



**SAFE CLEAN
WATER PROGRAM**

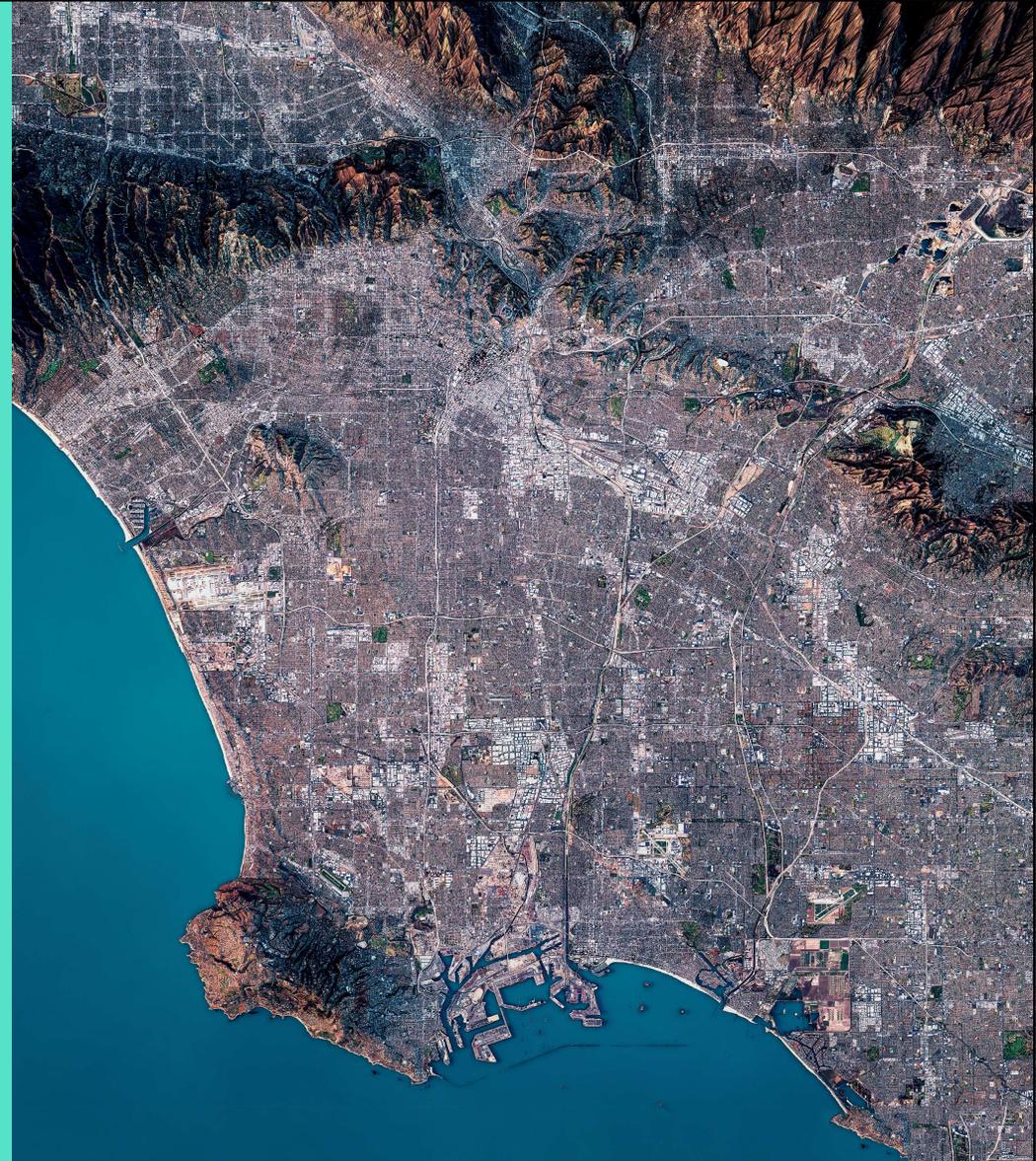
Initial Watershed Plans Developer Info Session

PRESENTED BY:

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

March 18, 2026



What We're Covering Today

1. How We Got Here
2. Intro to Initial Watershed Plans (IWPs) and Planning Tool
3. Feasibility Study Guidelines (FSG) 20th Requirement
4. Aligning with the IWPs
5. 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

Overview of Efforts to Date

- Extensive Stakeholder and Community Engagement, including **over 50 meetings** and a **45-day public review period**
- **Over 1.4k responses** collected for the Community Strength & Needs Assessment
- Compiled data from **nearly 800 SCWP funded Projects and Programs**



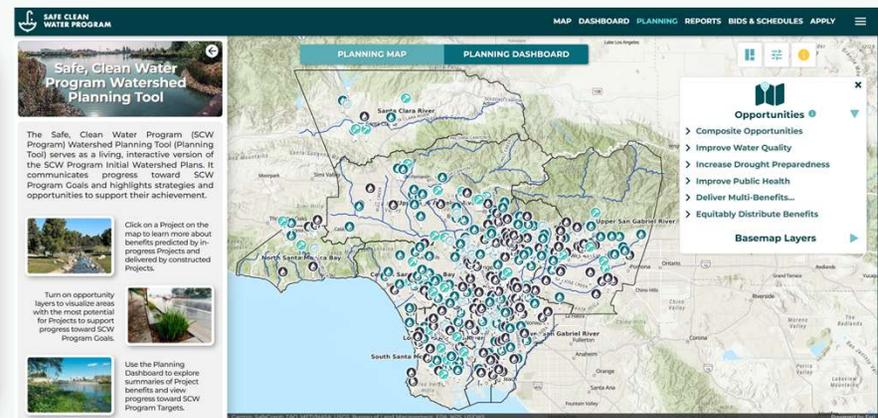
Watershed Planning Initiative: Initial Watershed Plans and Online Planning Tool

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.

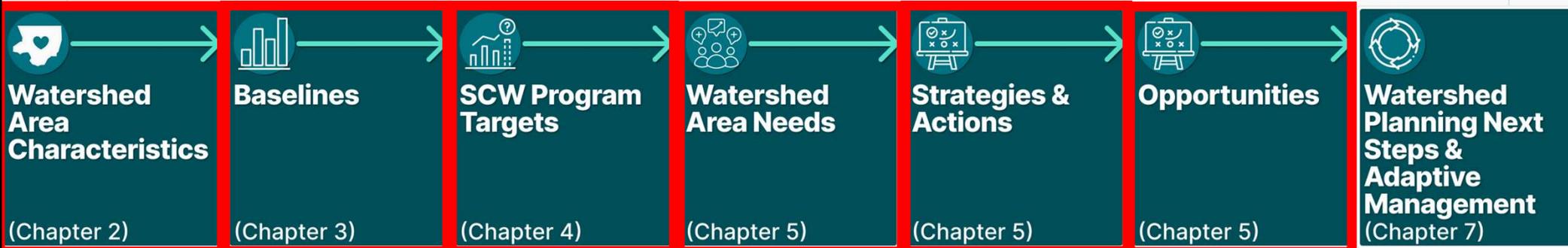
Online Planning Tool

- 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



Watershed Planning Outputs: Throughline

The core of the Initial Watershed Plans is based on the “throughline” which translates the 14 SCW Program Goals to realistic strategies, actions, and opportunities that accelerate the Program’s benefits.



