



# **SAFE CLEAN WATER PROGRAM**

2022 Call for Projects Information Session





# Overview

- Call for Projects
- Timeline
- SCW Program Goals and Fund Overview
- Regional Program
- Scoring Criteria
- Stormwater Investment Plan
- Transfer Agreement
- Adaptive Management
- Projects Module Overview



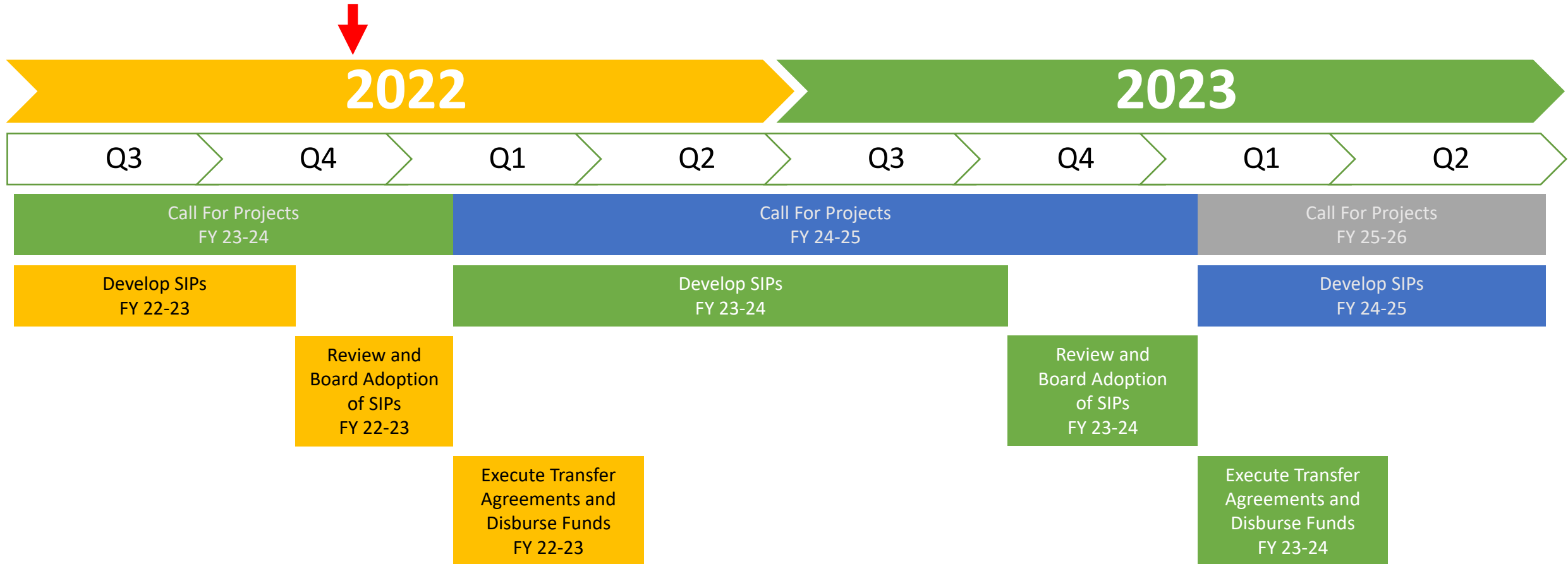
# Call for Projects FY 2023-2024

- Call for Projects for FY 23-24 Funding is open now and currently scheduled to close **July 31, 2022**
- Projects Module has been updated. Please review every form and tool tip carefully and ensure completeness prior to submitting your application(s)
  - Note: Projects Module will ask the applicant which session was attended (or whether the applicant viewed the recording)
- **Sign up for updates**  
on the Safe Clean Water  
Program

**SUBMIT**



# Call for Projects and Timeline





# SCW Program Goals

- A. Improve water quality and contribute to attainment of water-quality requirements.
- B. Increase drought preparedness by capturing more Stormwater and/or Urban Runoff to store, clean, reuse, and/or recharge groundwater basins.
- 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.
- D. Leverage other funding sources to maximize SCW Program Goals.
- E. Invest in infrastructure that provides multiple benefits.
- F. Prioritize Nature-Based Solutions.
- G. Provide a spectrum of project sizes from neighborhood to regional scales.

*Reference: Section 18.04 of the Safe, Clean Water Program Implementation Ordinance*



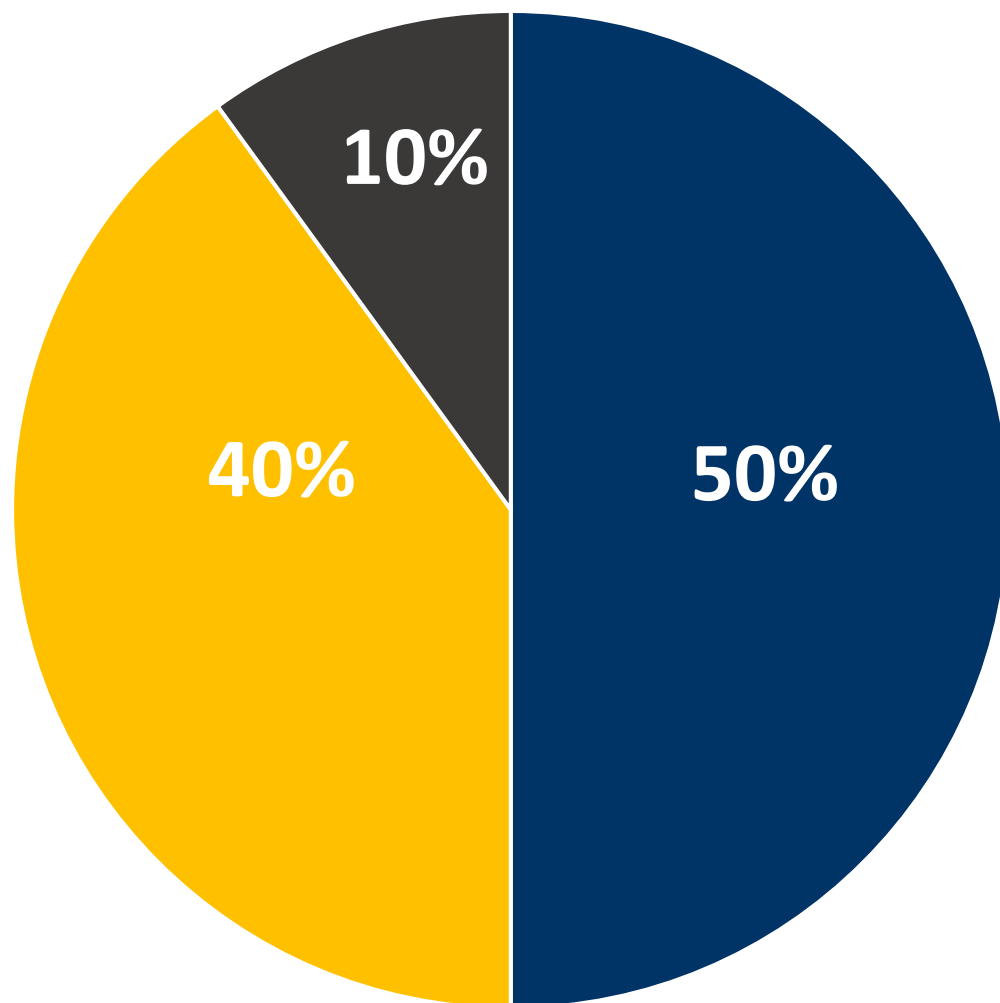
# SCW Program Goals

- H. Encourage innovation and adoption of new technologies and practices.
- I. Invest in independent scientific research.
- 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.
- 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.
- L. Implement an iterative planning and evaluation process to ensure adaptive management.
- M. Promote green jobs and career pathways.
- N. Ensure ongoing operations and maintenance for Projects.

