

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Stormwater Investment Plan Upper Los Angeles River Watershed Area

The Stormwater Investment Plan (SIP) is an annual five (5) year plan developed by each Watershed Area Steering Committee (WASC) that recommends funding allocations for Projects and Programs in the Regional Program’s Infrastructure Program, Technical Resources Program, and Scientific Studies Program.

The purpose of the SIP is to capture recommended programming for the upcoming fiscal year as well as anticipated recommendations for the next four subsequent years.

The following sections include details regarding the recommended SIP:

1 Contents

1	Summary of Stormwater Investment Plan Recommendations	2
2	Summary of Meetings and Process.....	4
3	Infrastructure Program	6
4	Technical Resources Program	18
5	Scientific Studies Program	20
6	Next Steps	21

Attachments:

- Attachment A – Final Recommended SIP
- Attachment B – Summary to Date
- Attachment C – Funding Reduction Concurrence Forms

Please review the recommended SIP and select one of the following:

	Regional Oversight Committee (ROC) concurs with the recommended SIP as-is
	Refer to ROC meeting minutes for comments

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



1 Summary of Stormwater Investment Plan Recommendations

The Upper Los Angeles River Watershed Area receives approximately \$38.7M in annual Regional Program funds.

For Fiscal Year 2022-2023 (FY22-23), 12 Infrastructure Program Project applications, 2 Technical Resources Program Project concept applications, and 5 Scientific Studies Program applications were submitted for consideration. After careful review and consideration, the WASC voted to include 5 Infrastructure Program Projects, 2 Technical Resources Program Project concepts, 3 Scientific Studies, and 3 Watershed Coordinators into the recommended SIP.

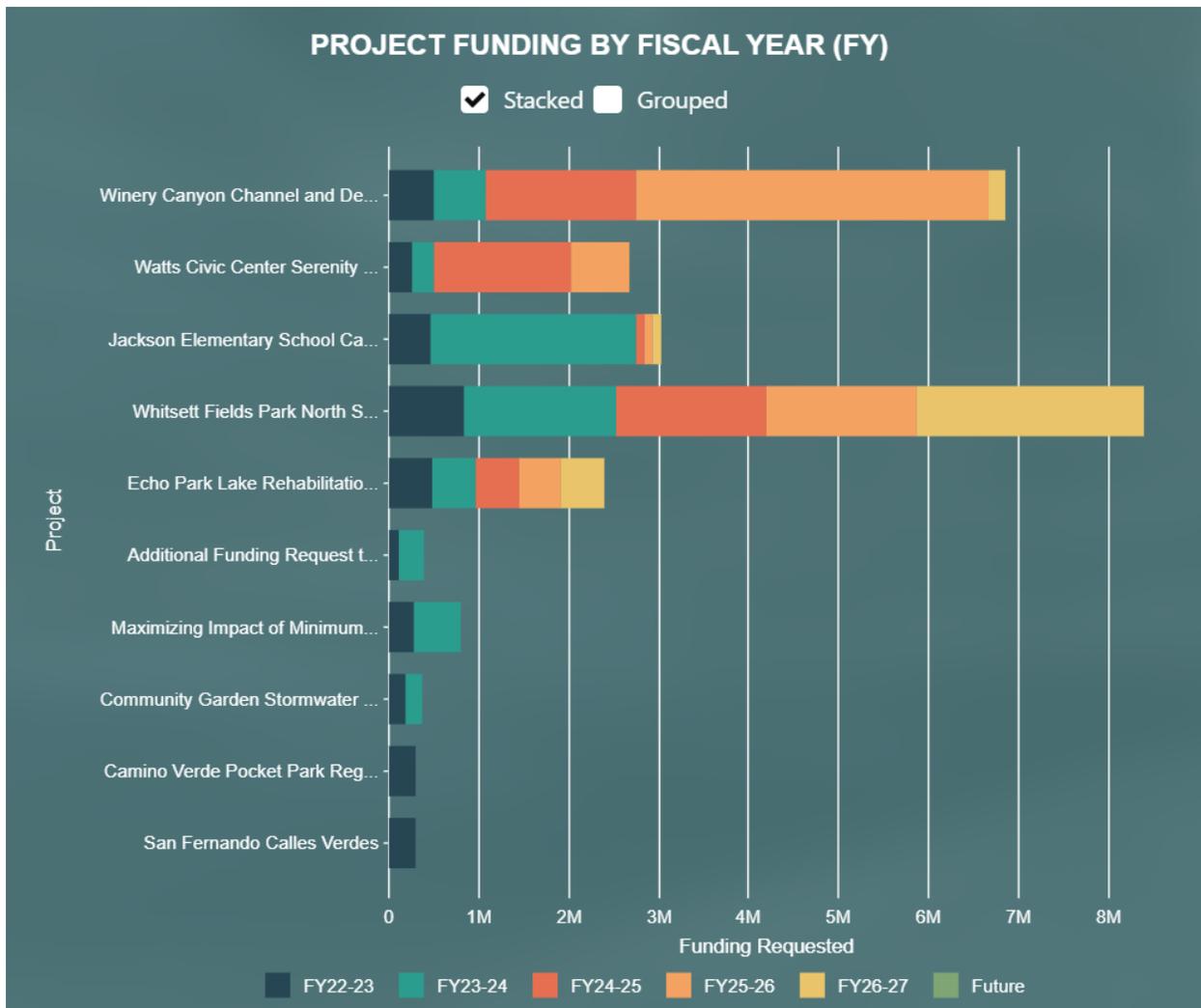
Below is a summary of the total funding allocated per year in the recommended SIP, including both new projects and continuing projects. The table also includes a column of the anticipated annual operations, maintenance, and monitoring costs for the new and continuing projects.

	Budget		Projections				TOTAL	Annual O&M
	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Future Funding		
A. Anticipated Annual Regional Program Funds Collected	\$38.7M	\$38.7M	\$38.7M	\$38.7M	\$38.7M		\$193M	
B. Anticipated Annual Regional Program Funds Available (A+D) ⓘ	\$41.3M	\$39.5M	\$40.6M	\$43.7M	\$62.9M			
C. Total Recommendation in Current SIP	\$3.7M	\$6.3M	\$5.4M	\$6.8M	\$3.3M	\$0	\$25.5M	\$1.1M
Total Allocated in Previous SIP(s)	\$36.7M	\$31.3M	\$30.2M	\$12.6M	\$11.2M	\$30.9M	\$122M	\$4.7M
D. Remaining Balance/Rollover Funds (B-C) ⓘ	\$2.6M	\$832k	\$2M	\$5M	\$24.3M	\$48.5M		Total: \$5.8M
E. Percent Allocated (C/B) ⓘ	98%	95%	88%	44%	23%		76%	

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Refer to Attachment A or the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the Final Recommended SIP with additional project details.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



2 Summary of Meetings and Process

The WASC met ten times between September 2021 and April 2022. Refer to [Upper Los Angeles River Watershed Area - Safe Clean Water Program \(safecleanwaterla.org\)](https://safecleanwaterla.org) for the current list of WASC members, meeting dates, and meeting materials.

2.1 Call for Projects

The Call for Projects for FY22-23 funding ended on July 31, 2021. After a check for completeness by the Los Angeles County Flood Control District (District) staff, the WASC received an overview of project submittals. The WASC discussed the Projects, and voted to send all Infrastructure Projects to be scored by the Scoring Committee.

2.2 Scoring

The Scoring Committee evaluated each project submittal and provided an official score based on the scoring criteria defined in the [Feasibility Study Guidelines](#). Since all Regional Program Projects must meet the Threshold Score of 60 points or more to be eligible for consideration in the Infrastructure Program, only those qualifying projects were returned to the WASC for further evaluation. The following projects from the City of Glendale were determined unable to score: Acacia Avenue Storm Drain Infiltration Project and California Avenue and Adjacent Streets Stormwater Capture Project. The following projects from Los Angeles Department of Water and Power and Los Angeles Mission College/BuildLACCD scored below the threshold: Alexandria Park Stormwater Capture Project and LAMC South Arroyo Improvement and Deep Underground Infiltration Project. See [Scoring Rubric for FY22-23 \(https://safecleanwaterla.org/wp-content/uploads/2022/01/ULAR-WASC-Scoring-Rubric-FY22-23.pdf\)](https://safecleanwaterla.org/wp-content/uploads/2022/01/ULAR-WASC-Scoring-Rubric-FY22-23.pdf) for more details.

