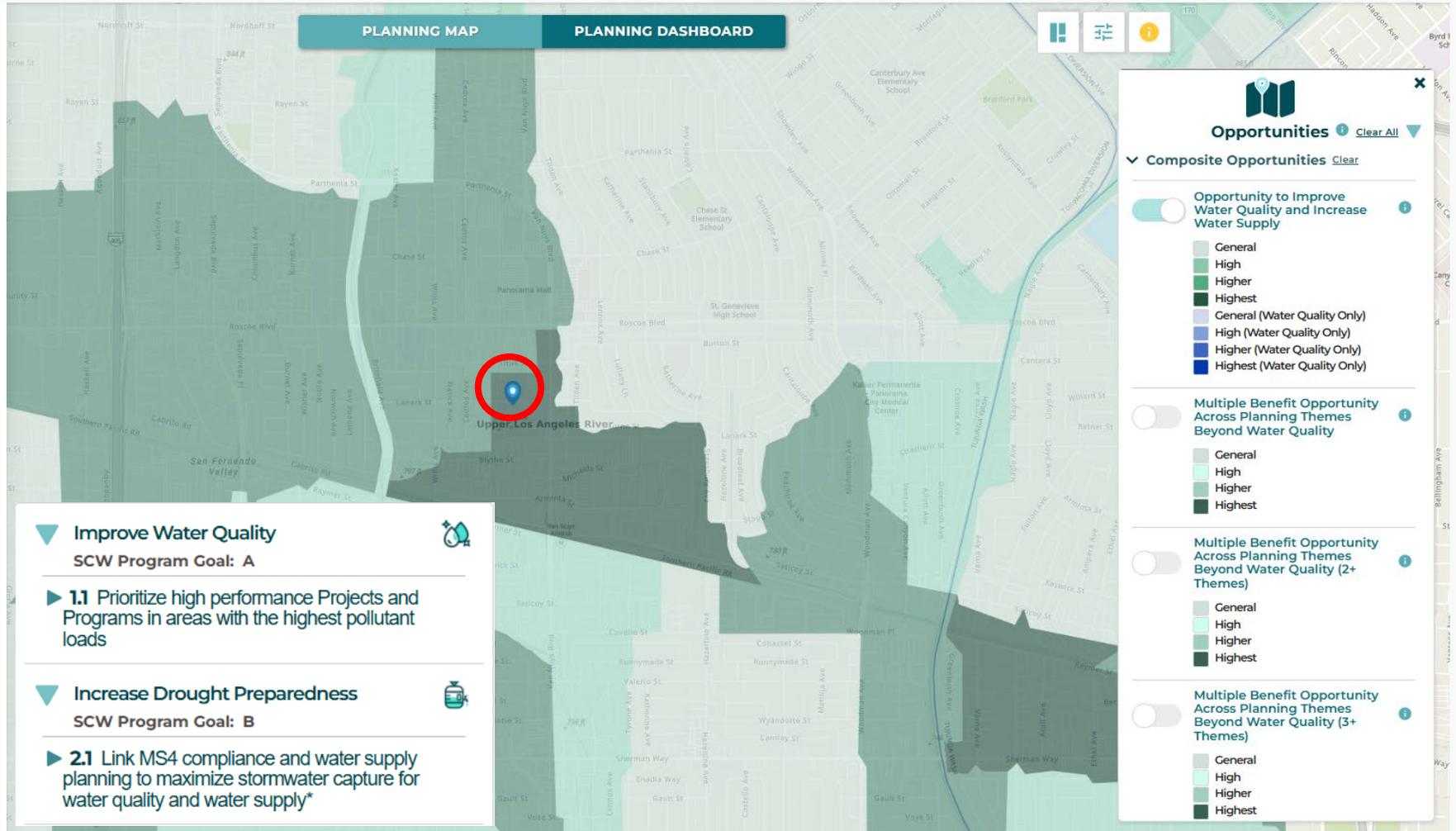
Zinc Load Reduction

Highest

#### Increase Drought Preparedness

Increase Local Supply Through Stormwater Capture (by Project Type)

Higher (Wet or Dry)



# Watershed Planning Tool: Planning Dashboard

SAFE CLEAN WATER PROGRAM
MAP DASHBOARD **PLANNING** REPORTS BIDS & SCHEDULES APPLY

PLANNING MAP PLANNING DASHBOARD

### WATERSHED PLANNING TOOL DASHBOARD

The Planning Tool Dashboard visualizes progress toward Safe, Clean Water Program (SCW Program) Goals by quantifying Project benefits. [Hover here for more info.](#)

Click on a Planning Theme below to get started!

#### SAFE CLEAN WATER PROGRAM WATERSHED PLANNING THEMES

Improve Water Quality

Increase Drought Preparedness

Improve Public Health

Deliver Multi-Benefits with Nature-Based Solutions & Diverse Projects

Leverage Funding & Invest in Research & Development

Equitably Distribute Benefits

Promote Green Jobs & Career Pathways

Ensure Ongoing Operations & Maintenance for Projects

Prioritize Meaningful Engagement

#### PROGRESS TO DATE BY PLANNING THEME AND INDICATOR

IMPROVE WATER QUALITY

A SCW Program Goal (18.04.A)

##### Zinc Load Reduction [lbs/yr]

Category	Value
2038 SCWP Target	55k
2032 SCWP Target	30k
2025 Total Benefits	10.1k
2025 Constructed Baseline	4.6k

##### Total Phosphorus Load Reduction [lbs/yr]

Category	Value
2038 SCWP Target	110k
2032 SCWP Target	50k
2025 Total Benefits	8.3k
2025 Constructed Baseline	9.1k