*Reference: Section 18.04 of the Safe, Clean Water Program Implementation Ordinance*



# Safe, Clean Water Program Fund Allocation



■ Regional Program

(50% = ~\$140.6M)

■ Municipal Program

(40% = ~\$112.6M)

■ FCD Program

(10% = ~\$27.8M)

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Total Program

(100% = ~\$281M)



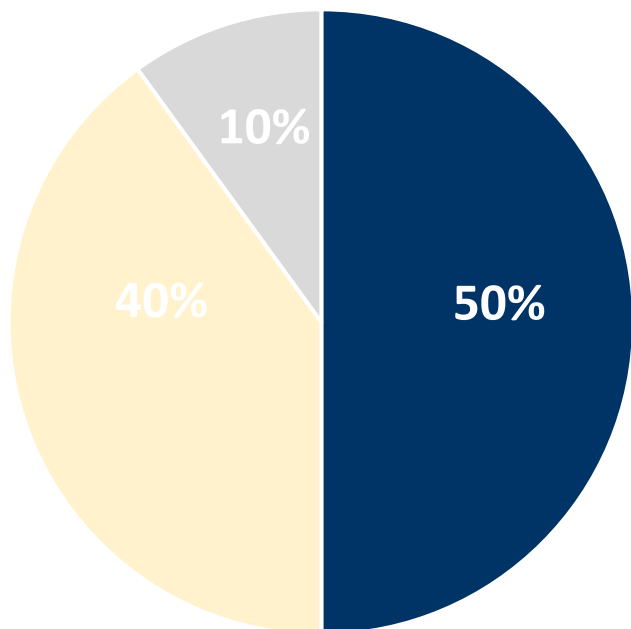
# Regional Program

Call for Projects





# Regional Program



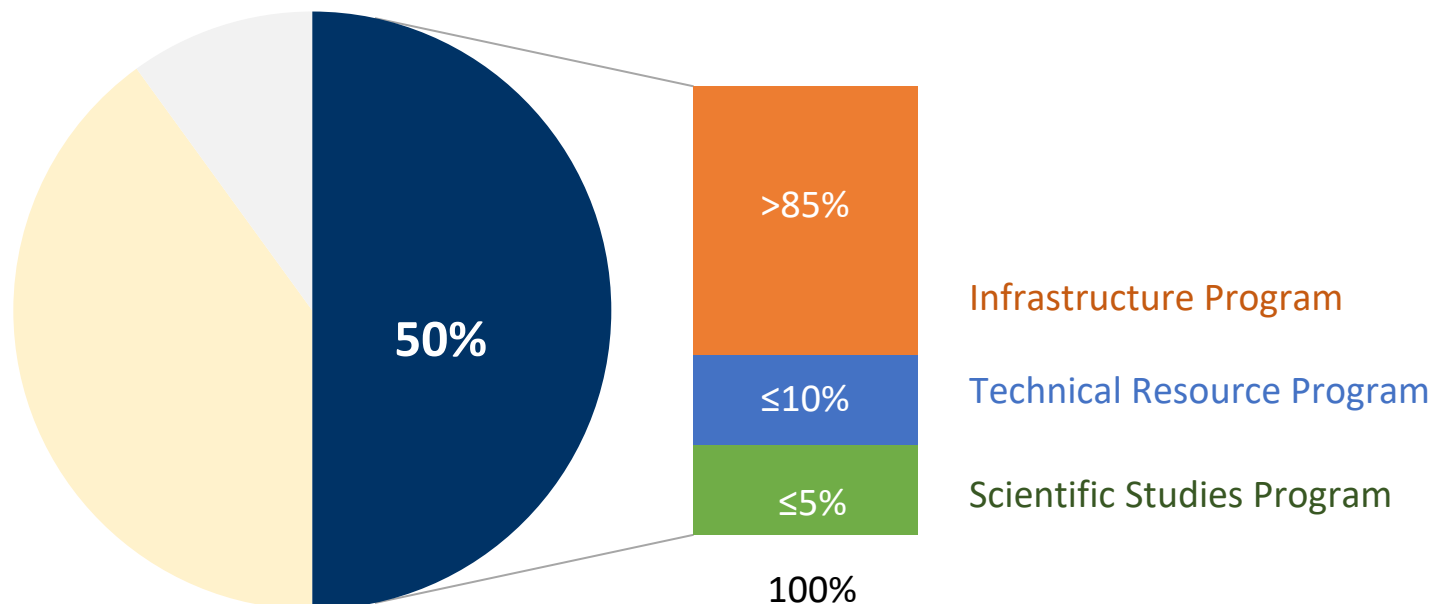
## 50% Program revenue

Provides funding for Multi-Benefit Watershed-based Projects

WATERSHED AREA	ANTICIPATED ANNUAL RETURN
Central Santa Monica Bay	\$17.2 Million
Lower Los Angeles River	\$12.4 Million
Lower San Gabriel River	\$16.7 Million
North Santa Monica Bay	\$1.8 Million
Rio Hondo	\$11.6 Million
Santa Clara River	\$5.8 Million
South Santa Monica Bay	\$17.7 Million
Upper Los Angeles River	\$38.7 Million
Upper San Gabriel River	\$18.7 Million



# Regional Program



## **Not less than 85%: Infrastructure Program**

- To implement Multi-Benefit watershed-based Projects

## **Up to 10% Technical Resource Program**

- To provide resources for the development of Feasibility Studies through support from Technical Assistance Teams
- To provide Watershed Coordinators to educate and build capacity in communities and facilitate community and stakeholder engagement

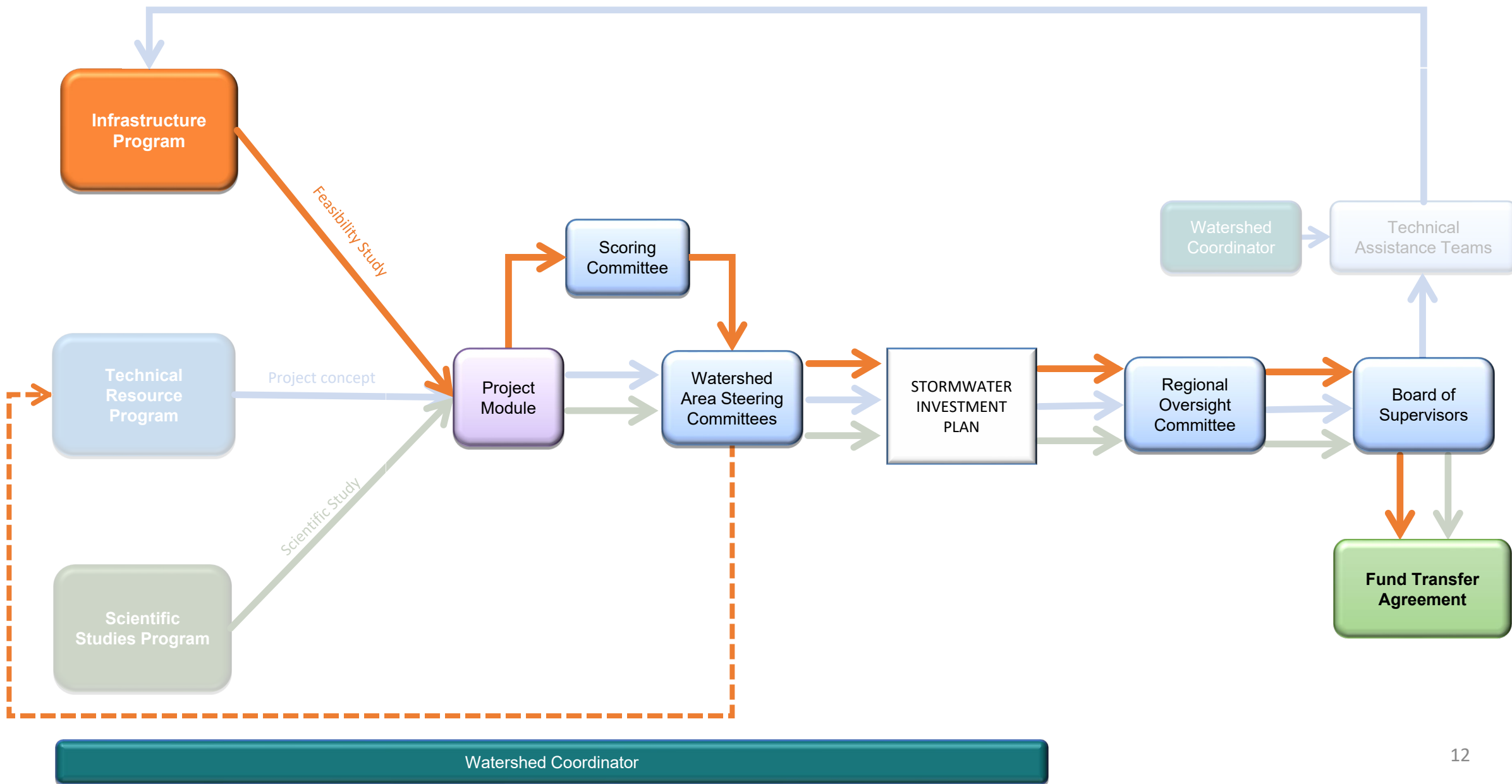
## **Up to 5%: Scientific Studies**

- To provide funding for eligible scientific and other activities





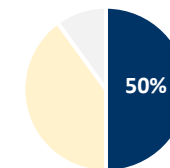
# Regional Program – Infrastructure Program







