

Safe, Clean Water Program

Fiscal Year 2022-2023

Stormwater Investment Plan



Stormwater Investment Plan Lower San Gabriel 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

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6	Next Steps	18

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

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1 Summary of Stormwater Investment Plan Recommendations

The Lower San Gabriel River Watershed Area receives approximately \$16.7M in annual Regional Program funds.

For Fiscal Year 2022-2023 (FY22-23), 7 Infrastructure Program Project applications, 0 Technical Resources Program Project concepts, and 5 Scientific Studies Program studies were submitted for consideration. After careful review and consideration, the WASC voted to include funding recommendations for 3 Infrastructure Program Projects, 2 Scientific Studies Program studies, and 1 Watershed Coordinator into the recommended SIP.

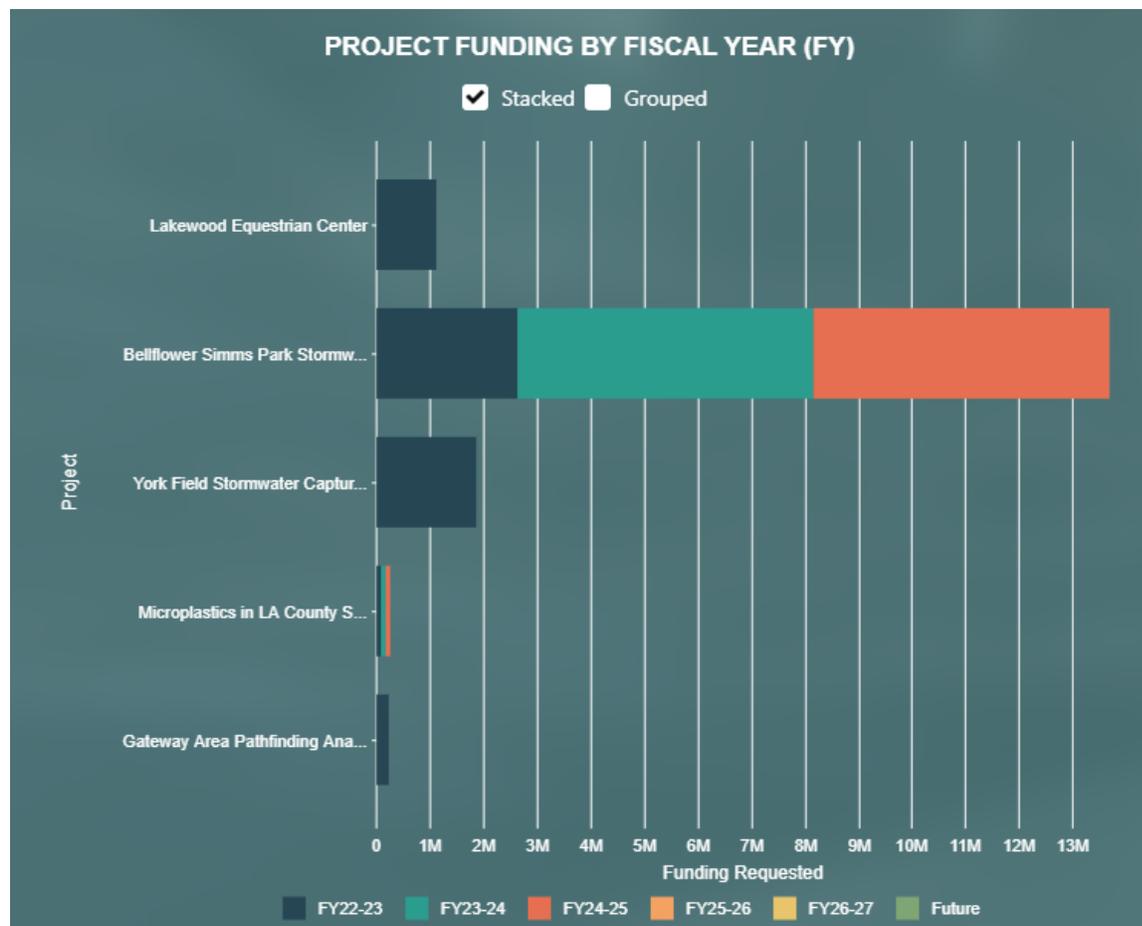
Below is a summary of the total funding allocated per year in the recommended SIP, including both new Projects and continuing Projects. The table also includes a column of the anticipated annual operations, maintenance, and monitoring costs for the new and continuing projects.