● Anticipated Benefits (Constructed Projects)
 ● Anticipated Benefits (Planned Projects)
 ● Under Consideration

# Viewing Baselines, SCW Program Targets, and Progress in the Planning Tool

### PROJECT FILTERS

SEARCH BY KEYWORD

Keyword  SUBMIT

PROGRAM

Regional Infrastructure Projects

Municipal Infrastructure Projects

PROJECT STATUS

Constructed

In Progress

Under Consideration

WATERSHED AREA

SCW Program-wide

Central Santa Monica Bay

Lower Los Angeles River

Lower San Gabriel River

North Santa Monica Bay

Rio Hondo

Santa Clara River

South Santa Monica Bay

Upper Los Angeles River

Upper San Gabriel River

### PROGRESS TO DATE BY PLANNING THEME AND INDICATOR

#### IMPROVE WATER QUALITY

**A SCW Program Goal (18.04.A)**

**Zinc Load Reduction [lbs/yr]**

Category	Value
2025 Total Benefits	10.1k
2025 Constructed Baseline	4.6k

**Total Phosphorus Load Reduction [lbs/yr]**

Category	Value
2025 Total Benefits	11.3k
2025 Constructed Baseline	9.1k

● Anticipated Benefits (Constructed Projects) ● Anticipated Benefits (Planned Projects) ● Under Consideration

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#### INCREASE DROUGHT PREPAREDNESS

**B SCW Program Goal (18.04.B)**

**Increase Local Supply Through Stormwater Capture [ac-R/yr]**

Category	Value
2025 Total Benefits	10.9k
2025 Constructed Baseline	9.5k

**Increase Local Supply Through Groundwater Recharge and Storage [ac-R/yr]**

Category	Value
2025 Total Benefits	22.6k
2025 Constructed Baseline	6.9k

● Anticipated Benefits (Constructed Projects) ● Anticipated Benefits (Planned Projects) ● Under Consideration

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#### IMPROVE PUBLIC HEALTH

**C SCW Program Goal (18.04.C)**

**Net Area of Park & Green Space Created [acres]**

Category	Value
2025 Total Benefits	63
2025 Constructed Baseline	47

**Net Area of Green Space at Schools Created [acres]**

Category	Value
2025 Total Benefits	119
2025 Constructed Baseline	119

**Net Area of Park Enhanced or Restored [acres]**

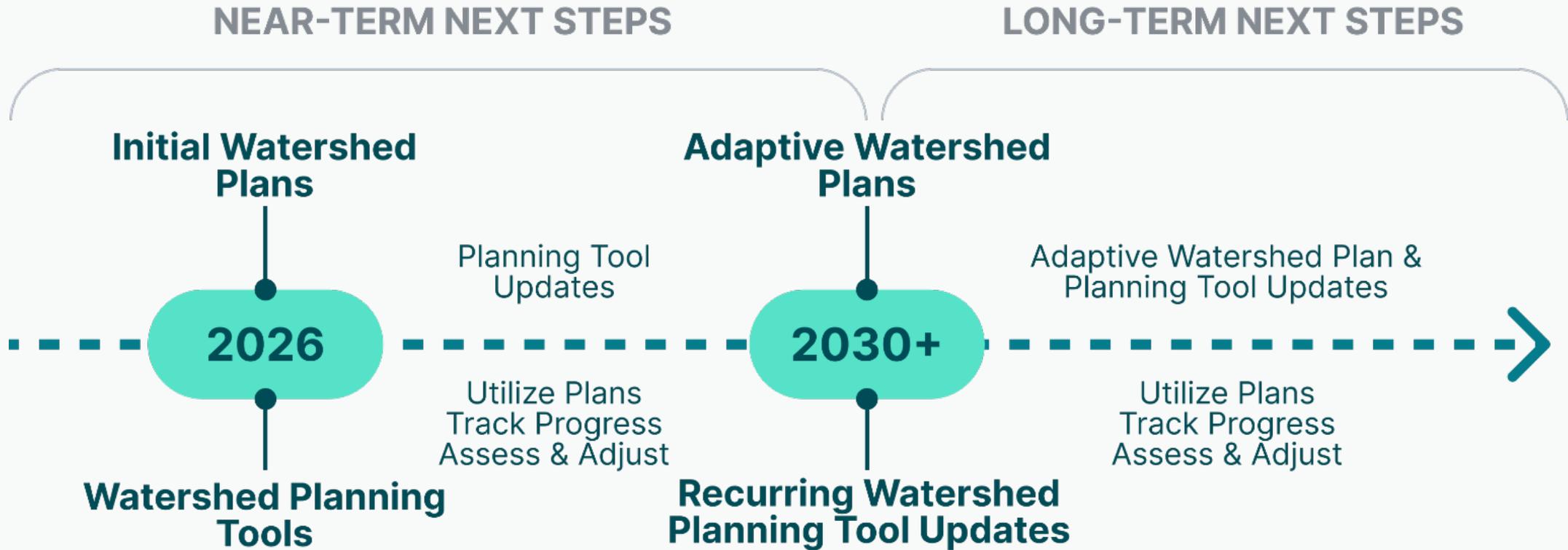
Category	Value
2025 Total Benefits	132
2025 Constructed Baseline	119

**Net New Area & Shading**

Category	Value
2025 Total Benefits	332
2025 Constructed Baseline	332

● Anticipated Benefits (Constructed Projects) ● Anticipated Benefits (Planned Projects) ● Under Consideration

# Next Steps and Recommendations for Watershed Planning



# Questions?

# Thank you

QUESTIONS?

Contact

[WatershedPlanning@PW.LACounty.gov](mailto:WatershedPlanning@PW.LACounty.gov)