# Regional Program – Infrastructure Program



## Project Applicants:

- Any entity with a completed Feasibility Study
  - Including Feasibility Studies funded by Technical Resource Program
- Requires Municipal sponsors (MOU)

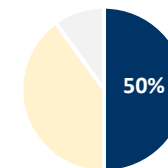
## Projects and Activities:

- Multi-benefit
- Watershed-based
- Design, construction, land acquisition, OM&M, programs, and other eligible activities
- Projects to be included in an approved water quality plan such as E/WMP, IRWM, and others





# Regional Program – Scientific Studies Program



## Scientific Studies Program

- To provide funding for eligible scientific and other activities, such as but not limited to:
  - Scientific studies
  - Technical studies
  - Monitoring
  - Modeling
  - Other similar activities
- Must be related to stormwater and urban runoff capture and pollution reduction







# Technical Resources



- Feasibility Studies address, at a minimum, the 19 Feasibility Study requirements of an Infrastructure Program application and are expected to be completed within 1-2 years.
- The District committed to complete feasibility studies for a typical rate of **\$300,000** to be approved and budgeted in the SIP.
- TRP program does not guarantee approval for IP funding by the WASC.



# Watershed Coordinators

Task	Outcomes
 1. Facilitate Community Engagement in SCWP	...sustained community engagement...
 2. Identify and Develop Project Concepts	...projects that fulfill program goals...
 3. Work with Technical Assistance Teams	...contribute to technical assistance...
 4. Facilitate Identification and Representation of Community Priorities	...addressing community priorities...
 5. Integrate Priorities Through Partnerships and Extensive Networks	...share lessons learned...
 6. Cost-Share Partners	...identify cost-sharing for projects...
 7. Leverage Funding	...identify funding...
 8. Local Stakeholder Education	...conduct education for communities...
 9. Watershed Coordinator Collaboration	...ensure consistency across SCWP...



# Watershed Coordinators

WATERSHED AREA	Watershed Coordinators
Central Santa Monica Bay	Heal the Bay, S. Groner Associates, Inc.
Lower Los Angeles River	S. Groner Associates, Inc.
Lower San Gabriel River	OhanaVets, Inc.
North Santa Monica Bay	Melina Sempill Watts Consulting, LLC
Rio Hondo	Richard Watson & Associates, Inc.
Santa Clara River	TreePeople, Inc.
South Santa Monica Bay	Heal the Bay
Upper Los Angeles River	Council for Watershed Health (2); Environmental Outreach Strategies
Upper San Gabriel River	Day One Inc.

Duties and responsibilities centered around connecting potential Regional Program applicants with technical resources and building inclusion and meaningful engagement in pursuit of SCW Program Goals

\*Positions are dependent on revenue and population



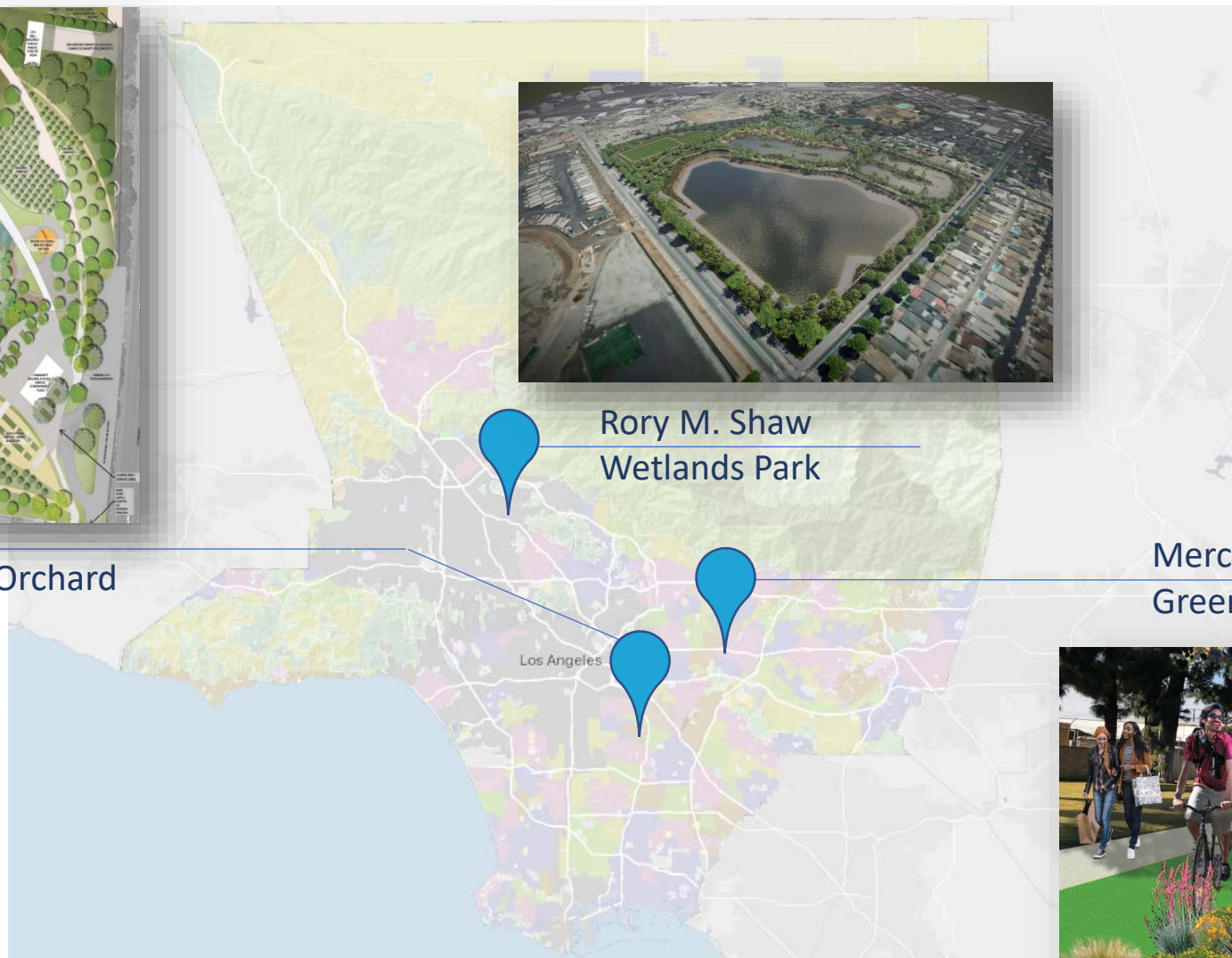
# Infrastructure Program – Example Projects



Urban Orchard



Rory M. Shaw  
Wetlands Park



Merced Avenue  
Greenway







# Infrastructure Program – 19 Feasibility Study Requirements

1

Detailed description of the proposed Project

2

Description and estimate of the benefits provided

- Some benefits calculated through WMMS in the Project Module

3

Estimated schedule

4

Review of effectiveness of similar types of Projects

5

Monitoring plan



# Infrastructure Program – 19 Feasibility Study Requirements

6

## Lifecycle cost estimate and schedule

- Calculated in the Project Module. Must include ALL project costs.

7

## O&M Plan

8

## Engineering analysis

- E.g. soil sampling, geotechnical investigations, hydrology report, etc.

9

## Potential CEQA-related and permitting challenges

- Include associated time requirements and cost.