	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	\$16.7M	\$16.7M	\$16.7M	\$16.7M	\$16.7M		\$83.5M		
B. Anticipated Annual Regional Program Funds Available (A+D) ⓘ	\$25.9M	\$26.6M	\$34.1M	\$36.8M	\$48M				
C. Total Recommendation in Current SIP	\$5.9M	\$5.6M	\$5.6M	\$0	\$0	\$0	\$17.1M	\$462k	
Total Allocated in Previous SIP(s)	\$10.1M	\$3.6M	\$8.3M	\$5.5M	\$5.5M	\$0	\$33.1M	\$1.3M	
D. Remaining Balance/Rollover Funds (B-C) ⓘ	\$9.2M	\$9.9M	\$17.4M	\$20.1M	\$31.3M	\$42.5M		Total: \$1.8M	
E. Percent Allocated (C/B) ⓘ	62%	35%	41%	15%	12%		60%		

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

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2 Summary of Meetings and Process

The WASC met ten times between August 2021 and May 2022. Refer to <https://safecleanwaterla.org/lower-san-gabriel-river-watershed-area/> 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 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 Stormwater Treatment and Reuse System Hacienda Park and Heartwell Park at Palo Verde Channel Stormwater Capture Project did not meet the Threshold Score. See the [Scoring Rubric for FY22-23](#) 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 Year 1 and Year 2 SIPs. Those recipients continued to execute their Transfer Agreements or Addendums, receive funds, initiate the approved activities, and begin the formal reporting process.

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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	Total*	Program Place
IP	Bellflower Simms Park Stormwater Capture Project	123	1
IP	York Field Stormwater Capture Project	121	2
IP	Lakewood Equestrian Center	119	3
IP	Artesia Park Stormwater Capture Project	116	4
IP	Heartwell Park at Clark Channel Stormwater Capture Project	83	5
SS	Gateway Area Pathfinding Analysis (GAP Analysis)	112	1
SS	Microplastics in LA County Stormwater	105	2
SS	Regional Pathogen Reduction Study	104	3
SS	Community Garden Stormwater Capture Investigation	69	4
SS	Community-Centered Optimization of Nature-Based BMPs Starting with Gaffey Nature Center Facility	61	5

* 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 into the Regional Program process as able. In the 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

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- 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](#). The WASC did not receive any strong public input contrary to the recommended SIP. The WASC received strong public support for the Lakewood Equestrian Center and Bellflower Simms Park Stormwater Capture Projects.

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 FY 22-23 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
Artesia Park Stormwater Capture Project	City of Artesia	Not included	Design	
Lakewood Equestrian Center	City of Lakewood	Included in SIP	Design	\$1,114,794.00
Bellflower Simms Park Stormwater Capture Project (Construction)	City of Bellflower	Included in SIP	Construction	\$13,666,701.00
York Field Stormwater Capture Project	City of Whittier	Included in SIP	Design	\$1,873,720.00
Heartwell Park at Clark Channel	City of Long Beach	Not included	Design	
Stormwater Treatment and Reuse (STAR System) Hacienda Park	City of La Habra Heights	Below Threshold Score	Design, Construction, and O & M	
Heartwell Park at Palo Verde Channel Stormwater Capture Project	City of Long Beach	Below Threshold Score	Design and Construction	

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

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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