2.3 Presentations

The WASC received presentations from all Regional Program applicants that submitted complete proposals. Each presentation was allotted approximately 10 minutes of presentation time with 10 minutes for questions and answers; additional time for presentation or Q&A was accommodated when necessary. The committee members discussed each application at the conclusion of each presentation.

As appropriate, the WASC also received updates from the previous applicants on Projects, Concepts, and Studies, that were previously approved from the FY20-21 and FY21-22 SIPs. Those recipients continued to execute their Transfer Agreements or Addendums, receive funds, initiate the approved activities, and begin the formal reporting process.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



2.4 Preliminary Ranking Worksheet

The WASC discussed each eligible project, project concept, and scientific study as a group. The applications were ranked by each committee member and the totals were aggregated as follows:

Program	Project Name	Number of Votes	Total*	Program Place	Overall Place
IP	Whitsett Fields Park North Stormwater Capture Project	15	100	1	1
IP	Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	15	87	2	2
IP	Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	14	70	3	3
IP	Echo Park Lake Rehabilitation Operation and Maintenance	14	69	4	4
IP	La Crescenta Green Improvement Project	12	68	5	5
IP	Watts Civic Center Serenity Greenway	12	64	6	6
IP	LA River Green Infrastructure Project	9	37	7	10
IP	North Hollywood Park Stormwater Capture Project	4	8	8	13
TRP	San Fernando Calles Verdes	15	23	1	12
TRP	Camino Verde Pocket Park Regional Stormwater Capture Demonstration Project	15	23	1	12
SS	Additional Funding Request to Support the LRS Adaptation Addressing the LA River Bacteria TMDL for the ULAR Watershed Management Group	12	49	1	7
SS	Community Garden Stormwater Capture Investigation	13	46	2	8
SS	Maximizing Impact of Minimum Control Measures	12	43	3	9
SS	Regional Pathogen Reduction Study	10	27	4	11
SS	Community-Centered Optimization of Nature-Based BMPs Starting with the Gaffey Nature Center Facility	4	8	5	13

* NOTE: These values are NOT project scores but rather a weighted representation of the committee's preliminary rankings to help prioritize funding considerations and discussion.

2.5 SIP Development

The WASC is aware of the District's in-progress Metrics and Monitoring Study that is intended to help inform future SIP development through the support of both early/coordinated planning as well as more meaningful tracking/monitoring of projects and benefits. These results, along with other efforts and regional plans related to identifying needs, priorities, and lessons learned, will continue to be grafted

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



into the Regional Program process as able. In meantime, the WASC reviewed and utilized all available information and guidance materials including, but not limited to, the items listed below. Please refer to the [Project Portal \(https://portal.safecleanwaterla.org/scw-reporting/map\)](https://portal.safecleanwaterla.org/scw-reporting/map) and the WASC webpage on the [Safe, Clean Water website \(www.safecleanwaterla.org\)](http://www.safecleanwaterla.org) for details.

- Project Applications, factsheets, and Presentations
- Safe Clean Water Spatial Data Library
- SIP Programming Tool
- Preliminary Rankings, as applicable
- Anticipated future construction costs for projects
- Program Guidance
 - Programming of Nature-Based Solutions
 - Implementing Disadvantaged Community Policies in the Regional Program
 - Partial Funding Guidelines

The WASC discussed all available information and received public comments before voting to approve Projects and studies and their corresponding annual funding allocations into the recommended SIP.

2.6 Summary of Public Comment

The WASC received public comments which are available in the WASC meeting minutes on the [Safe, Clean Water website](http://www.safecleanwaterla.org). The WASC did not receive any strong public input contrary to the recommended SIP. The WASC received strong public support for the Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project and the LA River Green Infrastructure Project. The WASC received strong input from the City of Los Angeles opposing of the WASC considering the North Hollywood Park Stormwater Capture Project for funding as the applicant did not receive support from the municipality, the City of Los Angeles. The WASC received strong input from the North Hollywood Park Stormwater Capture Project applicant for the WASC to consider the project for funding.

3 Infrastructure Program

3.1 Submitted and Recommended Projects

All projects were evaluated as described above in Section 2 Summary of Meetings. Below is a list of all Projects submitted to the FY22-23 Infrastructure Program for this Watershed Area. Projects shown in white have been included in the recommended SIP.

Project Name	Project Applicant	SIP Programming Status	Phase(s)	Total Funding FY22-27
Echo Park Lake Rehabilitation Operation and Maintenance	City of Los Angeles, LA Sanitation and Environment	Included in SIP	O&M	\$2,400,000.00

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Amigos de los Rios (ADLR) and Pasadena Unified School District (PUSD)	Included in SIP	Design, Construction, O&M	\$3,018,148.00
La Crescenta Green Improvement Project	County of Los Angeles	Not Included	Construction, Design	\$1,500,000.00
LA River Green Infrastructure Project	City of Los Angeles, Bureau of Sanitation and Environment	Not Included	Planning, Design, Construction, O&M	\$31,821,160.00
North Hollywood Park Stormwater Capture Project	SEITec	Not Included	Design, Construction	\$68,229,081.00
Watts Civic Center Serenity Greenway	City of Los Angeles, Council District 15	Included in SIP	Planning, Design, Construction, O&M	\$2,669,000.00
Whitsett Fields Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Included in SIP	Design, Construction	\$8,393,000.00
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	Descanso Gardens Guild, Inc.; City of La Cañada Flintridge	Included in SIP	Design, Construction, O&M	\$6,848,600.00

Refer to Attachment A or the SIP tool (<https://portal safecleanwaterla.org/sip-tool/>) for the Final Recommended SIP with additional project details.

Note, Projects requesting only Design funds are expected to request Construction funds in subsequent years. In addition, all Projects included in the recommended SIP are expected to request additional funding for operations, maintenance, and monitoring for a minimum useful life of 30 years.

3.2 Discussion of Criteria

Per LACFCD Code Ch18.07.B.2, the SIPs shall be developed by the WASC in accordance with the criteria described below.

3.2.1 Regional Program Allocations

Compliant with LACFCD Code Ch18.07.B.2.a

Safe, Clean Water Program

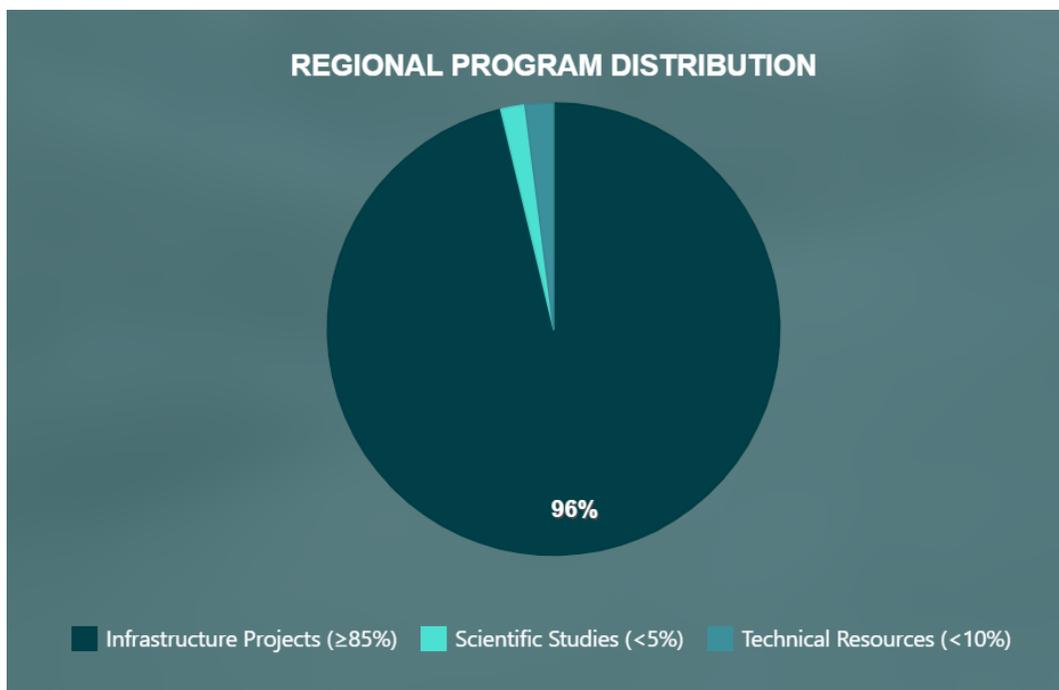
Fiscal Year 2022-2023

Stormwater Investment Plan



Below is a summary of the Regional Program allocations over the 5-year SIP, which includes both new and continuing projects.