10

## Letter of support from the Municipality

- Must include concurrence with the plan for O&M



# Infrastructure Program – 19 Feasibility Study Requirements

11

Outreach/Engagement Plan

12

Comply with any County-wide displacement goals

13

Vector Minimization Plan

- Recommend review by local vector control district

14

Description of how Nature-Based Solutions are utilized

15

Summary of any legal requirements or obligations



# Infrastructure Program – 19 Feasibility Study Requirements

16

Confirmation of conceptual approval from LACFCD

17

Acknowledgement of eligible expenditures

- Only those incurred on or after November 6, 2018

18

Leveraged funds

19

Summary of how project will benefit DACs

Refer to **Feasibility Study Guidelines** and **2022 Interim Guidance**  
at [SafeCleanWaterLA.org](https://www.SafeCleanWaterLA.org) for more information





# Infrastructure Program – LACFCD Conceptual Review

16

## Confirmation of conceptual review from LACFCD

- Request confirmation of conceptual review from LACFCD no less than two months prior (May 31<sup>st</sup>, 2022)
- Contact LACFCD representative for each Watershed Area:
  - Upper Los Angeles River (Genevieve Osmena)
  - Lower Los Angeles River (Ernesto Rivera)
  - Rio Hondo, Santa Clara, Upper San Gabriel and Lower San Gabriel River (Julian Juarez)
  - North, South and Central Santa Monica Bay (Cung Nguyen)

[Watershed Managers Map](#)

Refer to **Feasibility Study Guidelines** and **2022 Interim Guidance** at [SafeCleanWaterLA.org](https://www.SafeCleanWaterLA.org) for more information



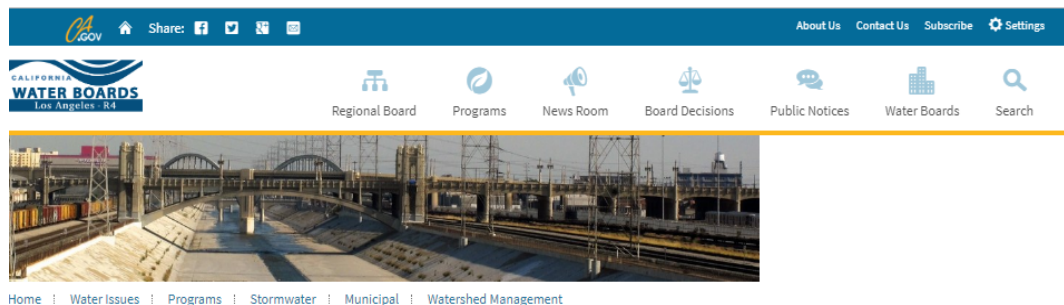
# Infrastructure Program – Project Scoring Criteria

18.07.B.1.c. Only Projects meeting the following criteria shall be submitted to the Scoring Committee for evaluation:

- Projects for which a Feasibility Study (or equivalent) has been completed.
- Projects that are Multi-benefit Projects
- Projects that are included in a regional water management plan (refer to [Pathway to Inclusion Document](#) online)
- Projects designed for a minimum useful life of 30 years.



# Pathway to an Approved Water Quality Plan



## Watershed Management Programs

The Los Angeles County MS4 Permit allows Permittees the flexibility to develop Watershed Management Programs (WMPs) or Enhanced Watershed Programs (EWMPs) to implement the requirements of the Permit on a watershed scale through customized strategies, control measures, and best management practices (BMPs). Participation in a Watershed Management Program is voluntary and allows a Permittee to address the highest watershed priorities, including complying with the requirements of Part V.A. (Receiving Water Limitations), Part VI.E (Total Maximum Daily Load Provisions) and Attachments L through R, by customizing the control measures in Parts III.A.4 (Prohibitions - Non-Storm Water Discharges) and VI.D (Minimum Control Measures). All documents associated with the development and implementation of the 31 Watershed Management Programs are available below. If you have any questions or comments regarding the watershed management programs please contact Ivar Ridgeway, Senior Environmental Scientist of the Storm Water Permitting Unit at (213) 620-2150.

- Public Notice of Consideration of Petition for Review of the Los Angeles Water Board Executive Officer's Action, to Approve, the North Santa Monica Bay EWMP Pursuant to the LA County MS4 Permit
- March 3, 2016 Public Workshop on Revised Enhanced Watershed Management Programs
- September 10, 2015 Board Hearing Petition Presentations
- Consideration of Petition for Review of the Los Angeles Water Board Executive Officer's Action, to Approve, with Conditions, Nine Watershed Management Programs Pursuant to the LA County MS4 Permit
- April 13, 2015 Public Meeting on Revised Watershed Management Programs
- Comments on Draft WMPs/IMPs/CIMPs/EWMP Work Plans
- Comments on Draft EWMPs

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Group Name	Cities/Permittees Involved	Selected Program	Lead/Coordinator	Watershed Management Area 1	Watershed Management Area 2
Alamitos Bay/Los Cerritos Channel Group	LA County, LACFCD	WMP	LA County	Los Cerritos Channel and Alamitos Bay	
Ballona Creek	Beverly Hills, Culver City, Inglewood, Los Angeles, Santa Monica, West Hollywood, County, LACFCD	EWMP	Los Angeles	Santa Monica Bay	
Beach Cities Watershed Management Group	Hermosa Beach, Manhattan Beach, Redondo Beach, Torrance, LACFCD	EWMP	Redondo Beach	Santa Monica Bay	Dominguez Channel

## WMP Process

- Contact lead Agency for the Watershed Management Programs Provide Project information
- New Projects can be included in the Adaptive Management section of the WMP annual report or the resubmittal of the WMP
- Adaptive Management of the Annual Report is due December 15 of every year. Resubmittal of the WMP is allowed at any time
- More information:
  - [http://www.waterboards.ca.gov/losangeles/water\\_issues/programs/stormwater/municipal/watershed\\_management/](http://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/municipal/watershed_management/)



# Pathway to an Approved Water Quality Plan

**Greater Los Angeles County Region  
Integrated Regional Water Management**



## IRMWP Process

- Project Proponent must sign up through the GLAC IRWM OPTI webpage to become a new OPTI user
  - <http://www.lawaterplan.org>
- Must complete all required project information fields in the OPTI database
- The OPTI subregion Administrators and IRWM Administrators will be alerted of a new project entry
- Subregion OPTI Administrators may request proponent to attend subregion meeting to present the project to its members and stakeholders and answer any questions presented.
  - If project is determined to support the IRWMP objectives and there are no issues or concerns with the project, the subregion voting members cast vote to accept project as part of the IRWM Plan.
  - Upon approval, the OPTI Administrator completes OPTI information to verifying acceptance of project as part of the IRWM Plan and it becomes eligible for consideration for inclusion in future funding proposals.

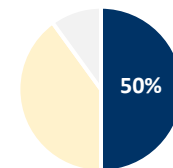


# Scoring Criteria

Infrastructure Program



# Infrastructure Program – Project Scoring Criteria



**All Regional Program Projects must meet the  
Threshold Score of 60 points or more.**

Section	Score Range
A.1 Wet + Dry Weather Water Quality Benefits	50 points max
-OR-	
A.2 Dry Weather Only Water Quality Benefits	40 points max
B. Significant Water Supply Benefits	25 points max
C. Community Investments Benefits	10 points max
D. Nature-Based Solutions	15 points max
E. Leveraging Funds and Community Support	10 points max
<b>TOTAL</b>	<b>110 points</b>





# Scoring Criteria – Water Quality Benefits

A.1 Wet + Dry Weather Water Quality Benefits	50 points max	The Project provides water quality benefits	
	20 points max	A.1.1: For Wet Weather BMPs Only: Water Quality Cost Effectiveness (Cost Effectiveness) = (24-hour BMP Capacity) <sup>1</sup> / (Capital Cost in \$Millions) *	
	30 points max	A.1.2: For Wet Weather BMPs Only: Water Quality Benefit - Quantify the pollutant reduction (i.e. concentration, load, exceedance day, etc.) for a class of pollutants using a similar analysis as the E/WMP which uses the Districts Watershed Management Modeling System (WMMS). The analysis should be an average percent reduction comparing influent and effluent for the class of pollutant over a ten-year period showing the impact of the Project. Modeling should include the latest performance data to reflect the efficiency of the BMP type.	
- OR -		<div>Primary Class of Pollutants</div> <ul style="list-style-type: none"><li>&gt;50% = 15 points</li><li>&gt;80%= 20 points</li></ul> <div>(20 Points Max)</div>	<div>Second or More Classes of Pollutant</div> <ul style="list-style-type: none"><li>&gt;50% = 5 points</li><li>&gt;80%= 10 points</li></ul> <div>(10 Points Max)</div>
A.2 Dry Weather Only Water Quality Benefits	20 points	A.2.1: For dry weather BMPs only, Projects must be designed to capture, infiltrate, treat and release, or divert 100% (unless infeasible or prohibited for habitat, etc) of all tributary dry weather flows.	
	20 points max	A.2.2: For Dry Weather BMPs Only. Tributary Size of the Dry Weather BMP	

\* Note that Section A.1 the Water Quality Cost Effective calculation in the project module uses Construction Cost and not Capital Cost

- Any WQ project

- Projects designed for 0.25-inch rain events or below.
- Must capture, infiltrate, or divert 100% dry weather flows.