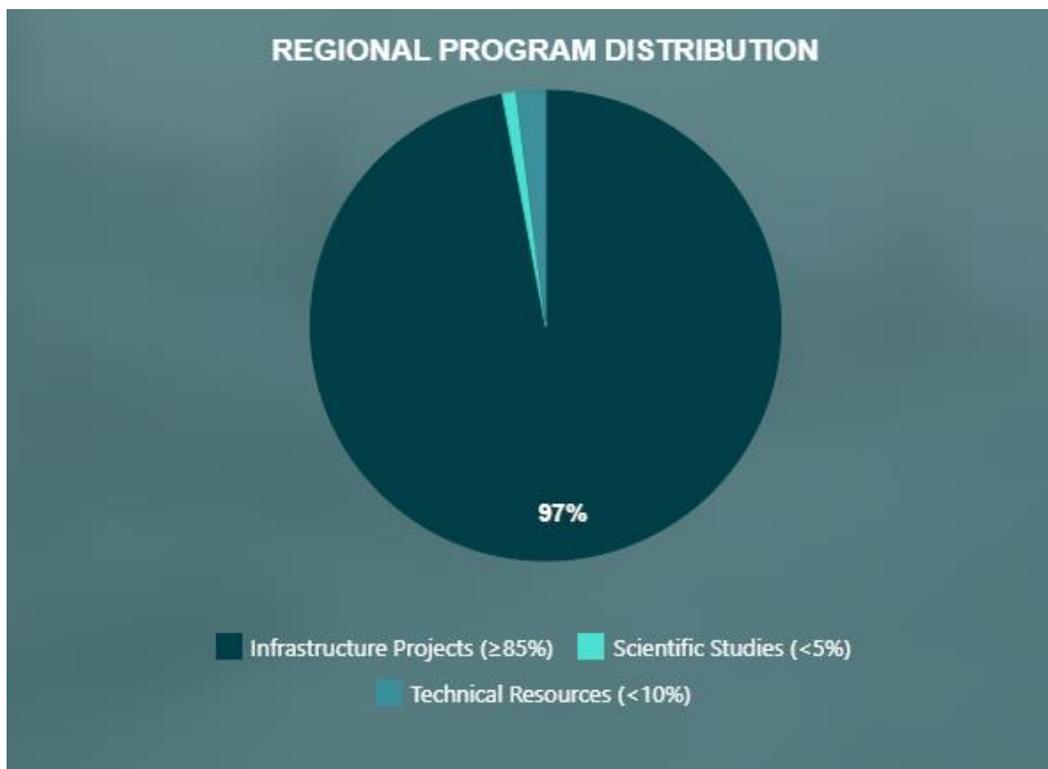
Below is a summary of the Regional Program allocations over the 5-year SIP, which includes both new and continuing Projects.

Funding Program	Total SCW Funding Allocated FY 22-27	Funding Distribution for Subprograms FY 22-27
Infrastructure Program (≥85%)	\$48,778,819	97.0%
Scientific Studies (<5%)	\$477,751.50	1.0%
Technical Resources Program (<10%)	\$1,000,000	2.0%
Grand Total	\$50,256,570.50	

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3.2.2 Project Benefits

Compliant with LACFCD Code Ch18.04.E

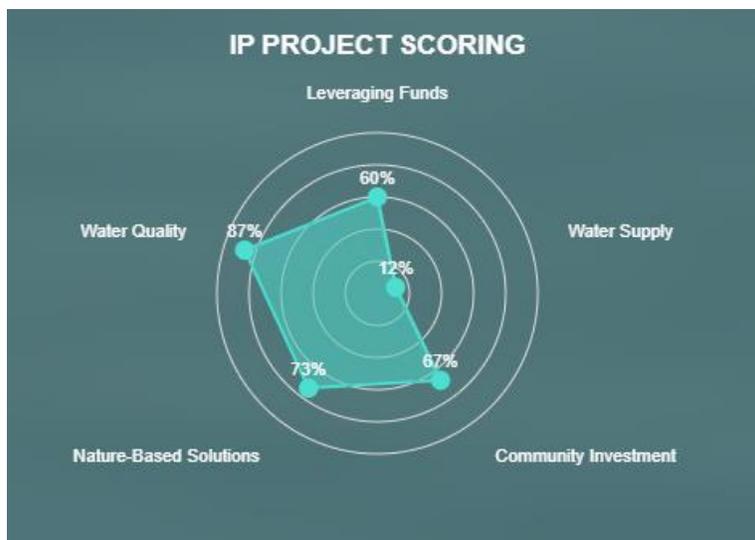
The Scoring Committee confirmed the scores provided by each project including Water Quality Benefits, Water Supply Benefits, Community Investment Benefits, Nature-Based Solutions, and Leveraging Funds and Community Support as defined in the Feasibility Study Guidelines.