Funding Program	Total SCW Funding Allocated FY22-27	Funding Distribution for Subprograms FY22-27
Infrastructure Program (≥85%)	\$171,669,598.50	96.2%
Scientific Studies (<5%)	\$3,105,472.38	1.7%
Technical Resources Program (<10%)	\$3,600,000	2.0%
Grand Total	\$178,375,070.88	



3.2.2 Project Benefits

Compliant with LACFCD Code Ch18.04.E

The Scoring Committee confirmed the scores provided by each project including Water Quality Benefits, Water Supply Benefits, Community Investment Benefits, Nature-Based Solutions, and Leveraging Funds and Community Support as defined in the Feasibility Study Guidelines.

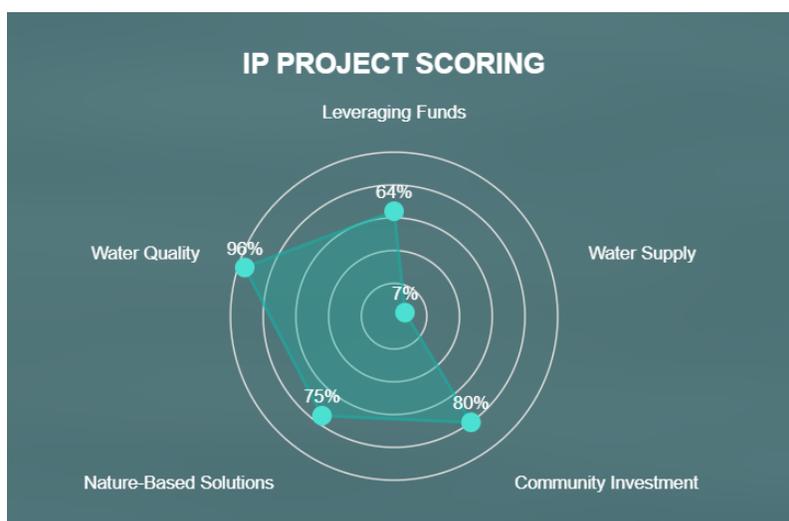
Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Below are the overall preliminary scoring category distributions for the new Infrastructure Program Projects included in the recommended SIP.



3.2.3 MS4 Compliance

Compliant with LACFCD Code Ch18.07.B.2.b.

Below is an overview of the applicant-entered water quality data for the new FY22-23 Infrastructure Program Projects included in the recommended SIP.

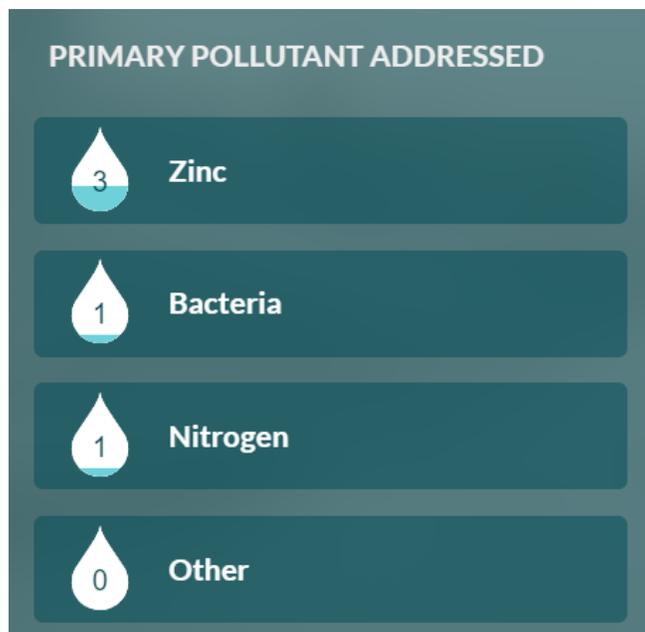
Project Name	Project Type	Capture Area (acres)	24-hr Capacity (acre-feet)	Annual Average Capture (acre-feet)
Echo Park Lake Rehabilitation Operation and Maintenance	Wet	780	90.27	74.09
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Wet	40	6.05	7.03*
Watts Civic Center Serenity Greenway	Wet	7.3	5.96	3.59
Whitsett Fields Park North Stormwater Capture Project	Wet	302.6	18.9	147.5
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	Wet	311.2	4.93	63.5*
Grand Total		1,441.1	126.11	295.71

*Note: Value is specified by the applicant, which differs from the automatically generated value in the application module.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



3.2.4 Disadvantaged Communities (DAC) Benefits

Compliant with LACFCD Code Ch18.07.B.2.c.

Based on the total Infrastructure Program funding allocations for the SIP and the ratio of the DAC population to the total population in each Watershed Area, funding for Projects that provide DAC benefits over the 5-year SIP shall not be less than the value shown below. Below is an overview of Funding Allocated for DACs from FY22-27.

DISADVANTAGED COMMUNITY (DAC) ALLOCATION	
Required DAC Ratio	50%
Required Funding for DACs FY22-27 (110%)	\$ 77,425,557
Funding Allocated for DACs FY22-27	\$ 122,803,802

* These figures are based on the 2016 US Census and will be updated periodically.

As shown, the total Safe, Clean Water Funds benefiting DAC over a rolling 5-year period for the recommended SIP is greater than the required funding for DACs for this Watershed Area.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Below is an overview of the WASC-confirmed DAC Benefit for the new FY22-23 Infrastructure Program Projects included in the recommended SIP. To better assist with and standardize this determination in the future, the District developed interim guidance for implementing Disadvantage Community Policies in the Regional Program. Interim guidance is available on our website (<https://safecleanwaterla.org/regional-program-2/>).

Project Name	Provides Benefit to a DAC	Total Funding FY22-27
Echo Park Lake Rehabilitation Operation and Maintenance	Yes	\$2,400,000.00
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Yes	\$3,018,148.00
Watts Civic Center Serenity Greenway	Yes	\$2,669,000.00
Whitsett Fields Park North Stormwater Capture Project	Yes	\$8,393,000.00
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	No	\$6,848,600.00

3.2.5 Municipality Benefits

Compliant with LACFCD Code Ch18.07.B.2.d.

The ordinance language calls for a distribution of benefits, not necessarily just dollars invested. The currently recommended Projects are distributed throughout the Watershed Area to help comply with this rolling 5-year criterion in future years. The District intends to develop guidance for evaluating and tracking municipality benefits in future years.

Below is a summary of the Municipality in which each new FY22-23 Infrastructure Program Project included in the recommended SIP is located and the Municipalities within the Project's capture area.

Project Name (Municipality)	Municipalities within Project Capture Area
Echo Park Lake Rehabilitation Operation and Maintenance (Los Angeles)	Los Angeles
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project (Unincorporated (Los Angeles County))	Unincorporated (Los Angeles County)
Watts Civic Center Serenity Greenway (Los Angeles)	Los Angeles
Whitsett Fields Park North Stormwater Capture Project (Los Angeles)	Los Angeles
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project (La Cañada Flintridge)	La Cañada Flintridge Unincorporated (Los Angeles County)

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



3.2.6 Project Types and Sizes

Compliant with LACFCD Code Ch18.07.B.2.e.

Recommendations include a variety of projects in order to ensure compliance with this rolling 5-year criterion in future years.

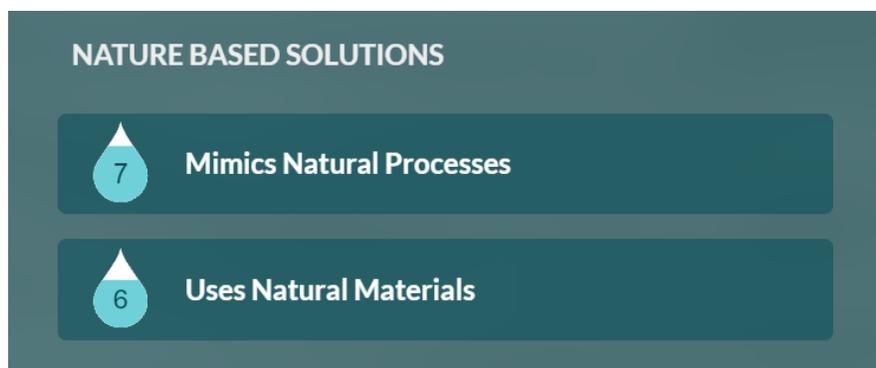
Below is a summary of project types and the total capture area in acres for the new FY22-23 Infrastructure Program Projects included in the recommended SIP.