Opportunities: Physical or conceptual areas with the most potential for Projects and Programs to address Watershed Area Needs and advance SCW Program Goals

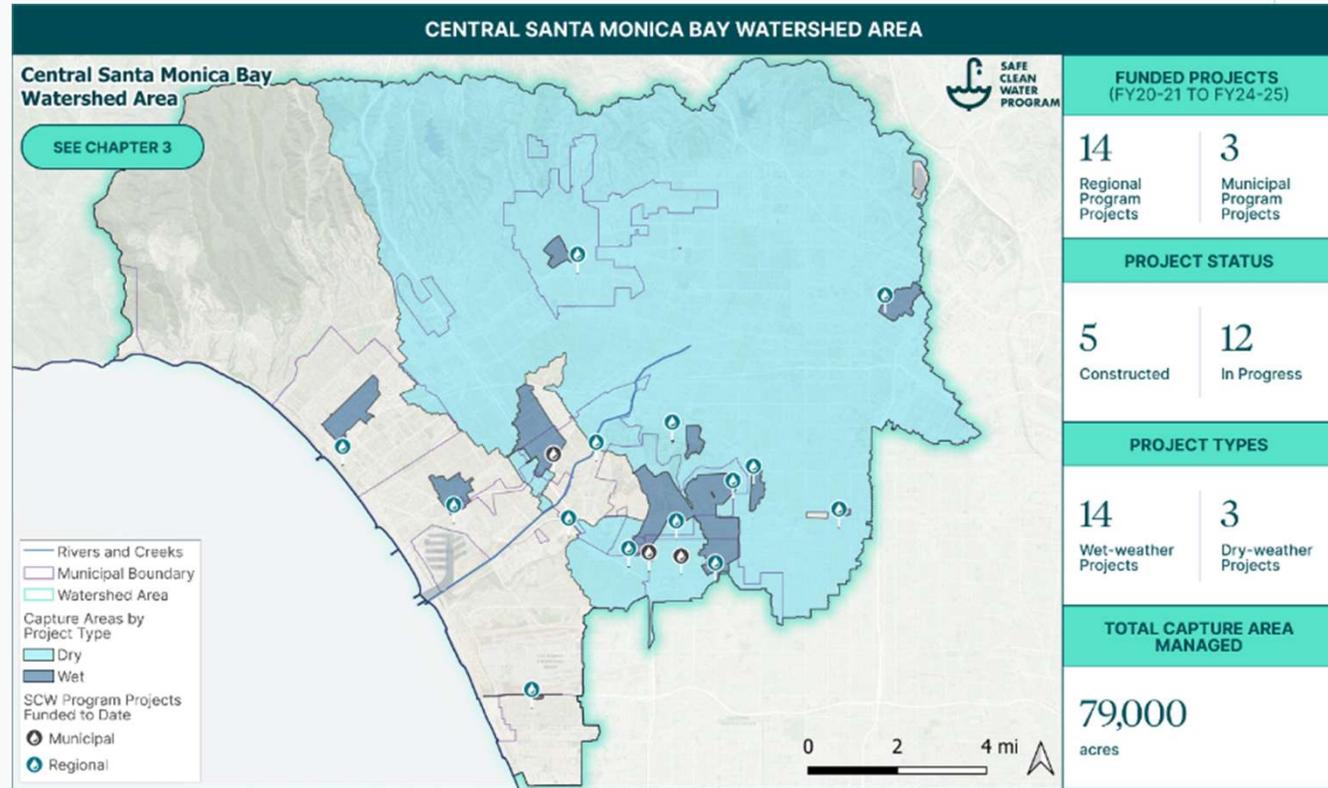
WA Needs: The difference between targets and baselines



**As defined by the Watershed Planning Process*

Baselines and Benefits Provided by Funded Projects

- Regional and Municipal Program Projects
- FY20-21 through FY24-25
- Summarizes Total Benefits



Quantifying Progress Toward SCW Goals



Los Angeles County Flood Control District Code Chapter 16

16.02.B. Provide funding for Programs and Projects to increase Stormwater and Urban Runoff capture and reduce Stormwater and Urban Runoff pollution in the District, including **Projects and Programs providing a Water Supply Benefit, Water Quality Benefit, and Community Investment Benefit.**

Planning Theme	Improve Water Quality	Increase Drought Preparedness	Improve Public Health
<p>A SCW Program Goal (18.04.A) Goal Description</p> <p>[LEGEND]</p>	<p>A SCW Program Goal (18.04.A) Improve water quality and contribute to attainment of water-quality requirements.</p>	<p>B SCW Program Goal (18.04.B) Increase drought preparedness by capturing more Stormwater and/or Urban Runoff to store, clean, reuse, and/or recharge groundwater basins.</p>	<p>C SCW Program Goal (18.04.C) Improve public health by preventing and cleaning up contaminated water, increasing access to open space, providing additional recreational opportunities, and helping communities mitigate and adapt to the effects of climate change through activities such as increasing shade and green space.</p>
Deliver Multi-Benefits with Nature-Based Solutions & Diverse Projects	Leverage Funding & Invest in Research & Development	Equitably Distribute Benefits	
<p>E SCW Program Goal (18.04.E) Invest in infrastructure that provides multiple benefits.</p>	<p>D SCW Program Goal (18.04.D) Leverage other funding sources to maximize SCW Program Goals.</p>	<p>J SCW Program Goal (18.04.J) Provide DAC Benefits, including Regional Program infrastructure investments, that are not less than one hundred and ten percent (110%) of the ratio of the DAC population to the total population in each Watershed Area.</p>	
<p>F SCW Program Goal (18.04.F) Prioritize Nature - Based Solutions.</p>	<p>H SCW Program Goal (18.04.H) Encourage innovation and adoption of new technologies and practices.</p>	<p>K SCW Program Goal (18.04.K) Provide Regional Program infrastructure funds benefitting each Municipality in proportion to the funds generated within their jurisdiction, after accounting for allocation of the one hundred and ten percent (110%) return to DACs, to the extent feasible.</p>	
<p>G SCW Program Goal (18.04.G) Provide a spectrum of project sizes from neighborhood to regional scales.</p>	<p>I SCW Program Goal (18.04.I) Invest in independent scientific research.</p>		
<p>L SCW Program Goal (18.04.L)* Implement an iterative planning and evaluation process to ensure adaptive management.</p>	Promote Green Jobs & Career Pathways	Ensure Ongoing Operations & Maintenance	Prioritize Meaningful Engagement
	<p>M SCW Program Goal (18.04.M) Promote green jobs and career pathways.</p>	<p>N SCW Program Goal (18.04.N) Ensure ongoing operations and maintenance for Projects.</p>	<p>Meaningful engagement is fundamental to the achievement of all Goals.</p>

* While not aligned with a specific theme, Goal L is supported by Watershed Planning as a whole.