# Scoring Criteria – Water Quality Section A1.2

## Potential modeling metrics for analysis of long-term pollutant reduction

Long-term pollutant reduction can be calculated in the Project Module through the Watershed Management Modeling System (WMMS).

[lacountywmms.com](http://lacountywmms.com)

		Pick Any One Primary Pollutant Class and Any One Secondary Pollutant Class		
Pollutant Class	Pollutant Name	Method 1 (% Concentration Reduction)	Method 2 (% Load Reduction)	Method 3 (% Exceedance Day Reduction)
Primary or Secondary	Bacteria	✓	✓	✓
	Metals	✓	✓	
	Toxics		✓	
	Nutrients	✓	✓	
	Chloride	✓	✓	
Secondary	Trash		✓	✓
	Bacteria	✓	✓	✓
	Metals	✓	✓	
	Toxics		✓	
	Nutrients	✓	✓	
	Chloride	✓	✓	
Notes:				
-The Secondary Pollutant Class includes all primary pollutants with the addition of trash (NOTE: the primary pollutant class cannot be the same as the secondary pollutant class).				
-Primary and secondary pollutants are pollutants subject to TMDLs for the nearby downstream receiving waters of the project.				
-Secondary pollutants may also include 303(d)-listed pollutants and pollutants that have been subject to exceedances during recent monitoring programs.				
-Trash is not considered a valid primary pollutant. For estimate of trash reduction, the analysis can demonstrate equivalence with the Full Capture System definition for 100% reduction.				



# Scoring Criteria – Water Supply Benefits

B. Significant Water Supply Benefits	25 points max	The Project provides water re-use and/or water supply enhancement benefits
	13 points max	<p>B1. Water Supply Cost Effectiveness. The Total Life-Cycle Cost<sup>2</sup> per unit of acre foot of Stormwater and/or Urban Runoff volume captured for water supply is:</p> <ul style="list-style-type: none"><li>• &gt;\$2500/ac-ft = 0 points</li><li>• \$2,000–2,500/ac-ft = 3 points</li><li>• \$1500–2,000/ac-ft = 6 points</li><li>• \$1000–1500/ac-ft = 10 points</li><li>• &lt;\$1000/ac-ft = 13 points</li></ul> <p><sup>2</sup>. Total Life-Cycle Cost: The annualized value of all Capital, planning, design, land acquisition, construction, and total life O&amp;M costs for the Project for the entire life span of the Project (e.g. 50-year design life span should account for 50-years of O&amp;M). The annualized cost is used over the present value to provide a preference to Projects with longer life spans.</p>
	12 points max	<p>B2. Water Supply Benefit Magnitude. The yearly additional water supply volume resulting from the Project is:</p> <ul style="list-style-type: none"><li>• &lt;25 ac-ft/year = 0 points</li><li>• 25 - 100 ac-ft/year = 2 points</li><li>• 100 - 200 ac-ft/year = 5 points</li><li>• 200 - 300 ac-ft/year = 9 points</li><li>• &gt;300 ac-ft/year = 12 points</li></ul>

Refer to [2022 Interim Guidance](#) for  
Water Supply Guidance

Typically for spreading  
facilities or diversions to  
sanitary sewer for  
recycled water



# Scoring Criteria – Community Investments Benefits

Section	Score Range	Scoring Standards
C. Community Investments Benefits	10 points max	The Project provides Community Investment Benefits
	10 points	<p>C1. Project includes:</p> <ul style="list-style-type: none"><li>• One of the Community Investment Benefits identified below = 2 points</li><li>• Three distinct Community Investment Benefits identified below = 5 points</li><li>• Six distinct Community Investment Benefits identified below = 10 points</li></ul> <p>Community Investment Benefits include:</p> <ul style="list-style-type: none"><li>• Improved flood management, flood conveyance, or flood risk mitigation</li><li>• Creation, enhancement, or restoration of parks, habitat, or wetlands</li><li>• Improved public access to waterways</li><li>• Enhanced or new recreational opportunities</li><li>• Greening of schools</li><li>• Reducing local heat island effect and increasing shade</li><li>• Increasing the number of trees increase and/or other vegetation at the site location that will increase carbon reduction/sequestration and improve air quality.</li></ul>

Explanation must include supporting analysis and information



# Scoring Criteria – Nature-Based Solutions

D. Nature-Based Solutions	15 points max	The Project implements Nature-Based Solutions
	15 points	<p>D1. Project:</p> <ul style="list-style-type: none"><li>• Implements natural processes or mimics natural processes to slow, detain, capture, and absorb/infiltrate water in a manner that protects, enhances and/or restores habitat, green space and/or usable open space = 5 points</li><li>• Utilizes natural materials such as soils and vegetation with a preference for native vegetation = 5 points</li><li>• Removes Impermeable Area from Project (1 point per 20% paved area removed) = 5 points</li></ul>

If Nature-Based Solutions are not utilized, include an explanation, with supporting analysis and information, of why it is not feasible to do so.

Refer to [2022 Interim Guidance](#) for  
Programming of Nature-Based Solutions



# Scoring Criteria – Leveraging Funds & Community Support

<b>E. Leveraging Funds and Community Support</b>	10 points max	The Project achieves one or more of the following:
	6 points max	E1. Cost-Share. Additional Funding has been awarded for the Project. <ul style="list-style-type: none"><li>• &gt;25% Funding Matched = 3 points</li><li>• &gt;50% Funding Matched = 6 points</li></ul>
	4 points	E2. The Project demonstrates strong local, community-based support and/or has been developed as part of a partnership with local NGOs/CBOs.

Other funding sources could include funds from the SCW Municipal Program, Grants, Partnerships, etc.

Refer to [2022 Interim Guidance](#) for Strengthening Community Engagement and Support





# Round 4 Pre-Submittal Workshop – Criteria Overview

## **General Tips (from Scoring Committee)**

- Help us help you!!!
- Show your work
- Quantify need and benefits
- Be clear & simple
- Include back-up info for all sections/in right place



# Scoring Criteria – Water Quality Benefits

## Definition

- Project components that capture, infiltrate, divert, or treat and release stormwater or urban runoff for either wet- or dry-weather flows.

## Tips

- Website only looks at 1 BMP at a time; separate analyses must be shown for each component of the project.
- **Explain all assumptions**
- Website has a button to submit your work and calcs – be sure to use this feature!

## Example

### **Strathern North Stormwater Capture Project**

Benefits include:

- Utilizes a hydrodynamic separator to separate and trap trash, debris, sediment, oil, grease, and fine particulates from stormwater runoff.
- Captures and infiltrates the entirety of the 85th-percentile storm from two tributary areas.



# Scoring Criteria – Water Supply Benefits

## Definition

- Project components that capture stormwater or urban water runoff for reuse onsite or to augment existing water supplies through infiltration or diversion.

## Tips

- Provide a **note from the Watermaster or purveyor** proving that the project will recharge water.
- Provide **proof of dry weather flow**: monitoring data over several months (preferred), nearby stream gauge, or studies showing flow for different types of land use.