Project Name	Project Type	BMP Type	Capture Area (acres)
Echo Park Lake Rehabilitation Operation and Maintenance	Wet	Bioretention	780
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Wet	Infiltration Well	40
Watts Civic Center Serenity Greenway	Wet	Infiltration Well	7.3
Whitsett Fields Park North Stormwater Capture Project	Wet	Infiltration Facility	302.6
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	Wet	Cistern	311.2
Grand Total			1,441.1

3.2.7 Nature-Based Solutions

Compliant with LACFCD Code Ch18.07.B.2.f.

Below is a summary of the new FY22-23 Infrastructure Program Projects included in the recommended SIP that implement Nature-Based Solutions (NBS).



Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Project Name	Mimics Natural Processes	Uses Natural Materials
Echo Park Lake Rehabilitation Operation and Maintenance	Yes	Yes
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Yes	Yes
Watts Civic Center Serenity Greenway	Yes	Yes
Whitsett Fields Park North Stormwater Capture Project	Yes	Yes
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	Yes	Yes

Mimics Natural Process: 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.

Uses Natural Materials: Utilizes natural materials such as soils and vegetation with a preference for native vegetation.

For reference, the District developed interim guidance related to developing and programming Nature-Based Solutions in the future. Interim guidance is available on our website (<https://safecleanwaterla.org/regional-program-2/>).

3.2.8 Leveraged Funds and Community Support

Below is a summary of leveraged funds, SCW funding allocations, and community support for the FY22-23 Infrastructure Program Projects included in the recommended SIP.

Project Name	Status of Leveraged Funds	Sum of Leveraged Funding	Community Support Score (max 4 points)
Echo Park Lake Rehabilitation Operation and Maintenance	Commitment Received	\$1,989,000.00	2
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Commitment Received	\$869,852.00	4
Watts Civic Center Serenity Greenway	Commitment Received	\$175,000.00	4
Whitsett Fields Park North Stormwater Capture Project	Commitment Received	\$8,563,000.00	4
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	In Progress	\$2,300,000.00	3
Grand Total		\$13,896,852.00	17

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



*NOTE: Community Support Points are awarded when the Project demonstrates strong local, community-based support and/or has been developed as part of a partnership with local NGOs/CBOs

3.2.9 Long Term Planning Considerations

The WASC incorporated long term planning by considering anticipated future construction costs for continuing and new projects during SIP development. The future anticipated construction costs were estimated and confirmed by project applicants and actual future SCW funding requests for construction may differ due to updated project estimates, leveraged funding, awarded grants, or local match. The majority of WASC members noted the purpose was to demonstrate progress toward MS4 compliance, provide a more accurate construction schedule/cost estimate, and to seek out potential leveraged funding options. Other WASC members expressed concerns with the proposed SIP, noting the limited capacity available for new Projects, Project Concepts brought forth by the Watershed Coordinator, previously funded TRPs that will seek future IP funding, and unforeseen circumstances.

In addition, the annual Operations and Maintenance (O&M) projections provided in the Project applications for the new and continuing Projects were included in the SIP tool and shown below. The recommended SIP anticipates a total annual O&M cost of \$5.8M of the anticipated \$16.7M annual regional program funds collected and will be accounted for in future SIPs.

Below is a summary of the total funding allocated per year in the recommended SIP, including estimated construction costs for both new projects and continuing projects. This represents the theoretical SIP projections based on currently anticipated additional funding requests to cover subsequent phases.

	Budget		Projections					TOTAL	Annual O&M
	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Future Funding			
A. Anticipated Annual Regional Program Funds Collected	\$38.7M	\$38.7M	\$38.7M	\$38.7M	\$38.7M		\$193M		
B. Anticipated Annual Regional Program Funds Available (A+D) ⓘ	\$41.3M	\$39.5M	\$40.6M	\$39.7M	\$54.9M				
C. Total Recommendation in Current SIP	\$3.7M	\$6.3M	\$5.4M	\$6.8M	\$3.3M	\$0	\$25.5M	\$1.1M	
Total Allocated in Previous SIP(s)	\$36.7M	\$31.3M	\$34.2M	\$16.6M	\$13.2M	\$31.9M	\$132M	\$4.7M	
D. Remaining Balance/Rollover Funds (B-C) ⓘ	\$2.6M	\$832k	\$2M	\$1M	\$16.3M	\$38.5M		Total: \$5.8M	
E. Percent Allocated (C/B) ⓘ	98%	95%	97%	59%	30%		81%		

Refer to the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the Final Recommended SIP with anticipated construction costs (“Final - Assuming Construction Cost” scenario). The recommended SIP allows enough future budget to accommodate projects’ anticipated construction costs. Westmont - Vermont Avenue Green Improvement and Altadena - Lake Avenue Green Improvement Projects requested SCW funding in FY21-22 for design only to provide a more accurate construction schedule/cost estimate and to seek out potential leverage funding options. The WASC will discuss selection criteria for future projects requesting SCW funds for construction at a future WASC meeting.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



3.2.10 Other Considerations

The projects included in the recommended SIP were selected based on the results from the Preliminary Ranking Worksheet and robust discussion of Project benefits, anticipated future funding requests, and available funding.

The WASC received presentations from the Infrastructure Program applicants during the WASC meetings on December 1, 2021 and January 5, February 5, and February 20, 2022.

Two Infrastructure Program Project applicants offered to redistribute their funding request from one FY to another FY to address the limited funding capacity and heavy funding requests in FY22-23 and FY23-24. The WASC agreed to consider Watts Civic Center Serenity Greenway Project's redistribution of FY22-23 from \$335,000 to \$255,000 and FY23-24 from \$250,000 to \$170,000. The WASC also agreed to consider LA River Green Infrastructure Project's redistribution of FY22-23 from \$1,984,500 to \$300,000, FY23-24 from \$2,380,327 to \$777,200, FY24-25 from \$1,679,285 to \$3,459,285, FY25-26 from \$25,777,048 to \$3,961,275, and FY26-27 from \$0 to \$23,323,400.

During the tenth WASC meeting on April 21, 2022, the WASC decided to fund Echo Park Lake Rehabilitation Operation and Maintenance, Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project, Watts Civic Center Serenity Greenway, Whitsett Fields Park North Stormwater Capture Project, and the Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project that was funded as a Project Concept in the FY20-21 SIP under the Technical Resources Program as the Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study.

3.3 Continuing Projects

All projects were evaluated as described above in Section 2 Summary of Meetings and Process. Below is a list of continuing Infrastructure Program Projects included in the SIP for this Watershed Area.

Project Name	Project Applicant	SIP Year	SIP Funding Status	Phase(s)	Remaining Funding Request
Altadena - Lake Avenue Green Improvement	Los Angeles County Public Works	FY21-22	Funded	Design	\$0.00
Altadena Mariposa Green Street Demonstration Project	Amigos de los Rios, Claire Robinson	FY21-22	Continuing	Design, Construction	\$194,472.00
Arroyo Seco-San Rafael Treatment Wetlands	City of Pasadena	FY21-22	Continuing	Design, Construction	\$3,576,404.00

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Broadway-Manchester Multi-Modal Green Streets Project	City of Los Angeles Bureau of Street Services (StreetsLA)	FY21-22	Continuing	Construction	\$10,833,000.00
David M. Gonzales Recreation Center Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	FY21-22	Continuing	Design, Construction	\$18,975,000.00
Lincoln Park Neighborhood Green Street Network	City of Los Angeles Sanitation and Environment	FY21-22	Continuing	Planning, Design, Construction, O&M	\$14,907,664.00
Los Angeles Pierce College Northeast Campus Stormwater Capture & Use and Biofiltration Project	Los Angeles Community College District & BuildLACCD	FY21-22	Continuing	Design, Construction	\$4,766,978.00
Metro Orange Line a Water Infiltration and Quality Project	Los Angeles County Metropolitan Transportation Authority	FY21-22	Continuing	Planning, Design, Construction, O&M	\$32,915,458.00
Valley Plaza Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	FY21-22	Continuing	Design, Construction	\$25,918,000.00
Westmont - Vermont Avenue Green Improvement	Los Angeles County Public Works	FY21-22	Funded	Design	\$0.00
Active Transportation Rail to River Corridor Project - Segment A	Los Angeles Metropolitan Transit Authority (Metro)	FY20-21	Continuing	Planning, Design, Construction, O&M	\$2,925,000.00
City of San Fernando Regional Park Infiltration Project	City of San Fernando	FY20-21	Continuing	Construction, O&M	\$301,200.00
Echo Park Lake Rehabilitation	City of Los Angeles, Bureau of Sanitation	FY20-21	Funded	O&M	\$0.00
Fernangeles Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	FY20-21	Continuing	Planning, Design, Construction, O&M	\$2,090,187.07
Franklin D. Roosevelt Park Regional	Los Angeles County	FY20-21	Funded	Completed Project	\$0.00