Strategies for Addressing Needs and Achieving Goals

SCW PROGRAM-WIDE STRATEGIES	
IMPROVE WATER QUALITY Goal A	
1.1	Prioritize high performance Projects and Programs in areas with the highest pollutant loads
INCREASE DROUGHT PREPAREDNESS Goal B	
2.1	Link MS4 compliance and water supply planning to maximize stormwater capture for water quality and water supply*
IMPROVE PUBLIC HEALTH 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
DELIVER MULTI-BENEFITS WITH NATURE-BASED SOLUTIONS & DIVERSE PROJECTS 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
LEVERAGE FUNDING & INVEST IN RESEARCH & DEVELOPMENT 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
EQUITABLY DISTRIBUTE BENEFITS 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
PROMOTE GREEN JOBS AND CAREER PATHWAYS 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
ENSURE ONGOING OPERATIONS & MAINTENANCE FOR PROJECTS 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
PRIORITIZE MEANINGFUL ENGAGEMENT	
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

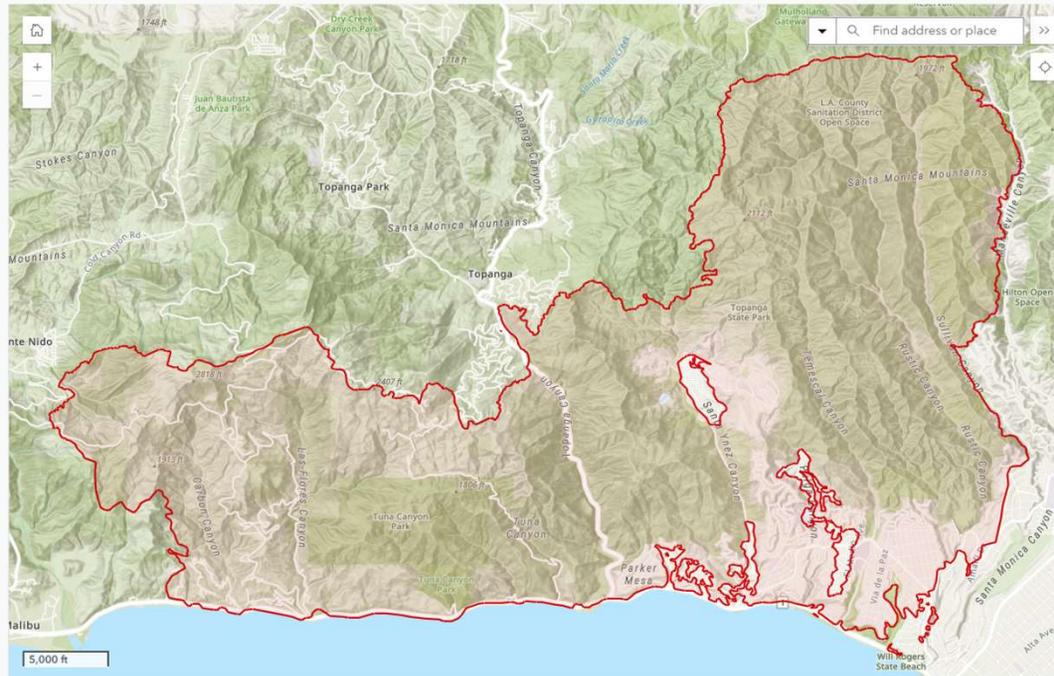
Strategies for Addressing Needs and Achieving Goals

ENSURE ONGOING OPERATIONS & MAINTENANCE FOR PROJECTS Goal N

8.3 Promote wildfire resilience through fire-resilient O&M protocols for Projects

PRIORITIZE MEANINGFUL ENGAGEMENT

9.3 Promote fire-adapted communities through enhanced education and outreach



Recommended Strategies, Actions, and Involved Parties

- Each strategy is composed of a series of actions
- WASC Priority Strategies are included
- Involved Parties are listed

Upper San Gabriel River Watershed Area Strategies and Actions 			
Improve Water Quality SCW Program Goal A			
Watershed Area Needs (by 2038)		17,200 Zinc Load Reduction (lbs/yr)	62,500 Total Phosphorus Load Reduction (lbs/yr)
		1,060 ac-ft Approx. 24-hr Project Capacity to meet WQ WA Needs	
Strategies	Action(s)		Who Should be Involved
1.1. Prioritize high performance Projects and Programs in areas with the highest pollutant loads	1.1.1 Implement Projects where stormwater runoff is not currently managed by an existing stormwater capture Project or major capture facility by referencing the <i>Opportunity to Improve Water Quality and Increase Water Supply</i> composite layer.	NEAR TERM	WASCs, Municipalities, Project & Program proponents
	1.1.2 Prioritize wet-weather Projects for a total estimated 24-hour Project capacity of approx. 1,060 ac-ft , and which are located in areas with the highest average annual load reduction opportunity for zinc, total phosphorous, and bacteria. Reference the <i>Opportunity to Improve Water Quality</i> layer.	NEAR TERM	WASCs, Municipalities, Project proponents
	1.1.3 Invest in research to evaluate and standardize the quantification of bacteria, total DDT, total PCBs, and trash in managed and unmanaged stormwater runoff.	NEAR TERM	Public Works
	1.1.4 Support Municipalities in implementing small-scale and distributed Projects and encourage Municipalities to bundle multiple small Projects into larger funding applications where appropriate to maximize cost-efficiency.	NEAR TERM	Public Works, Municipalities
	1.1.5 Select a combination of regional Projects with distributed surface capture Projects, such as green streets.	LONG TERM	WASCs, Municipalities, Project proponents
	1.1.6 Address knowledge gaps pertaining to BMP treatment effectiveness and new treatment technologies through Scientific Studies to bolster Project effectiveness.	LONG TERM	Public Works, Scientific Study proponents
	1.1.7 Select and integrate post-construction monitoring metrics into Project reporting to support consistent evaluation and tracking of Project post-construction performance.	NEAR TERM	Public Works
1.2. Identify and prioritize priority MS4 outfalls for Project and Program implementation**	1.2.1 Establish an approach for using regional water quality monitoring data collected through MS4 Programs to assess trends with regards to hydrology and water quality.	NEAR TERM	Public Works
	1.2.2 Build from the SCW Program Scientific Study <i>Load Reduction Strategy Adaptation to Address the LA River Bacteria TMDL for the Upper Los Angeles River Watershed Management Group</i> and Coordinated Integrated Monitoring Programs to identify priority MS4 outfalls for Project and Program implementation. Although this Scientific Study was not originally funded in the USGR WA, its findings may serve as a valuable reference to inform a Scientific Study specific to the USGR WA.	NEAR TERM	Public Works, Scientific Study proponents

** USGR WASC Priority Strategy based on engagement

Watershed Planning Tool: Planning Map

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



Safe, Clean Water Program Watershed Planning Tool

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.