## Example

### **Rory M. Shaw Wetlands Park Project**

Benefits include:

- Detention pond holding ~1,880 acre-feet of collected runoff from the upstream tributary area.
- Cooperative agreement between LADWP and project applicant (LACFCD) showing the acceptance of the project.



# Scoring Criteria – Community Investment Benefits

## Definition

- Community investment benefits include the components of a project that improve the public health and well-being of the surrounding community, such as flood management, creation of green space, and more.

## Tips

- Be **specific** about (and **quantify** whenever possible!) the community **NEEDS** being addressed (e.g., flooding, heat) & how the project will **ADDRESS** those needs (e.g., # of trees or canopy coverage; # of visitors to park)
- Provide concise and easy-to-understand (pictures, graphics) **back-up** in **appropriate** section where possible (e.g., rendering of plantings, pictures of flooding, etc.)

## Example

### Urban Orchard Project

Benefits include:

- Creation of new green space via the transformation of 30 acres of brownfields into a park.
- Creation of new recreational spaces via the construction of a new education garden and 196-tree orchard.
- Creation of new habitat for native fish via construction of a wetland.



# Scoring Criteria – Nature-Based Solutions

## Definition

- Nature-based solutions means a Project that utilizes natural processes that slow, detain, infiltrate or filter Stormwater or Urban Runoff

## Tips

- **Identify specific components** of project that implement or mimic natural processes and whether each is **nature-based OR nature mimicking**
- **Quantify** nature-based solution elements (e.g., square feet of bioswale; acres of wetland; etc.)
- Include quantification in NBS section, not just in attachments

## Example

### **Merced Ave Greenway (Phase I- South Residential Corridor)**

Nature-based Solutions include:

- Bioretention and biofiltration
  - 6,830 ft<sup>2</sup> bioretention BMPs: nature-based
  - 11,078 ft<sup>2</sup> of plantings (132 trees and 2900 shrubs): nature-based
  - 10,420 ft<sup>2</sup> of permeable pavement: nature mimicking
- Hardscape removal: 0.7 acres



# Scoring Criteria – Community Support

## Definition

- Support from and/or partnerships with the local community as a result of engagement throughout project development.

## Tips

- Remember: outreach TO communities is different from support **FROM** or partnerships **WITH** communities.
- When showing community support, provide evidence of **partnerships with NGOs**, or **compelling evidence** that project enjoys **widespread community support** (e.g., multiple letters of support from diverse constituencies within the community; public polling; documentation that the community helped inform the project).
- Be **specific** and **quantify** the community engagement that has occurred (e.g., how many meetings were held and how many participated in each meeting)

## Example

### Lakewood Equestrian Center

Support includes:

- 2 community meetings
- Community survey that generated over 1000 responses
- Focus groups with local community groups (Scout Troup Parents, Neighborhood Watch, Equestrian Center Boarders & Trainers, community seniors, and community youth)
- 4 letters of support





# Stormwater Investment Plans (SIPs)



# Stormwater Investment Plans (SIPs)

## Current Year Budget:

- 5-year plan
- Assign funding for
  - Infrastructure Program
  - Technical Resource Program
  - Scientific Studies Program
- Budget for current year is transferred to Project Developers subject to the Transfer Agreement

	(FY 23-24) Regional Program Budget	(FY 24-25) Projection	(FY 25-26) Projection	(FY 26-27) Projection	(FY 27-28) Projection
<b>Infrastructure Program (not less than 85%)</b>					
Project 1					
Project 2					
Project 3					
Project 4					
Project 5					
<b>Scientific Studies (up to 5%)</b>					
Special Study					
Monitoring					
<b>Technical Resources Program (up to 10%)</b>					
Feasibility Study 1					
Feasibility Study 2					
Feasibility Study 3					
Watershed Coordinator					
<b>Grand Total</b>					



# Stormwater Investment Plans (SIPs)

## Subsequent 4 Year Projections:

- Conditional funding for full Project cost
- Watershed Area Steering Committees will verify annually:
  - Project schedule, budget, scope and benefits are consistent with initial proposal
- Projects over budget, behind schedule, or reduced scope or benefits may be subject to discontinued funding

	(FY 23-24) Regional Program Budget	(FY 24-25) Projection	(FY 25-26) Projection	(FY 26-27) Projection	(FY 27-28) Projection
<b>Infrastructure Program (not less than 85%)</b>					
Project 1					
Project 2					
Project 3					
Project 4					
Project 5					
<b>Scientific Studies (up to 5%)</b>					
Special Study					
Monitoring					
<b>Technical Resources Program (up to 10%)</b>					
Feasibility Study 1					
Feasibility Study 2					
Feasibility Study 3					
Watershed Coordinator					
<b>Grand Total</b>					



# SIP Criteria

- A. **Not less than 85%** of the budget shall be allocated to Infrastructure Program activities, **not more than 10%** of the budget shall be allocated to Technical Resource Program activities, and **not more than 5%** of the budget shall be allocated to Scientific Studies Program activities;
- B. Projects that assist in achieving compliance with a **MS4 Permit** shall be prioritized, to the extent feasible;
- C. Funding for Projects that provide **DAC Benefits shall not be less than one hundred and ten percent** (110%) of the ratio of the DAC population to the total population in each Watershed Area. To facilitate compliance with this requirement, the District will work with stakeholders and Watershed Coordinator(s) to utilize existing tools to identify high-priority geographies for water-quality improvement projects and other projects that create DAC Benefits within DACs, to help inform WASCs as they consider project recommendations;
- D. Each **Municipality shall receive benefits in proportion to the funds generated within their jurisdiction**, after accounting for allocation of the one hundred ten percent (110%) return to DACs, to the extent feasible, to be evaluated annually over a rolling five (5) year period;

*Reference: Section 18.07.2 of the Safe, Clean Water Program Implementation Ordinance*



# SIP Criteria

- E. A spectrum of **Project types and sizes** shall be implemented throughout the region, to the extent feasible, to be evaluated annually over a rolling five (5) year period;
- F. **Nature-Based Solutions** shall be prioritized, to the extent feasible;
- G. Projects, Feasibility Studies, scientific and technical studies, and other activities selected for inclusion in a SIP should be recommended to receive funding for their **total estimated costs**, unless a lesser amount has been requested;
- H. **Operation and maintenance** costs for any Project may be included in the Infrastructure Program portion of a SIP, whether or not the design and construction of that Project was included in a SIP; and
- I. Only Projects that **meet or exceed the Threshold Score** shall be eligible for inclusion in the Infrastructure Program. Projects that receive a score below the Threshold Score may be referred to the Technical Resources Program at the discretion of the Watershed Area Steering Committee.

*Reference: Section 18.07.2 of the Safe, Clean Water Program Implementation Ordinance*



# Regional Program - Fund Transfer Agreements



- Recipient shall submit the scope of work described in Exhibit A within 45-days after approval of the SIP.
- Funds are disbursed within 45-days of receipt of the fully executed transfer agreement by both parties.
- Sample Transfer Agreement available on [SCW website](#). Actual Transfer Agreement will be provided by the District for signature.
- Exhibit A – Scope of Work
- Exhibit B – General Terms and Conditions
- Exhibit C – Special Conditions
- Exhibit D – Addendum to Agreement
- Exhibit E – Nature-Based Solutions (Best Management Practices)
- Exhibit F – Operations and Maintenance Guidance Document

Regional Program  
Agreement No. \_\_\_\_\_

## -DRAFT TEMPLATE-

TRANSFER AGREEMENT BETWEEN  
THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT  
AND (INSERT PROJECT DEVELOPER)  
AGREEMENT NO. \_\_\_\_\_  
SAFE, CLEAN WATER PROGRAM – REGIONAL PROGRAM

This Transfer Agreement, hereinafter referred to as "Agreement," is entered into as of \_\_\_\_\_ by and between the Los Angeles County Flood Control District, hereinafter referred to as "District," and \_\_\_\_\_ (Project Developer/Scientific Studies Applicant Entity), hereinafter referred to as "Recipient."