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Stormwater Capture Project					
Lankershim Boulevard Local Area Urban Flow Management Network Project	City of Los Angeles, Bureau of Sanitation	FY20-21	Continuing	Design, Construction	\$15,418,140.00
Oro Vista Local Area Urban Flow Management Project	City of Los Angeles, Bureau of Sanitation	FY20-21	Continuing	Planning, Design, Construction, O&M	\$6,354,360.00
Rory M. Shaw Wetlands Park Project	Los Angeles Flood Control District	FY20-21	Continuing	Construction	\$6,000.000.00
Strathern Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	FY20-21	Continuing	Planning, Design, Construction, O&M	\$2,319,651.38
The Distributed Drywell System Project	City of Glendale	FY20-21	Continuing	Planning, Design, Construction, O&M	\$51,000.00
Valley Village Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	FY20-21	Continuing	Planning, Design, Construction, O&M	\$794,336.05
Walnut Park Pocket Park Project	County of Los Angeles	FY20-21	Funded	Planning, Design, Construction	\$0.00

Refer to Attachment A or the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the Final Recommended SIP with additional project details and refer to Attachment B for a Summary to Date.

3.3.1 Other Considerations

Future funding for O&M from the following continuing projects were confirmed by the project applicant for FY26-27 and Future Funding allocations in the recommended FY22-23 SIP: Metro Orange Line a Water Infiltration and Quality Project, David M. Gonzales Recreation Center Stormwater Capture Project, Valley Plaza Park Stormwater Capture Project, and Active Transportation Rail to River Corridor Project - Segment A.

The Victory ES - DROPS project applicant withdrew their acceptance of funding as identified in the FY21-22 SIP. Refer to the [Meeting Minutes from the WASC meeting on December 1, 2021](https://safecleanwaterla.org/wp-content/uploads/2021/12/WASC-ULAR-Meeting-Minutes-Attachment-20211201.pdf) (<https://safecleanwaterla.org/wp-content/uploads/2021/12/WASC-ULAR-Meeting-Minutes-Attachment-20211201.pdf>).

Safe, Clean Water Program

Fiscal Year 2022-2023

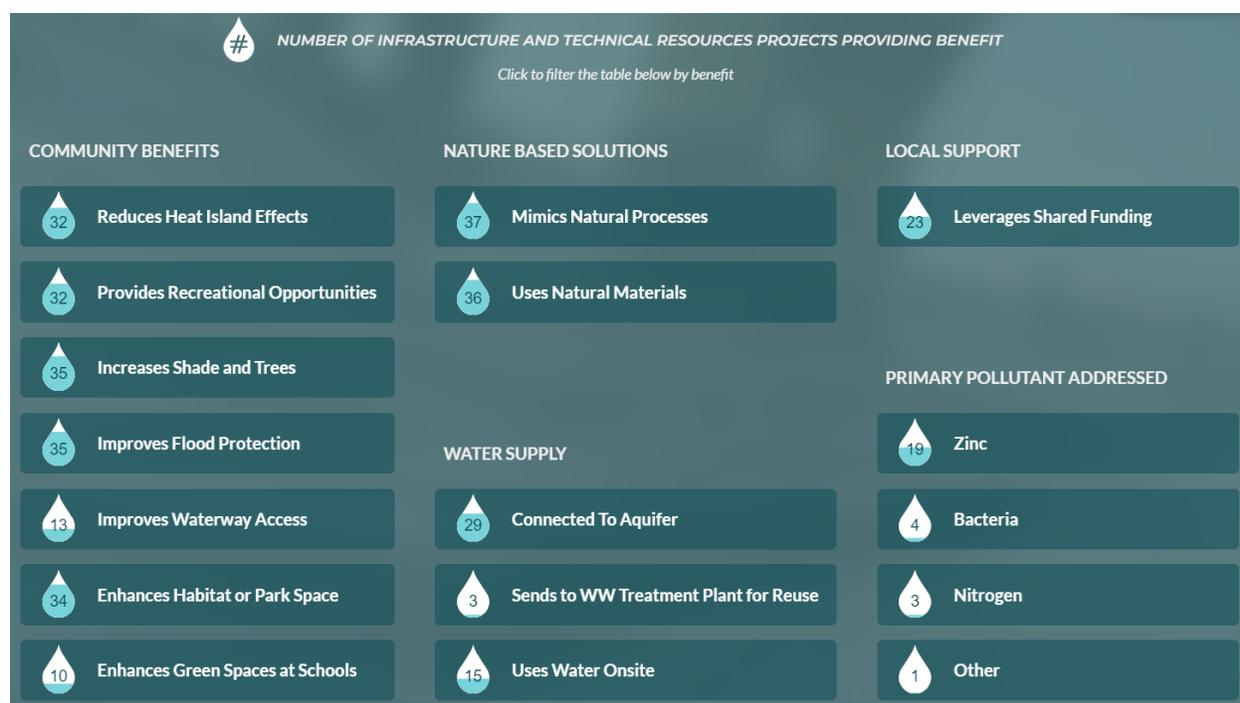
Stormwater Investment Plan



3.4 Projected Watershed Area Benefits To-Date

Below is a summary of the estimated aggregate benefits for Infrastructure Program Projects included in the approved FY20-21 SIP, FY21-22 SIP, and recommended FY22-23 SIP.

Area Managed by Projects (acres)	15,916
Project Storage Capacity (acre-feet)	2,247
Annual Average Stormwater Capture (acre-feet)	36,326
Dry Weather Inflow to Projects (cubic feet per sec)	59



4 Technical Resources Program

Per LACFCD Code Ch18.07.D, the purpose of the Technical Resources Program is to provide Technical Assistance Teams to assist with the development of Feasibility Studies and to provide Watershed Coordinators.

4.1 Submitted and Recommended Project Concepts

Below is a list of all Project concepts submitted to the FY22-23 Technical Resources Program for this Watershed Area. Project concepts shown in white have been included in the recommended SIP.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Project Name	Project Applicant	SIP Programming Status	Total Funding Allocated
Camino Verde Pocket Park Regional Stormwater Capture Demonstration Project	City of South Pasadena	Included in SIP	\$300,000.00
San Fernando Calles Verdes	City of San Fernando	Included in SIP	\$300,000.00

A placeholder to fund three Watershed Coordinators for up to \$200k/year per Watershed Coordinator was included in the recommended SIP.

Refer to Attachment A or the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the Final Recommended SIP with additional project details.

4.2 Continuing Project Concepts

Below is a list of continuing Technical Resources Program Project concepts included in the SIP for this Watershed Area.

Project Name	Project Applicant	SIP Year	SIP Funding Status	Remaining Funding Request
Arroyo Seco Projects	City of South Pasadena	FY20-21	Funded	\$0.00
Green Street Demonstration Project on Main Street	City of Alhambra	FY20-21	Funded	\$0.00
Hay Canyon Channel / FIS Sports Facilities Stormwater Capture Feasibility Study	City of La Cañada Flintridge	FY20-21	Funded	\$0.00
Pasadena Unified School District Campus Green Infrastructure Development Project	Claire Robinson, Managing Director, Amigos de los Rios	FY20-21	Funded	\$0.00
Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study	City of La Cañada Flintridge	FY20-21	Funded	\$0.00
McCambridge Park Stormwater Capture Multi-Benefit Project	City of Burbank	FY21-22	Funded	\$0.00
South Pasadena Huntington Drive Regional Green Street	City of South Pasadena	FY21-22	Funded	\$0.00

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



4.3 Discussion

The WASC received presentations from the Technical Resources Program applicants during the WASC meeting on November 3, 2021. The Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study was funded under the Technical Resources Program in the FY20-21 SIP and the WASC included the Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project under the Infrastructure Program in the recommended FY22-23 SIP. The WASC decided to fund both Project concepts (Camino Verde Pocket Park Regional Stormwater Capture Demonstration Project and San Fernando Calles Verdes).

5 Scientific Studies Program

Per LACFCD Code Ch18.07.E, the purpose of the Scientific Studies Program is to provide funding for scientific and technical activities.

5.1 Submitted and Recommended Studies

Below is a list of all Scientific Studies submitted to the Scientific Studies Program for this Watershed Area. Studies shown in white have been included in the recommended SIP.