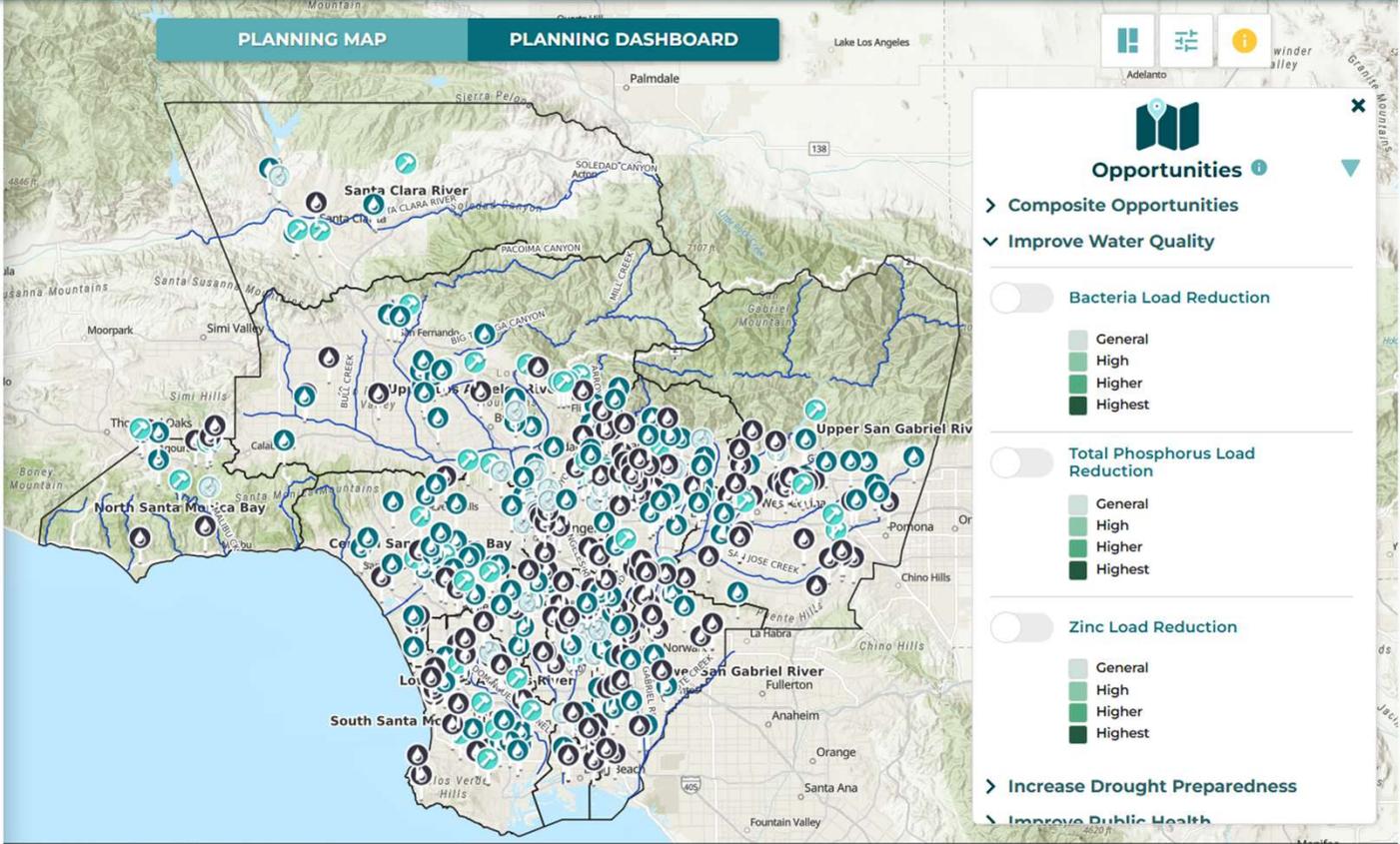


Turn on opportunity layers to visualize areas with the most potential for Projects to support progress toward SCW Program Goals.



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

PLANNING MAP
PLANNING DASHBOARD



Opportunities

Composite Opportunities

Improve Water Quality

Bacteria Load Reduction

- General
- High
- Higher
- Highest

Total Phosphorus Load Reduction

- General
- High
- Higher
- Highest

Zinc Load Reduction

- General
- High
- Higher
- Highest

Increase Drought Preparedness

Improve Public Health

Watershed Planning Tool: Planning Dashboard

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

SCW Program Goal (18.04.A)

Zinc Lead Reduction [lbs/yr]

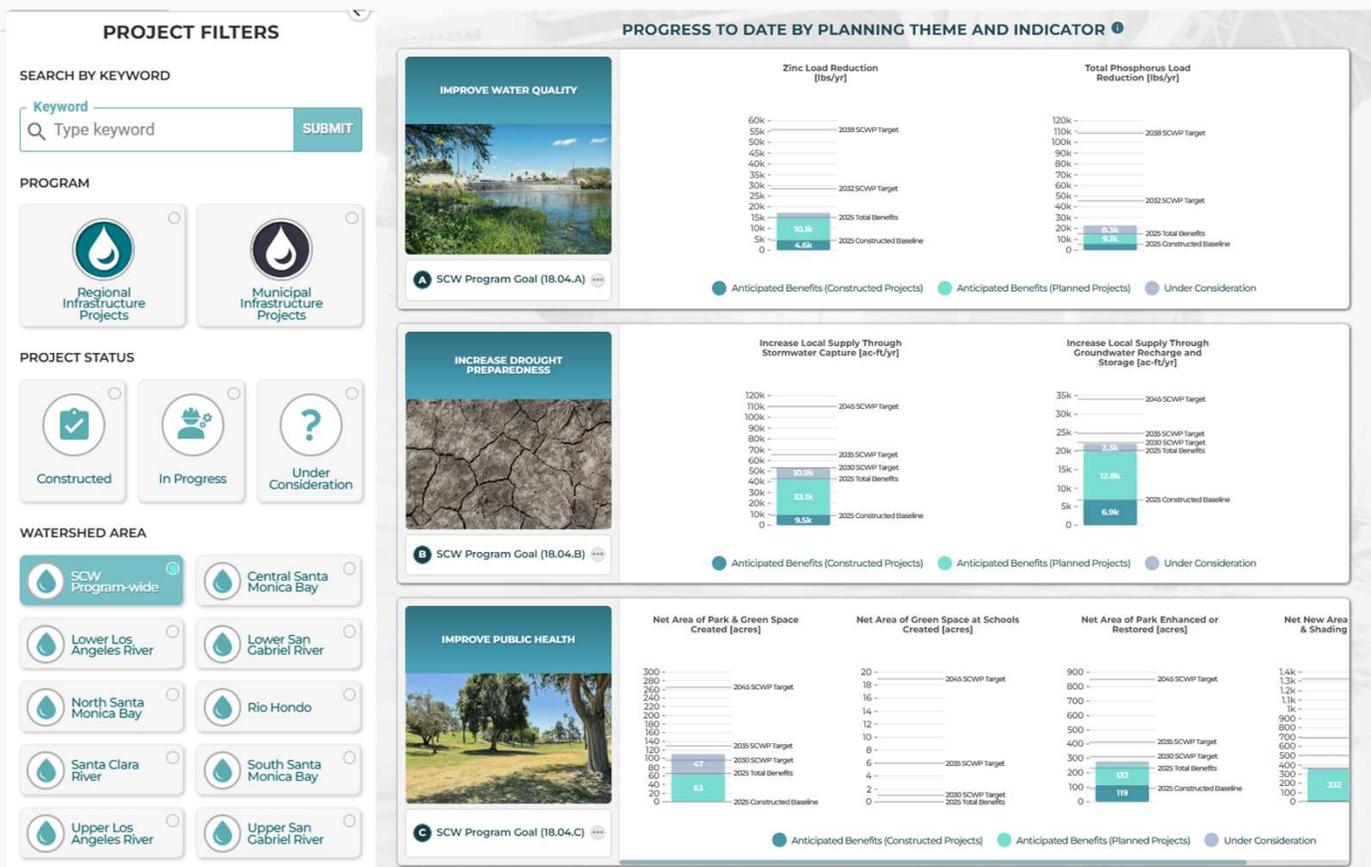
2025 Total Benefits	10.3k
2025 Constructed Baseline	4.6k