**WHEREAS**, District, pursuant to the Los Angeles Region Safe, Clean Water (SCW) Program ordinance (Chapter 16 of the Los Angeles County Flood Control District Code) and the SCW Program Implementation Ordinance (Chapter 18 of the Los Angeles County Flood Control District Code), administers the SCW Program for the purpose of funding Projects and Programs to increase stormwater and urban runoff capture and reduce stormwater and urban runoff pollution in the District;

**WHEREAS**, Recipient proposes to implement a Funded Activity (as hereafter defined) that is eligible for funding under the SCW Program;

**WHEREAS**, the Funded Activity is included in a Stormwater Investment Plan (SIP) that has been approved by the County of Los Angeles Board of Supervisors;

**WHEREAS**, the Board approved a standard template Agreement as required by and in accordance with Section 18.09 of the Los Angeles County Flood Control District Code.

**NOW, THEREFORE**, in consideration of the promises, mutual representations, covenants and agreements in this Agreement, the District and the Recipient, each binding itself, its successors and assigns, do mutually promise, covenant, and agree as follows:





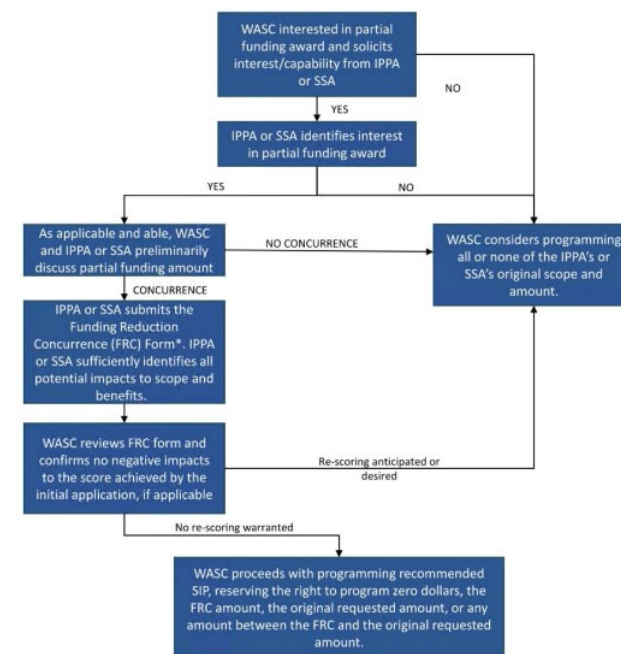
# Adaptive Management

Guidelines and Guidance to provide information related to best practices and additional clarity on select issues



# Partial Funding Guidelines

- The District developed guidelines to address the ability for WASCs to recommend Programming Partial Funding
  - The purpose of this Funding Reduction Concurrence (FRC) form is to demonstrate an IPPA's or SSA's willingness and ability to complete a project or study with a lesser amount than the amount requested in its application without negatively impacting the score or changing the scope.
  - Provide a compensation plan for shortfall.
  - Reliance on subsequent Regional Program funding is not a guarantee and is therefore discouraged.



\* - FRC form is due at least one week before the WASC meeting. WASC to defer further discussion regarding programming the subject project or study in the recommended SIP until next meeting

Figure 1: Flowchart for Partial Funding recommendation for projects and studies in each current SIP cycle.



# Interim Guidance

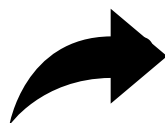


With stakeholder input, the District developed the 2022 Interim Guidance to help facilitate CFP4 and each component includes a brief vision for future guidance



## 2022 Interim Guidance

- Strengthening Community Engagement and Support
- Water Supply Guidance
- Programming of Nature-Based Solutions
- Implementing Disadvantaged Community Policies



Other program aspects continue to be clarified or addressed through the Metrics and Monitoring Study and/or advancement of various regional studies.



# Strengthening Community Engagement and Support

This guidance includes:

1. Engagement Prior to Application
2. Engagement Plan for Project Implementation

Table 2. Best practices for conducting outreach and engagement

	Good	Better	Best
Engagement Levels	<p><b>Inform</b> - Provide the community with relevant information</p> <p><b>Consult</b> - Gather input from the Community</p>	<p><b>Involve</b> - Ensure community input, needs, and assets are integrated into processes, receive demonstrable consideration and appropriate responses, and inform planning</p> <p><b>Educate</b> – Grow community understanding of the existing infrastructure systems, purposes, perceived outstanding needs, pertinent history and regulations, SCW Program opportunities (including Watershed Coordinators) to establish</p> <p><b>Learn</b> – Grow own understanding of existing community, perceived needs, pertinent history, key concerns, and other potentially interested parties.</p>	<p><b>Collaborate</b> - Leverage and grow community capacity to play a leadership role in both planning and implementation</p> <p><b>Incorporate</b> - Foster democratic participation and equity by including the community in decision-making, bridge divide between community and governance</p> <p><b>Partner</b> – Establish certain project concepts based on community-driven and identified needs, solidify formal partnerships, and build in sustained paths forward to joint implementation and management with well-defined roles per agreement</p>



# Water Supply Guidance

1. Establishes shared vocabulary
2. Clarifies characterization of Water Supply Benefits
3. Provides guidance to the Scoring Committee
4. Provides guidance to the nine Watershed Area Steering Committees

## SCW Program 2022 Interim Guidance

### Water Supply Guidance



#### Evaluating Water Supply Benefits at the WASC

As Watershed Area Steering Committees (WASCs) develop Stormwater Investments Plans (SIPs), they can benefit from the following strategies in determining the appropriateness of each Project's claim of providing, or not providing, Water Supply Benefits:

#### **Tools and strategies to evaluate Water Supply Benefits that WASC members should use during Project evaluation:**

- Read the justification provided in the application, submitted Feasibility Study, and scoring rubric about Water Supply Benefits claimed for the Project, including how the project creates locally available water supply.
- Where applicable, review applications for assurance that infiltrated water reaches an aquifer managed for beneficial use through demonstration of high infiltration potential or proximity to a water reclamation facility.
- During presentations by Project proponents, ask follow-up questions about the Water Supply Benefits claimed for the Project, as appropriate.

#### **Tools and strategies to evaluate Water Supply Benefits that WASC members can use at any time:**

- Ask Watershed Coordinator(s) to evaluate and report to the WASC how the people, public agencies, and other stakeholders would describe the preferred Water Supply Benefits in the Watershed Area (i.e., desired outcomes and watershed-specific goals).
- Invite informational presentations from agencies, organizations, and other stakeholders to better understand potential Water Supply Benefits sought and challenges faced in the Watershed Area.



# Programming of Nature-Based Solutions

The guidance clarifies how best to prioritize Nature-Based Solutions by:

1. Establishing a shared vocabulary
2. Providing guidance to the nine WASCs
3. Clarifying prioritizing Nature-Based Solutions; and
4. Highlighting how the Feasibility Study requirements and the Projects Module support Project proponents and WASCs in the prioritization of Nature-Based Solutions.





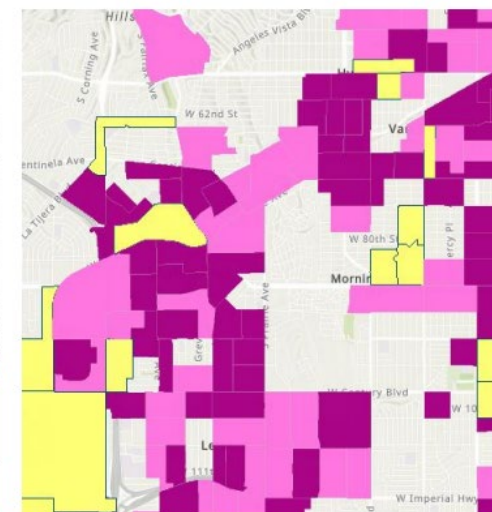
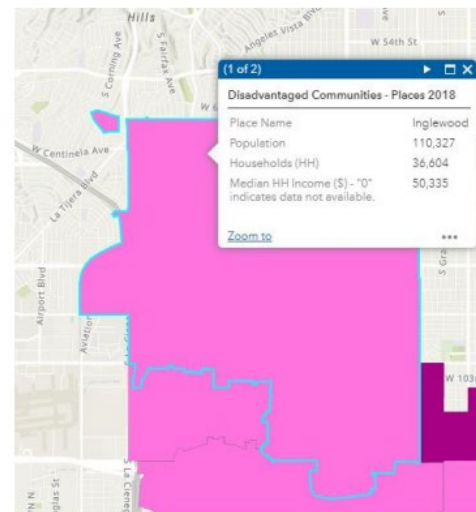
# Implementing Disadvantaged Community Policies

This guidance includes the following:

1. Clarification of how to interpret and substantiate a Project's ability to deliver Disadvantaged Community Benefits
2. Procedures for consistently accounting for the 110% SIP provisions
3. Considerations to inform deliberation and discussion

## Inglewood Example

If you calculate the median household income for the city of Inglewood as a Census Place (Figure 1), you find that the city has a median household income below 80% of the statewide median household income, and therefore can be considered a disadvantaged community. However, when you review the many Census Block Groups within the city of Inglewood (Figure 2), you find that some are considered disadvantaged, some severely disadvantaged (defined in the State Water Code as having a median household income below 60% of the statewide median household income), and some are neither.