Project Name	Project Applicant	SIP Programming Status	Total Funding Allocated in this WASC
Additional Funding Request to Support the LRS Adaptation Addressing the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	Included in SIP	\$385,094.71
Community Garden Stormwater Capture Investigation	Los Angeles County Garden Council	Included in SIP	\$378,286.00
Community-Centered Optimization of Nature-Based BMPs Starting with the Gaffey Nature Center Facility	Shahriar Eftekhazadehm PhD, PE	Not Included	\$760,000.00
Maximizing Impact of Minimum Control Measures	San Gabriel Valley Council of Governments	Included in SIP	\$802,945.67
Regional Pathogen Reduction Study	Gateway Water Management Authority	Not Included	\$2,328,277.14

Refer to Attachment A or the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the Final Recommended SIP with additional project details.

5.2 Continuing Studies

Below is a list of all the Scientific Studies that were included in the Previous Fiscal Year's SIP.

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Project Name	Project Applicant	SIP Year	SIP Funding Status	Remaining Funding Requested
LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	FY20-21	Continuing	\$308,000.00
preSIP: A Platform for Watershed Science and Project Collaboration	San Gabriel Valley Council of Governments	FY20-21	Continuing	\$400,000.00
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	FY20-21	Continuing	\$123,491.00
Evaluation of infiltration testing methods for design of stormwater drywell systems	California State Polytechnic University, Pomona	FY21-22	Funded	\$0.00
Fire Effects Study in the ULAR Watershed Management Area	San Gabriel Valley Council of Governments	FY21-22	Continuing	\$416,234.00
LAUSD Living Schoolyards Program Pilot Study	TreePeople	FY21-22	Continuing	\$291,421.00

5.3 Discussion

The WASC received presentations from the Scientific Studies Program applicants during the WASC meetings on October 6 and November 3, 2021. The District hired Southern California Coastal Water Research Project (SCCWRP) to provide independent, rapid, and unbiased evaluation (summary) of the technical adequacy of each scientific study proposal, which were shared with the project applicants and WASC members. The WASC decided to fund Additional Funding Request to Support the LRS Adaptation Addressing the LA River Bacteria TMDL for the ULAR Watershed Management Group, Community Garden Stormwater Capture Investigation, and Maximizing Impact of Minimum Control Measures.

6 Next Steps

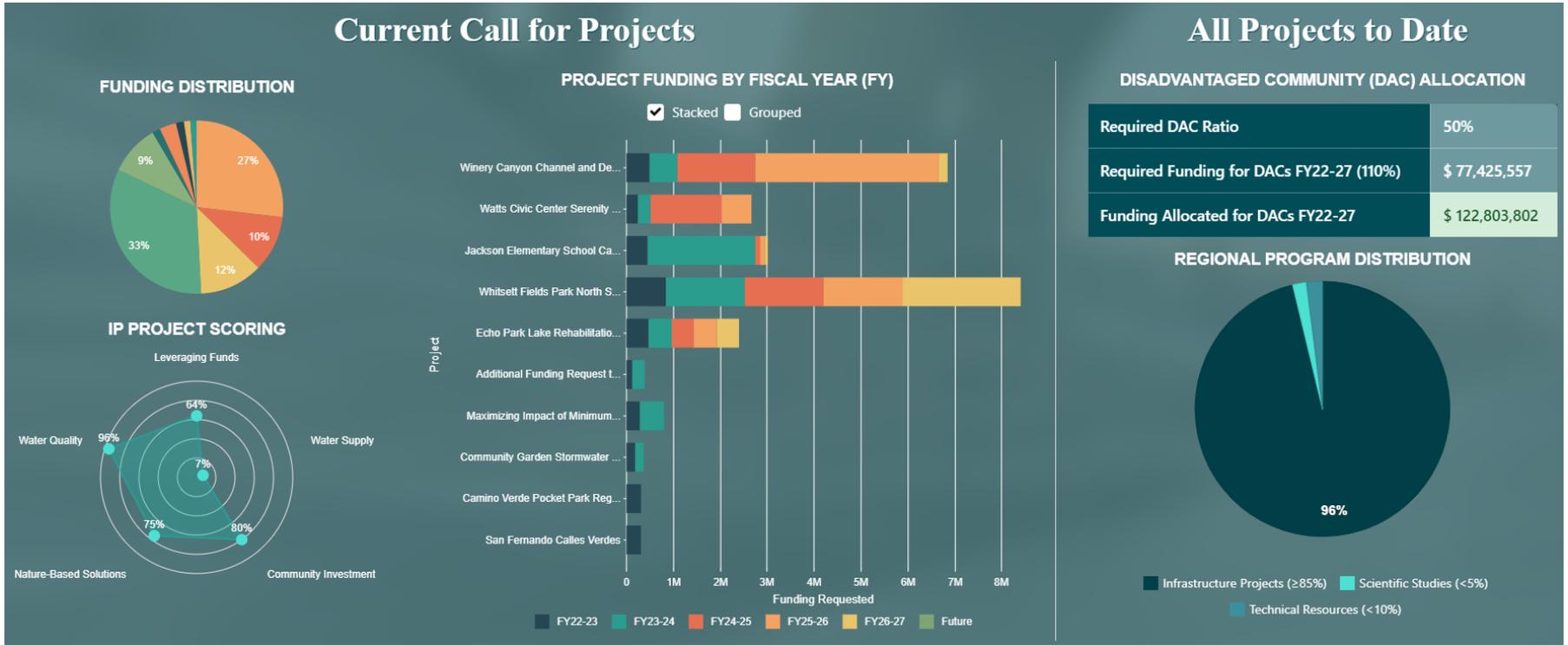
The WASC requests that the Regional Oversight Committee (ROC) advance the recommended SIP to the Board of Supervisors for approval.

Next WASC meeting(s):

- July 6, 2022 2:00 pm – 4:00 pm (to consider ROC feedback, if available)

Additional meetings to be schedules to consider ROC feedback, if necessary.

Attachment A
Final Recommended SIP – Upper Los Angeles River



	Budget		Projections					
	FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Future Funding	TOTAL	Annual O&M
A. Anticipated Annual Regional Program Funds Collected	\$38.7M	\$38.7M	\$38.7M	\$38.7M	\$38.7M		\$193M	
B. Anticipated Annual Regional Program Funds Available (A+D) ⓘ	\$41.3M	\$39.5M	\$40.6M	\$43.7M	\$62.9M			
C. Total Recommendation in Current SIP	\$3.7M	\$6.3M	\$5.4M	\$6.8M	\$3.3M	\$0	\$25.5M	\$1.1M
Total Allocated in Previous SIP(s)	\$36.7M	\$31.3M	\$30.2M	\$12.6M	\$11.2M	\$30.9M	\$122M	\$4.7M
D. Remaining Balance/Rollover Funds (B-C) ⓘ	\$2.6M	\$832k	\$2M	\$5M	\$24.3M	\$48.5M		Total: \$5.8M
E. Percent Allocated (C/B) ⓘ	98%	95%	88%	44%	23%		76%	