Total Phosphorus Load Reduction [lbs/yr]

2025 Total Benefits	8.3k
2025 Constructed Baseline	3.3k

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

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



New FSG 20th Requirement

What is it:

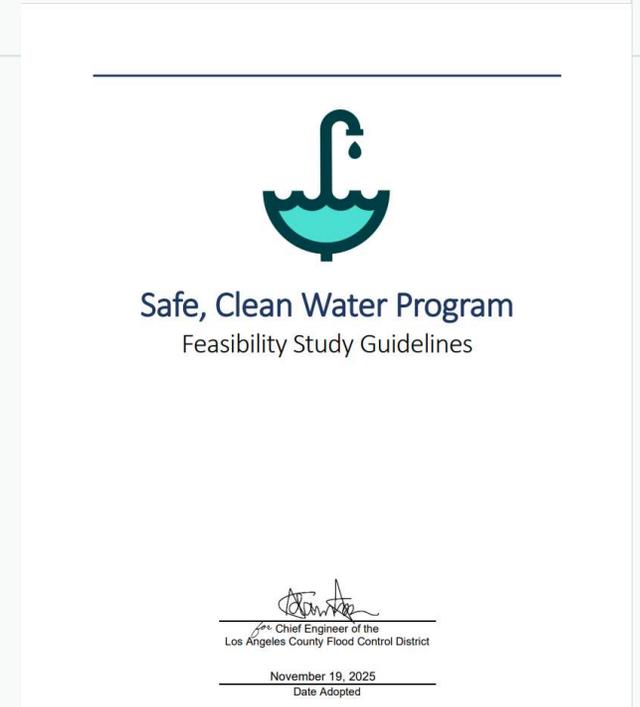
- An addendum to the SCW Program Feasibility Study Guidelines (FSG)

Who it affects:

- Regional Infrastructure Program and TRP Applicants

What it requires applicants to do:

- Describe how proposed projects align with the Initial Watershed Plans



20. A detailed description of how the Project aligns with the applicable Watershed Area's watershed plan, including how it supports identified goals and priorities.¹

Project Module Mockup

 **SAFE CLEAN WATER PROGRAM**
MENU ▾

Project Model 📄

[Environmental Documents & Permits](#)
[Vector Minimization](#)
[Alternatives](#)
[Effectiveness](#)
[Legal Requirements & Obligations](#)
[Watershed Planning Alignment](#)
[Technical Reports](#)
[Other](#)

Project Alignment with the Initial Watershed Plans

The Initial Watershed Plans provide detailed information on SCW Program-wide and WA-specific targets, WA Needs, strategies, and opportunities within the scope of the SCW Program. The 20th Feasibility Study requirement requires a detailed description of how a proposed project aligns with the applicable WA's Initial Watershed Plan, including how it supports identified goals and priorities.

Opportunities Identified at Project Location

These opportunities and rankings below are automatically identified using the project location information provided in the Location portion of this application. Please use the check boxes below to select opportunities that align with your project and that you would like included in the application.

<input checked="" type="checkbox"/>	Opportunity to Improve Water Quality and Increase Water Supply	HIGHEST
<input checked="" type="checkbox"/>	Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality	HIGHER
<input checked="" type="checkbox"/>	Bacteria Load Reduction	HIGH
<input checked="" type="checkbox"/>	Total Phosphorus Load Reduction	HIGHER
<input checked="" type="checkbox"/>	Zinc Load Reduction	GENERAL
<input checked="" type="checkbox"/>	Increase Local Supply Through Stormwater Capture (by Project Type)	HIGH (WET OR DRY)
<input checked="" type="checkbox"/>	Increase Local Supply Through Groundwater Recharge and Storage	HIGH

Note that slide shows a mockup of what the Projects Module will look like after updating.

Project Module Mockup

Watershed Planning Themes and Initial Watershed Plan Strategies

Project proponents are encouraged to intentionally select and describe project design features that align with the respective Watershed Area Needs and strategies as identified in the Watershed Plans (refer to Chapter 5). Please select the strategies under each Planning Theme that this project will support. For each selected strategy, provide a description of how the project's design features or anticipated benefits directly supports that strategy. Descriptions should demonstrate how the project delivers multiple benefits while directly supporting Watershed Area Needs and SCW Program Goals. 

Improve Water Quality

Select strategies under this Planning Theme that this project will support

Please select strategies 

- 1.1 Prioritize high performance Projects and Programs in areas with the highest pollutant loads
- 1.2 Consider relationship of regulated runoff to Los Angeles Unified School District and other school district properties
- 1.3 Improve water quality and mitigate post-fire runoff through targeted Nature-Based Solutions

Please describe project benefits related to the selected strategies.

Detailed description

ZINC LOAD REDUCTION:
3 lbs/yr

TOTAL PHOSPHORUS LOAD REDUCTION:
3 lbs/yr

Note that slide shows a mockup of what the Projects Module will look like after updating.

Lower Los Angeles River Watershed Area Example for Aligning Projects with the Initial Watershed Plan

Lower Los Angeles River Watershed Area Aligning Projects
with Initial Watershed Plan Strategies, Actions, and Opportunities



COMMUNITY INVESTMENT BENEFITS

- IMPROVE WATER QUALITY
- IMPROVE WATER SUPPLY
- IMPROVE COMMUNITY RESILIENCE
- IMPROVE LOCAL ECONOMY

COMMUNITY SUPPORT

DOANNEY FC

Apollo Park Stormwater Capture Project

Current Phase: Planning

Project Description:
The Apollo Park Stormwater Capture Project will deliver a range of benefits to the local community and environment. This Project includes both **underground and above-ground improvements to improve water quality, augment groundwater storage, and provide community benefits.** The Project is located at the bottom of a 268-acre drainage area where 60% of stormwater runoff is conveyed through a storm drain network to the Project site and the remaining 40% will be captured by a proposed drain line and drop-inlet structure. The main Project component is the installation of a regional and onsite stormwater capture and infiltration diversion facility that will be located beneath open space at Apollo Park. The Project will also **revitalize park facilities**—such as updated irrigation, new walkways, and expanded green space—and **utilize nature-based features** like biofiltration cells, permeable pavement and a bird and butterfly garden will also **boost local biodiversity** and provide environmental education opportunities.