# Projects Module Updates

In alignment with the Interim Guidance and stakeholder input, the Projects Module has been updated and is being improved every year with new fields and tool tips, and general improvements.

## General Information

- Include costs for planning, design, bid/award, construction, O&M
- Specify regional WMP
- Provide Letter of Support from Owner
- Available executive summary template

## Community Investment & Local Support

- Upload supporting documentation
- Provide Disadvantaged Community Benefits supporting documentation

## Water Supply

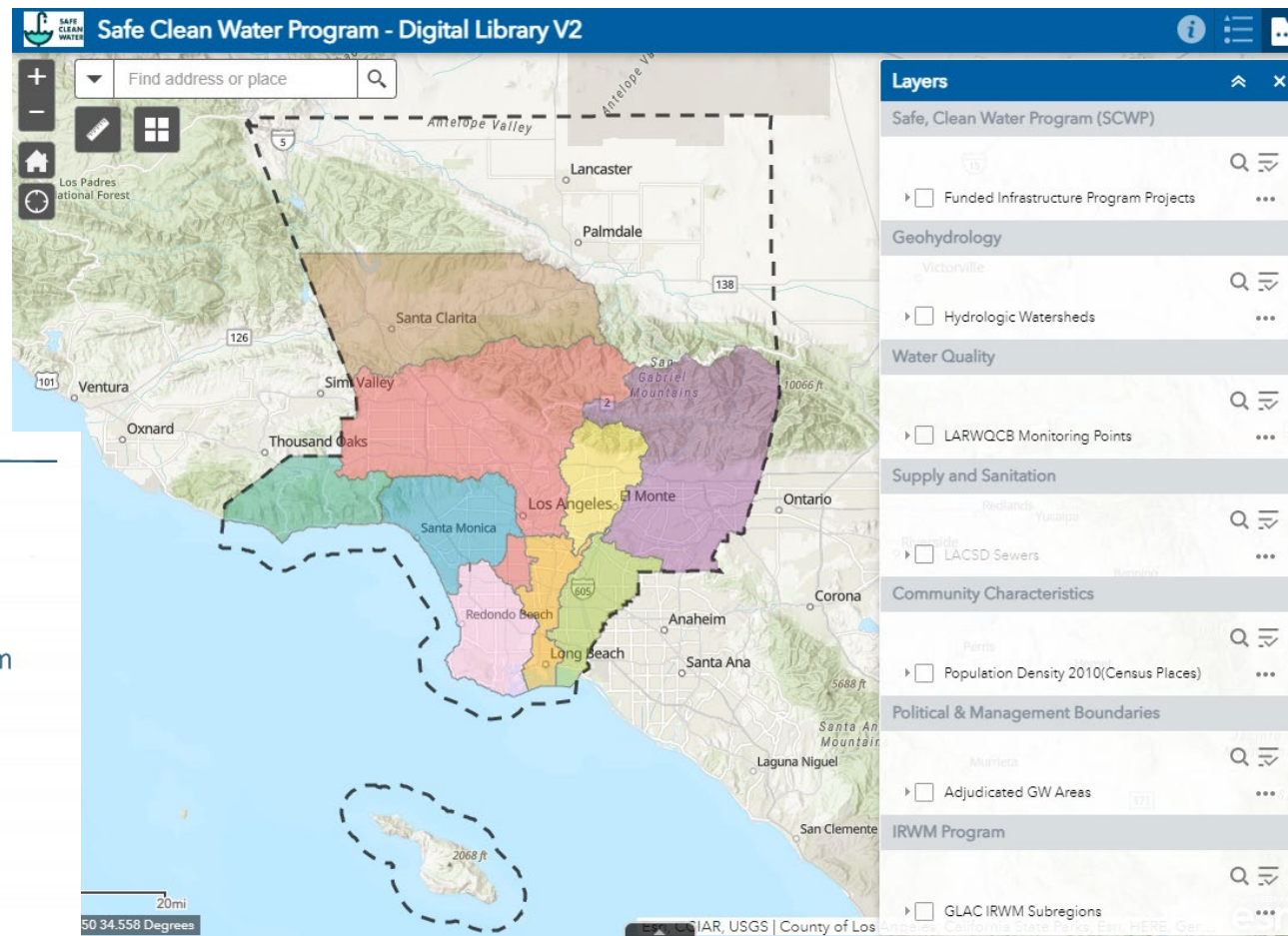
- Provide information on downstream projects
- Provide information on capturing “first flush” flows



# Resources

## RESOURCES:

- [Feasibility Study Guidelines](#)
- [Spatial Data Library](#)
- [Regional Program TA Template](#)
- [FY22-23 Recommended SIPs](#)



Regional Program  
Agreement No. \_\_\_\_\_

### TRANSFER AGREEMENT BETWEEN THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT AND

### AGREEMENT NO. \_\_\_\_\_ SAFE, CLEAN WATER PROGRAM – REGIONAL PROGRAM

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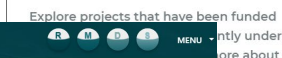
### Safe, Clean Water Program Feasibility Study Guidelines

*[Signature]*  
\_\_\_\_\_  
Los Angeles County Flood Control District

9/19/19  
Date Adopted



- Map
- Dashboard
- Reporting
- Apply
- SIP Tool







# Projects Module



Welcome to  
Safe Clean Water  
Regional Program  
Projects Module



Login

Email

Password

[Sign Up](#) [Login](#)

[Forgot Password?](#)

[MY PROJECTS](#)

**Regional Projects  
General Information**

Design Elements

Water Quality

Water Supply

Community Investment  
& Local Support

Nature-Based Solutions

Cost & Schedule

Additional Feasibility  
Information

[SCORE](#)

[SUBMITTAL](#)



Safe Clean Water Projects Module

Est. Score: 0 | [Menu](#)

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[Informational Session](#)

[Overview](#)

[Location](#)

[Project Description](#)

## Welcome to the Regional Projects Module!

This interactive tool guides the user through the process of inputting all necessary Project data as well as data required for scoring by the Scoring Committee. This tool effectively represents a template for Feasibility Studies and incorporates all required information called out in the feasibility study guidelines. A complete submission will be considered equivalent to a Feasibility Study upon confirmation from the corresponding Watershed Area Steering Committee.

A Feasibility Study is required before a Project can be submitted for consideration, scoring, and potential recommendation for incorporation into a Stormwater Investment Plan. The [Feasibility Study Guidelines](#) include 19 requirements; an overview of this Module and mapping to corresponding requirements is summarized below.

Submissions that receive SCW funds are subject to the requirements outlined in the Regional Program Fund Transfer Agreements ([Regional TA](#)). Applicants are encouraged to review and be familiar with these requirements prior to submission.

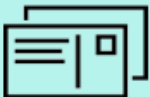
MODULE SECTION	TAB (CLICK TO BE DIRECTED TO SECTION)	REQUIREMENTS ADDRESSED #
GENERAL INFORMATION	<a href="#">Informational Session</a>	N/A
	<a href="#">Overview</a>	10
	<a href="#">Location</a>	1, 12, 19
	<a href="#">Project Description</a>	8, 1
	<a href="#">Configuration</a>	1



# Questions?



**[www.SafeCleanWaterLA.org](http://www.SafeCleanWaterLA.org)**



**[SafeCleanWaterLA@pw.lacounty.gov](mailto:SafeCleanWaterLA@pw.lacounty.gov)**



**833-ASK-SCWP**