Attachment A
Final Recommended SIP

Watershed Area	Upper Los Angeles River
Included in SIP?	Yes

Row Labels	Project Lead	DAC	FY 22-23 Budget	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection	FY 26-27 Projection	Anticipated SCW Funding FY 22-27
FY20-21			\$15,928,895.70	\$12,481,569.80	\$10,099,900.00	\$725,000.00	\$725,000.00	\$39,960,365.50
Infrastructure Project			\$14,497,404.70	\$11,881,569.80	\$9,499,900.00	\$125,000.00	\$125,000.00	\$36,128,874.50
Active Transportation Rail to River Corridor Project - Segment A	Los Angeles Metropolitan Transit Authority (Metro)	Yes	\$2,000,000.00	\$425,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$2,800,000.00
City of San Fernando Regional Park Infiltration Project	City of San Fernando (Kenneth Jones)	Yes	\$100,400.00	\$100,400.00	\$100,400.00	\$0.00	\$0.00	\$301,200.00
Echo Park Lake Rehabilitation	City of Los Angeles, Bureau of Sanitation	No	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fernangeles Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$1,254,112.24	\$836,074.83	\$0.00	\$0.00	\$0.00	\$2,090,187.07
Franklin D. Roosevelt Park Regional Stormwater Capture Project	Los Angeles County	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Lankershim Boulevard Local Area Urban Flow Management Network Project	City of Los Angeles, Bureau of Sanitation	Yes	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$0.00	\$0.00	\$15,418,140.00
Oro Vista Local Area Urban Flow Management Project	City of Los Angeles, Bureau of Sanitation	No	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$0.00	\$0.00	\$6,354,360.00
Rory M. Shaw Wetlands Park Project	Los Angeles Flood Control District	Yes	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$0.00	\$0.00	\$6,000,000.00
Strathern Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$1,391,790.83	\$927,860.55	\$0.00	\$0.00	\$0.00	\$2,319,651.38
The Distributed Drywell System Project	City of Glendale	Yes	\$17,000.00	\$17,000.00	\$17,000.00	\$0.00	\$0.00	\$51,000.00
Valley Village Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$476,601.63	\$317,734.42	\$0.00	\$0.00	\$0.00	\$794,336.05
Walnut Park Pocket Park Project	County of Los Angeles	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Scientific Study			\$831,491.00	\$0.00	\$0.00	\$0.00	\$0.00	\$831,491.00
LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	No	\$308,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$308,000.00
preSIP: A Platform for Watershed Science and Project Collaboration	San Gabriel Valley Council of Governments	No	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,000.00
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	No	\$123,491.00	\$0.00	\$0.00	\$0.00	\$0.00	\$123,491.00
Technical Resource			\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$3,000,000.00
Green Street Demonstration Project on Main Street	City of Alhambra	No	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Hay Canyon Channel / FIS Sports Facilities Stormwater Capture Feasibility Study	City of La Canada Flintridge		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pasadena Unified School District Campus Green Infrastructure Development Project	Amigos de los Rios, Claire Robinson	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Upper Los Angeles River Watershed Coordinators	Los Angeles County Flood Control District	No	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$3,000,000.00
Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study	City of La Canada Flintridge		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Arroyo Seco Projects	City of South Pasadena	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FY21-22			\$20,800,169.00	\$18,807,104.00	\$20,082,384.00	\$11,890,116.00	\$10,444,000.00	\$82,023,773.00
Infrastructure Project			\$20,310,734.00	\$18,588,884.00	\$20,082,384.00	\$11,890,116.00	\$10,444,000.00	\$81,316,118.00
Altadena - Lake Avenue Green Improvement	Los Angeles County Public Works	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Altadena Mariposa Green Street Demonstration Project	Amigos de los Rios, Claire Robinson	Yes	\$165,972.00	\$10,500.00	\$9,000.00	\$9,000.00	\$0.00	\$194,472.00
Arroyo Seco-San Rafael Treatment Wetlands	City of Pasadena	Yes	\$1,205,468.00	\$1,185,468.00	\$1,185,468.00	\$0.00	\$0.00	\$3,576,404.00
Broadway-Manchester Multi-Modal Green Streets Project	City of Los Angeles Bureau of Street Services (StreetsLA)	Yes	\$4,000,000.00	\$4,000,000.00	\$2,833,000.00	\$0.00	\$0.00	\$10,833,000.00
David M. Gonzales Recreation Center Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$581,000.00	\$1,550,000.00	\$2,130,000.00	\$3,099,000.00	\$4,067,000.00	\$11,427,000.00
Lincoln Park Neighborhood Green Street Network	City of Los Angeles Sanitation and Environment	Yes	\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$0.00	\$14,907,664.00
Los Angeles Pierce College Northeast Campus Stormwater Capture & Use and Biofiltration Project	Los Angeles Community College District & BuildLACCD	No	\$4,766,978.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,766,978.00
Metro Orange Line a Water Infiltration and Quality Project	Los Angeles County Metropolitan Transportation Authority	Yes	\$5,070,400.00	\$6,000,000.00	\$7,288,000.00	\$823,200.00	\$823,000.00	\$20,004,600.00
Valley Plaza Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$794,000.00	\$2,116,000.00	\$2,910,000.00	\$4,232,000.00	\$5,554,000.00	\$15,606,000.00
Westmont - Vermont Avenue Green Improvement	Los Angeles County Public Works	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Scientific Study			\$489,435.00	\$218,220.00	\$0.00	\$0.00	\$0.00	\$707,655.00
Evaluation of infiltration testing methods for design of stormwater drywell systems	California State Polytechnic University, Pomona	No	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Fire Effects Study in the ULAR Watershed Management Area	San Gabriel Valley Council of Governments	No	\$198,014.00	\$218,220.00	\$0.00	\$0.00	\$0.00	\$416,234.00
LAUSD Living Schoolyards Program Pilot Study	TreePeople	No	\$291,421.00	\$0.00	\$0.00	\$0.00	\$0.00	\$291,421.00
Technical Resource			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
McCambridge Park Stormwater Capture Multi-Benefit Project	City of Burbank	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
South Pasadena Huntington Drive Regional Green Street	City of South Pasadena	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Attachment A
Final Recommended SIP

FY22-23			\$3,710,801.27	\$6,262,749.11	\$5,437,468.00	\$6,822,456.00	\$3,261,600.00	\$25,495,074.38
Infrastructure Project			\$2,524,000.00	\$5,283,224.00	\$5,437,468.00	\$6,822,456.00	\$3,261,600.00	\$23,328,748.00
Echo Park Lake Rehabilitation Operation and Maintenance	City of Los Angeles, LA Sanitation and Environment	Yes	\$480,000.00	\$480,000.00	\$480,000.00	\$480,000.00	\$480,000.00	\$2,400,000.00
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Amigos de los Rios (ADLR) and Pasadena Unified School District (PUSD)	Yes	\$455,200.00	\$2,286,148.00	\$100,600.00	\$100,600.00	\$75,600.00	\$3,018,148.00
Watts Civic Center Serenity Greenway	City of Los Angeles, Council District 15	Yes	\$255,000.00	\$250,000.00	\$1,514,800.00	\$649,200.00	\$0.00	\$2,669,000.00
Whitsett Fields Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$840,000.00	\$1,679,000.00	\$1,679,000.00	\$1,679,000.00	\$2,516,000.00	\$8,393,000.00
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	City of La Canada Flintridge		\$493,800.00	\$588,076.00	\$1,663,068.00	\$3,913,656.00	\$190,000.00	\$6,848,600.00
Scientific Study			\$586,801.27	\$979,525.11	\$0.00	\$0.00	\$0.00	\$1,566,326.38
Additional Funding Request to Support the LRS Adaptation Addressing the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	No	\$119,589.85	\$265,504.86	\$0.00	\$0.00	\$0.00	\$385,094.71
Community Garden Stormwater Capture Investigation	Los Angeles Community Garden Council	No	\$189,144.00	\$189,142.00	\$0.00	\$0.00	\$0.00	\$378,286.00
Maximizing Impact of Minimum Control Measures	San Gabriel Valley Council of Governments	No	\$278,067.42	\$524,878.25	\$0.00	\$0.00	\$0.00	\$802,945.67
Technical Resource			\$600,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00
Camino Verde Pocket Park Regional Stormwater Capture Demonstration Project	City of South Pasadena	Yes	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
San Fernando Calles Verdes	City of San Fernando	Yes	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Grand Total			\$40,439,865.97	\$37,551,422.91	\$35,619,752.00	\$19,437,572.00	\$14,430,600.00	\$147,479,212.88