Example Project Benefits Organized by Alignment with Initial Watershed Plan Strategies

Improve Water Quality (Goal A)

1.1 Prioritize high performance Projects and Programs in areas with the highest pollutant loads (e.g., action 1.1.1)

Example Project Benefits:

- Total Zinc as the primary pollutant addressed
- 13.6 ac-ft of 24-hour Project storage capacity

Increase Drought Preparedness (Goal B)

2.1 Link MS4 compliance and water supply planning to maximize stormwater capture for water quality and water supply (e.g., actions 2.1.1, 2.1.2)

2.2 Maximize stormwater runoff capture and management for water supply (e.g., action 2.2.1)

2.3 Enhance local water supply through groundwater recharge, diversion to sanitary sewer, and onsite reuse

Example Project Benefits:

- Increase local supply by 116 acre-feet/yr through infiltration to the underlying groundwater basin
- Project opportunity identified by the Lower Los Angeles River Watershed Management Program

Improve Public Health (Goal C)

3.5 Create, enhance, and restore park and green space, especially in high-need communities (e.g., action 3.3.1, 3.3.2)

3.6 Help communities most affected by extreme heat mitigate and adapt to the effects of climate change (e.g., actions 3.4.1, 3.4.2)

Example Project Benefits:

- 3 enhanced recreational features (grass turf replacement, new fencing and walkways, and new baseball field and lighting)
- New Areas of Canopy, Cooling, and Shading Surfaces (vegetation and permeable pavement) to reduce urban heat island effect
- 0.45-acres of green space created

Deliver Multi-Benefits with Nature-Based Solutions & Diverse Projects (Goal E, F, G)

4.3 Deliver nature-based, multi-benefit Projects and Program that improve water quality while addressing community priorities and concerns (e.g., action 4.4.1)

Example Project Benefits:

- Permeable pavement parking lot
- Habitat created through green infrastructure features (biofiltration cells with native landscaping)



See Section 5.2.1.11,
Figure 5-34

South Santa Monica Bay Watershed Area Example for Aligning Projects with the Initial Watershed Plan

South Santa Monica Bay Watershed Area Strategies and Actions

Aligning Projects with Initial Watershed Plan Strategies, Actions, and Opportunities



Downtown Lomita Multi-Benefit Stormwater Project

Current Phase: Design

Project Description:
The Downtown Lomita Multi-Benefit Stormwater Project will deliver a range of benefits to the local community and environment. This Project includes both **underground and above-ground improvements to improve water quality, augment groundwater storage, and provide community benefits.** The Project will divert 5.6 acre-feet of stormwater from three LACFCD storm drains in downtown Lomita with a 110-acre drainage area to an infiltration gallery and series of drywells. The Project will also **revitalize park facilities**—such as a bike lanes, new walkways, benches, and expanded green space—and **utilize nature-based features** like bioretention zones, permeable pavement, shade trees, and native vegetation. This integrated approach addresses flood risk, water quality, public recreation, and livability in one cohesive design.

Example Project Benefits Organized by Alignment with Initial Watershed Plan Strategies

Improve Water Quality (Goal A)

1.1 Prioritize high performance Projects and Programs in areas with the highest pollutant loads (e.g., action 1.1.2)

Example Project Benefits:

- Total Zinc as the primary pollutant addressed
- 5.65 ac-ft of 24-hour Project storage capacity

Increase Drought Preparedness (Goal B)

2.1 Link MS4 compliance and water supply planning to maximize stormwater capture for water quality and water supply (e.g., actions 2.1.1, 2.1.2)

2.2 Maximize stormwater runoff capture and management for water supply (e.g., action 2.2.1)

2.3 Enhance local water supply diversion to sanitary sewer and onsite reuse

Example Project Benefits:

- Increase local supply by 5.6 acre-feet/year through diversion to infiltration gallery and series of drywells. Feasibility of irrigation system that utilizes captured stormwater for on-site reuse will be determined in design phase, further augmenting local supply.

Improve Public Health (Goal C)

3.2 Help communities most affected by extreme heat mitigate and adapt to the effects of climate change (e.g., actions 3.2.1, 3.2.2)

3.3 Create, enhance, and restore park and green space, especially in high-need communities (e.g., action 3.3.1, 3.3.2)

Example Project Benefits:

- Enhanced recreational features (new protected bike lane)
- New Areas of Canopy, Cooling, and Shading Surfaces (vegetation and pervious pavement) to reduce urban heat island effect
- 45 new shade trees

Deliver Multi-Benefits with Nature-Based Solutions & Diverse Projects (Goal E, F, G)

4.2 Deliver nature-based, multi-benefit Projects and Program that improve water quality while addressing community priorities and concerns (e.g., action 4.2.1)

Example Project Benefits:

- Pervious pavement
- Habitat created through green infrastructure features (bioretention zones with native landscaping)

**See Section 5.2.1.11,
Figure 5-33**

3/18/2026

Developer Info Session

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Upper San Gabriel Watershed Area Example for Aligning Projects with the Initial Watershed Plan

Upper San Gabriel River Watershed Area Strategies and Actions

Aligning Projects with Initial Watershed Plan Strategies, Actions, and Opportunities

The image shows an aerial view of a school field with a green field and a blue infiltration gallery. A stormwater diversion pipe is also visible. Labels include 'INFILTRATION GALLERY', 'PRE-TREATMENT FILTRATION', and 'STORMWATER DIVERSION PIPE'.

Bassett High School Stormwater Capture Multi-Benefit Project

Current Phase: Planning
Project Description:
 The Bassett High School Stormwater Capture Multi-Benefit Project will deliver a range of benefits to the local community and environment. This Project includes both **underground and above-ground improvements to improve water quality, augment groundwater storage, and provide community benefits.** The main Project component is the construction of new drainage infrastructure to capture and treat stormwater that will be diverted into an infiltration gallery beneath an open field, where it will percolate and recharge the groundwater aquifer. The Project will also **revitalize green and open space at a school**—such as enhanced athletic fields, shade trees, and a pocket park. Furthermore, the Project will **utilize nature-based features** by planting of new drought-resistant plants and trees in educational gardens creating micro-habitats, enhancing biodiversity, and providing shade, which fosters outdoor learning.

Example Project Benefits Organized by Alignment with Initial Watershed Plan Strategies

Improve Water Quality (Goal A)
 1.1.1 Prioritize high performance Projects and Programs in areas with the highest pollutant loads (e.g., action 1.1.1)
 Example Project Benefits:

- Total Zinc as the primary pollutant addressed
- ~82 ac-ft of 24-hour Project storage capacity

Increase Drought Preparedness (Goal B)
 2.1.1 Link MS4 compliance and water supply planning to maximize stormwater capture for water quality and water supply (e.g., actions 2.1.1, 2.1.2)
 Example Project Benefits:

- Increase local supply through infiltration to the underlying Main San Gabriel Basin
- Project opportunity identified by the Lower Los Angeles River Watershed Management Program

Improve Public Health (Goal C)
 3.3.1 Implement Projects located at school and in flood control channel right-of-ways (e.g., action 3.3.1)
 3.4.1 Create, enhance, and restore park and green space, especially in high-need communities (e.g., action 3.4.1, 3.4.2)
 3.5.1 Help communities most affected by extreme heat mitigate and adapt to the effects of climate change (e.g., actions 3.5.1, 3.452)
 Example Project Benefits:

- Enhanced recreational features at existing school (pocket park, educational gardens, athletic fields)
- New Areas of Canopy, Cooling, and Shading Surfaces (vegetation and permeable pavement) to reduce urban heat island effect
- Environmental education and stewardship

Deliver Multi-Benefits with Nature-Based Solutions & Diverse Projects (Goal E, F, G)
 4.3.1 Deliver nature-based, multi-benefit Projects and Program that improve water quality while addressing community priorities and concerns (e.g., action 4.3.1)
 Example Project Benefits:

- Nature-based landscaping in and around bioretention areas

See Section 5.2.1.11,
Figure 5-34

Assessing Alignment with Watershed Planning Using the Watershed Planning Tool

Use the Planning Tool to,

- Spatially view Projects and their potential impact using the opportunity layers
- Click on a Project to see the benefits it is anticipated to provide
- Filter for your Watershed Area and open the strategies side pane to review strategies and actions
- Compare Project benefits to Watershed Area targets and strategies to assess alignment with the Initial Watershed Plans

SELECTED OPPORTUNITIES

Composite Opportunities

- Opportunity to Improve Water Quality and Increase Water Supply
 - Highest
- Multiple Benefit Theme Composite Opportunity
 - Higher

Increase Drought Preparedness

- Increase Local Supply Through Groundwater Recharge and Storage
 - Limited

Improve Public Health

- Park and Green Space Creation
 - Higher
- Park Enhancement or Restoration
 - Limited
- Canopy, Cooling, and Shading Surfaces Creation
 - High

PLANNING MAP

PLANNING DASHBOARD

Opportunities Clear All

Composite Opportunities Clear

- Opportunity to Improve Water Quality and Increase Water Supply
 - General
 - High
 - Higher
 - Highest
 - General (Water Quality Only)
 - High (Water Quality Only)
 - Higher (Water Quality Only)
 - Highest (Water Quality Only)
- Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality
 - High
 - Higher
 - Highest
- Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality (2 Themes)
 - High
 - Higher
 - Highest

STRATEGIES FOR WATERSHED PLANNING

Watershed Area

The strategies below describe the means for addressing Watershed Area Needs and achieving SCW Program Goals. Strategies are organized by Planning Themes and are supported by actions and Opportunities. Please refer to the map legend to utilize the geospatial Opportunity layers for each Planning Theme.

Expand All

- Improve Water Quality
- Increase Drought Preparedness
- Improve Public Health
 - SCW Program Goal: C
 - 3.1 Evaluate open space and large lot potential, particularly on school campuses
 - 3.2 Evaluate LAUSD and other school zoning policies and prioritization of retrofit
 - 3.3 Create, enhance, and restore park and green space, especially in high-need communities
 - 3.3.1 Prioritize multi-benefit Projects that enhance and/or restore existing local and regional parks in Parks Needs Assessment priority areas, using the Opportunity for Park Enhancement or Restoration layer to guide implementation.
 - 3.3.2 Prioritize multi-benefit Projects that create parks and green spaces - such as pocket parks, linear parks, and greenways with stormwater features - in Parks Needs Assessment priority

DETAILS **PLANNING**

Planning Themes

- Improve Water Quality
 - Zinc Load Reduction: 8.3 lbs/yr
 - Total Phosphorus Load Reduction: 16.5 lbs/yr
- Increase Drought Preparedness
 - Average annual stormwater captured: 11.5 ac-ft/yr
 - Average annual stormwater captured and recharged: 11.5 ac-ft/yr
- Improve Public Health
 - Net area of park created: 0.5 ac
 - Net Area of Park Created: 0.5 ac
 - Net Area of Park Enhanced: 0 ac
 - Net Area of Park Restored: 0 ac

Planning Tool Example: Composite Opportunities

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

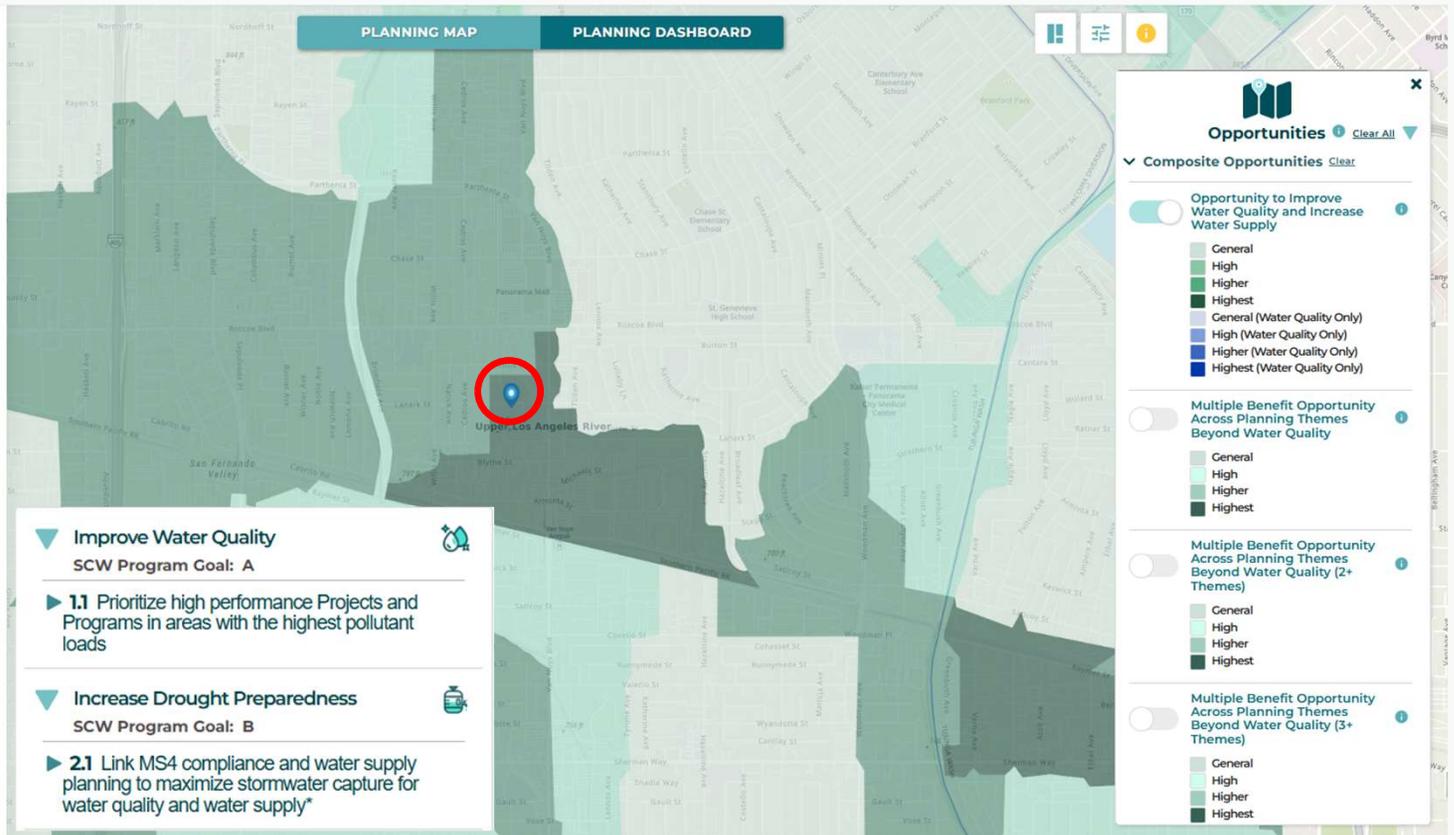
Zinc Load Reduction

Highest

Increase Drought Preparedness

Increase Local Supply Through Stormwater Capture (by Project Type)

Higher (Wet or Dry)



Planning Tool Example: Multi-Benefit Opportunities

Composite Opportunities

Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality (3+ Themes) ▾

Highest

Increase Drought Preparedness

Increase Local Supply Through Groundwater Recharge and Storage

High

Improve Public Health

Park and Green Space Creation

Highest

Park Enhancement or Restoration

General

Canopy, Cooling, and Shading Surfaces Creation

Highest

Deliver Multi-Benefits...