Attachment B
Summary to Date

Watershed Area	Upper Los Angeles River
Included in SIP?	Yes

Row Labels	Project Lead	DAC	FY 20-21 Disbursements	FY 21-22 Disbursements	FY 22-23 Budget	FY 23-24 Projection	FY 24-25 Projection	FY 25-26 Projection	FY 26-27 Projection	Total Anticipated SCW Funding
FY20-21			\$27,315,801.32	\$33,460,562.21	\$15,928,895.70	\$12,481,569.80	\$10,999,900.00	\$725,000.00	\$725,000.00	\$100,861,729.03
Infrastructure Project			\$24,135,094.32	\$31,634,429.21	\$14,497,404.70	\$11,881,569.80	\$9,499,900.00	\$125,000.00	\$125,000.00	\$92,023,398.03
Active Transportation Rail to River Corridor Project - Segment A	Los Angeles Metropolitan Transit Authority (Metro)	Yes	\$1,500,000.00	\$4,000,000.00	\$2,000,000.00	\$425,000.00	\$125,000.00	\$125,000.00	\$125,000.00	\$8,425,000.00
City of San Fernando Regional Park Infiltration Project	City of San Fernando (Kenneth Jones)	Yes	\$3,115,000.00	\$5,785,000.00	\$100,400.00	\$100,400.00	\$100,400.00	\$0.00	\$0.00	\$9,201,200.00
Echo Park Lake Rehabilitation	City of Los Angeles, Bureau of Sanitation	No	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,000.00
Fernangeles Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$2,926,261.89	\$3,344,299.31	\$1,254,112.24	\$836,074.83	\$0.00	\$0.00	\$0.00	\$8,360,748.27
Franklin D. Roosevelt Park Regional Stormwater Capture Project	Los Angeles County	Yes	\$2,000,000.00	\$2,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,000,000.00
Lankershim Boulevard Local Area Urban Flow Management Network Project	City of Los Angeles, Bureau of Sanitation	Yes	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$5,139,380.00	\$0.00	\$0.00	\$25,696,900.00
Oro Vista Local Area Urban Flow Management Project	City of Los Angeles, Bureau of Sanitation	No	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$2,118,120.00	\$0.00	\$0.00	\$10,590,600.00
Rory M. Shaw Wetlands Park Project	Los Angeles Flood Control District	Yes	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$0.00	\$0.00	\$10,000,000.00
Strathern Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$3,247,511.94	\$3,711,442.21	\$1,391,790.83	\$927,860.55	\$0.00	\$0.00	\$0.00	\$9,278,605.53
The Distributed Drywell System Project	City of Glendale	Yes	\$76,750.00	\$1,765,250.00	\$17,000.00	\$17,000.00	\$17,000.00	\$0.00	\$0.00	\$1,893,000.00
Valley Village Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes	\$1,112,070.49	\$1,270,937.69	\$476,601.63	\$317,734.42	\$0.00	\$0.00	\$0.00	\$3,177,344.23
Walnut Park Pocket Park Project	County of Los Angeles	Yes	\$500,000.00	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000,000.00
Scientific Study			\$980,707.00	\$1,226,133.00	\$831,491.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,038,331.00
LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	No	\$192,500.00	\$385,000.00	\$308,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$885,500.00
preSIP: A Platform for Watershed Science and Project Collaboration	San Gabriel Valley Council of Governments	No	\$700,000.00	\$700,000.00	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,800,000.00
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	No	\$88,207.00	\$141,133.00	\$123,491.00	\$0.00	\$0.00	\$0.00	\$0.00	\$352,831.00
Technical Resource			\$2,200,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$5,800,000.00
Green Street Demonstration Project on Main Street	City of Alhambra	No	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Hay Canyon Channel / FIS Sports Facilities Stormwater Capture Feasibility Study	City of La Canada Flintridge	No	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Pasadena Unified School District Campus Green Infrastructure Development Project	Amigos de los Rios, Claire Robinson	Yes	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Upper Los Angeles River Watershed Coordinators	Los Angeles County Flood Control District	No	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$600,000.00	\$4,200,000.00
Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study	City of La Canada Flintridge	No	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Arroyo Seco Projects	City of South Pasadena	Yes	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$400,000.00
FY21-22				\$12,357,124.00	\$20,800,169.00	\$18,807,104.00	\$20,082,384.00	\$11,890,116.00	\$10,444,000.00	\$124,531,905.00
Infrastructure Project				\$10,346,866.00	\$20,310,734.00	\$18,588,884.00	\$20,082,384.00	\$11,890,116.00	\$10,444,000.00	\$122,433,842.00
Altadena - Lake Avenue Green Improvement	Los Angeles County Public Works	Yes	\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00
Altadena Mariposa Green Street Demonstration Project	Amigos de los Rios, Claire Robinson	Yes	\$545,300.00	\$165,972.00	\$10,500.00	\$9,000.00	\$9,000.00	\$9,000.00	\$0.00	\$739,772.00
Arroyo Seco-San Rafael Treatment Wetlands	City of Pasadena	Yes	\$1,194,953.00	\$1,205,468.00	\$1,185,468.00	\$1,185,468.00	\$0.00	\$0.00	\$0.00	\$4,771,357.00
Broadway-Manchester Multi-Modal Green Streets Project	City of Los Angeles Bureau of Street Services (StreetsLA)	Yes		\$886,000.00	\$4,000,000.00	\$4,000,000.00	\$2,833,000.00	\$0.00	\$0.00	\$11,719,000.00
David M. Gonzales Recreation Center Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes		\$388,000.00	\$581,000.00	\$1,550,000.00	\$2,130,000.00	\$3,099,000.00	\$4,067,000.00	\$19,363,000.00
Lincoln Park Neighborhood Green Street Network	City of Los Angeles Sanitation and Environment	Yes		\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$3,726,916.00	\$0.00	\$18,634,580.00
Los Angeles Pierce College Northeast Campus Stormwater Capture & Use and Biofiltration Project	Los Angeles Community College District & BuildLACCD	No		\$476,697.00	\$4,766,978.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,243,675.00
Metro Orange Line a Water Infiltration and Quality Project	Los Angeles County Metropolitan Transportation Authority	Yes		\$1,600,000.00	\$5,070,400.00	\$6,000,000.00	\$7,288,000.00	\$823,200.00	\$823,000.00	\$34,515,458.00
Valley Plaza Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes		\$529,000.00	\$794,000.00	\$2,116,000.00	\$2,910,000.00	\$4,232,000.00	\$5,554,000.00	\$26,447,000.00
Westmont - Vermont Avenue Green Improvement	Los Angeles County Public Works	Yes		\$500,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500,000.00
Scientific Study				\$1,410,258.00	\$489,435.00	\$218,220.00	\$0.00	\$0.00	\$0.00	\$1,498,063.00
Evaluation of infiltration testing methods for design of stormwater drywell systems	California State Polytechnic University, Pomona	No		\$554,684.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$554,684.00
Fire Effects Study in the ULAR Watershed Management Area	San Gabriel Valley Council of Governments	No		\$203,616.00	\$198,014.00	\$218,220.00	\$0.00	\$0.00	\$0.00	\$943,379.00
LAUSD Living Schoolyards Program Pilot Study	TreePeople	No		\$651,958.00	\$291,421.00	\$0.00	\$0.00	\$0.00	\$0.00	\$943,379.00
Technical Resource				\$600,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00
McCambridge Park Stormwater Capture Multi-Benefit Project	City of Burbank	Yes		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
South Pasadena Huntington Drive Regional Green Street	City of South Pasadena	Yes		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
FY22-23					\$3,710,801.27	\$6,262,749.11	\$5,437,468.00	\$6,822,456.00	\$3,261,600.00	\$18,268,188.38
Infrastructure Project					\$2,524,000.00	\$5,283,224.00	\$5,437,468.00	\$6,822,456.00	\$3,261,600.00	\$16,480,148.00

Attachment B
Summary to Date

Echo Park Lake Rehabilitation Operation and Maintenance	City of Los Angeles, LA Sanitation and Environment	Yes			\$480,000.00	\$480,000.00	\$480,000.00	\$480,000.00	\$480,000.00	\$2,400,000.00		
Jackson Elementary School Campus Greening and Stormwater Quality Improvement Project	Amigos de los Rios (ADLR) and Pasadena Unified School District (PUSD)	Yes			\$455,200.00	\$2,286,148.00	\$100,600.00	\$100,600.00	\$75,600.00	\$3,018,148.00		
Watts Civic Center Serenity Greenway	City of Los Angeles, Council District 15	Yes			\$255,000.00	\$250,000.00	\$1,514,800.00	\$649,200.00	\$0.00	\$2,669,000.00		
Whitsett Fields Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Yes			\$840,000.00	\$1,679,000.00	\$1,679,000.00	\$1,679,000.00	\$2,516,000.00	\$8,393,000.00		
Winery Canyon Channel and Descanso Gardens Stormwater Capture and Reuse Project	Descanso Gardens Guild, Inc.; City of La Canada Flintridge	No			\$493,800.00	\$588,076.00	\$1,663,068.00	\$3,913,656.00	\$190,000.00			
Scientific Study					\$586,801.27	\$979,525.11	\$0.00	\$0.00	\$0.00	\$1,188,040.38		
Additional Funding Request to Support the LRS Adaptation Addressing the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	No			\$119,589.85	\$265,504.86	\$0.00	\$0.00	\$0.00	\$385,094.71		
Community Garden Stormwater Capture Investigation	Los Angeles Community Garden Council	No			\$189,144.00	\$189,142.00	\$0.00	\$0.00	\$0.00			
Maximizing Impact of Minimum Control Measures	San Gabriel Valley Council of Governments	No			\$278,067.42	\$524,878.25	\$0.00	\$0.00	\$0.00	\$802,945.67		
Technical Resource					\$600,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00		
Camino Verde Pocket Park Regional Stormwater Capture Demonstration Project	City of South Pasadena	Yes			\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00		
San Fernando Calles Verdes	City of San Fernando	Yes			\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00		
Grand Total					\$27,315,801.32	\$45,817,686.21	\$40,439,865.97	\$37,551,422.91	\$35,619,752.00	\$19,437,572.00	\$14,430,600.00	\$243,661,822.41