Habitat Creation, Enhancement, or Restoration

General

Equitably Distribute Benefits

Provide Benefits to Disadvantaged Communities (DACs)

Highest

PLANNING MAP
PLANNING DASHBOARD

General (Water Quality Only)

- High (Water Quality Only)
- Higher (Water Quality Only)
- Highest (Water Quality Only)

Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality

- General
- High
- Higher
- Highest

Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality (2+ Themes)

- General
- High
- Higher
- Highest

Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality (3+ Themes)

- General
- High
- Higher
- Highest

Click on these layers on the map to see more info! ↑

- > Improve Water Quality
- > Increase Drought Preparedness
- > Improve Public Health
- > Deliver Multi-Benefits...
- > Equitably Distribute Benefits

Basemap Layers ▶

▼ Increase Drought Preparedness

SCW Program Goal: B

- ▶ **2.1** Link MS4 compliance and water supply planning to maximize stormwater capture for water quality and water supply*

▼ Improve Public Health

SCW Program 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

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

SCW Program Goals: 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

Planning Tool Example: Opportunities

Improve Public Health

Park and Green Space Creation

Higher

Improve Public Health

SCW Program 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

Equitably Distribute Benefits

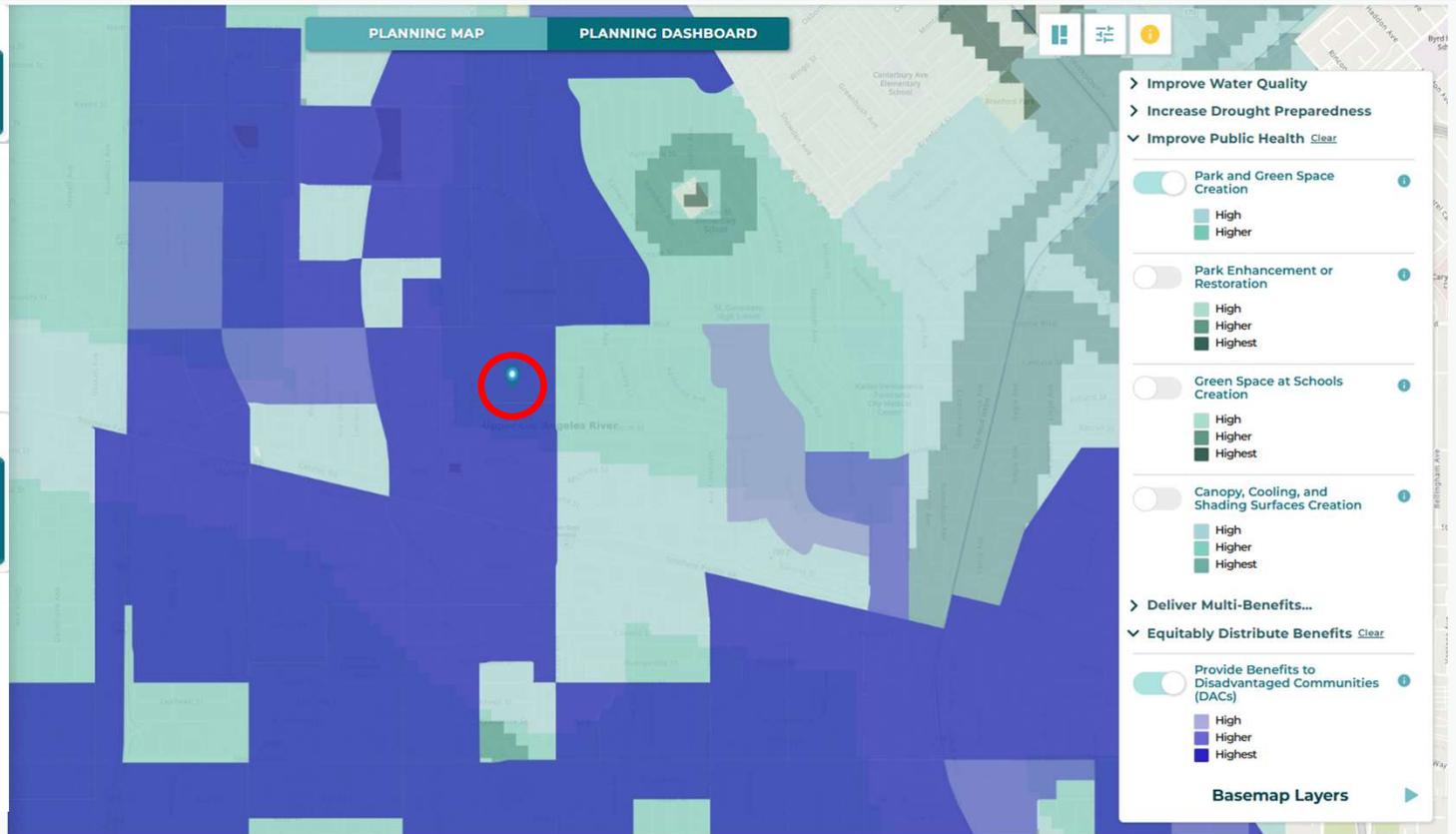
Provide Benefits to Disadvantaged Communities (DACs)

Highest

Equitably Distribute Benefits

SCW Program Goals: 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



Planning Tool Example: Municipal Opportunities

MUNICIPAL PROGRAM PROJECTS BY MUNICIPALITY

Municipality

Alhambra

PLANNING MAP PLANNING DASHBOARD

Opportunities Clear All

Composite Opportunities Clear

Opportunity to Improve Water Quality and Increase Water Supply

- General
- High
- Higher
- Highest
- General (Water Quality Only)
- High (Water Quality Only)
- Higher (Water Quality Only)
- Highest (Water Quality Only)

Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality

- General
- High
- Higher
- Highest

Multiple Benefit Opportunity Across Planning Themes Beyond Water Quality (2+ Themes)

- General
- High
- Higher
- Highest

Composite Opportunities

Opportunity to Improve Water Quality and Increase Water Supply

Highest

Improve Water Quality

Bacteria Load Reduction

Highest

Total Phosphorous Load Reduction

Highest

Zinc Load Reduction

Highest

Increase Drought Preparedness

Increase Local Supply Through Stormwater Capture (by Project Type)

Highest (Wet)

SCW Program Project Alignment with Initial Watershed Plans

Why Alignment Matters:

- Ensures Projects contribute to the achievement of the one or more of the 14 SCW Program Goals.
- Provides a consistent way for Municipalities and Project proponents to intentionally select Project design features that align with Watershed Area Needs.
- Ensures compliance with new Feasibility Study Guideline Requirement #20: Explicit alignment with Initial Watershed Plans for all future SCW Program applications.

How Alignment is Achieved:

- Reference the Initial Watershed Plans and Planning Tool for:
 - **Strategies & Actions** : Outlines Project priorities, general actions, and resources to guide strategic decision-making, offering the most direct path to alignment with the Initial Watershed Plans.
 - **Opportunities**: For each strategy, there is one or more opportunity. Opportunities may be used as guides in identifying areas where Projects or Program implementation would have the greatest impacts.
 - **Composite Opportunities**: Highlight areas with the most potential to align with 2+ strategies to deliver multiple benefits and support multiple SCW Program Goals.

Questions?

Thank you

QUESTIONS?

Contact

WatershedPlanning@PW.LACounty.gov