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

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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.

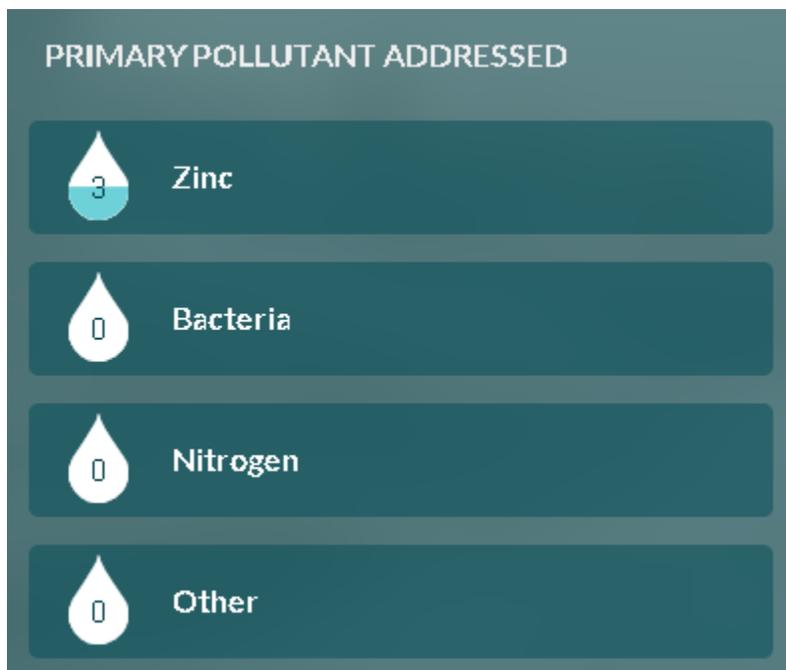
Project Name	Project Type	Capture Area (acres)	24-hr Capacity (acre-feet)	Annual Average Capture (acre-feet)
Lakewood Equestrian Center	Wet	294.87	19.72	147.59
Bellflower Simms Park Stormwater Capture Project (Construction)	Wet	758	27.74	47*
York Field Stormwater Capture Project	Dry	2421	33.65	41*
Grand Total		3473.87	81.11	235.59

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

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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	20%
Required Funding for DACs FY22-27 (110%)	\$ 10,731,340
Funding Allocated for DACs FY22-27	\$ 41,017,765

* 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.

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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/public-review-of-scw-program-2022-interim-guidance/>).

Project Name	Provides Benefit to a DAC	Total Funding FY22-27
Lakewood Equestrian Center	Yes	\$1,114,794.00
Bellflower Simms Park Stormwater Capture Project	Yes	\$13,666,701.00
York Field Stormwater Capture Project	Yes	\$1,873,720.00

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 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 SIP is located and the Municipalities within the Project's capture area.

Project Name (Municipality)	Municipalities within Project Capture Area
Lakewood Equestrian Center (Lakewood)	Cerritos
	Lakewood
Bellflower Simms Park Stormwater Capture Project (Bellflower)	Bellflower
York Field Stormwater Capture Project (Whittier)	Whittier
	Santa Fe Springs
	Unincorporated

3.2.6 Project Types and Sizes

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

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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)
Lakewood Equestrian Center	Wet	Treatment Facility	294.87
Bellflower Simms Park Stormwater Capture Project (Construction)	Wet	Treatment Facility	758
York Field Stormwater Capture Project	Wet	Infiltration Facility	2421
Grand Total			3473.87

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).



Project Name	Mimics Natural Processes	Uses Natural Materials
Lakewood Equestrian Center	Yes	Yes

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Bellflower Simms Park Stormwater Capture Project (Construction)	Yes	Yes
York Field Stormwater Capture 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/public-review-of-scw-program-2022-interim-guidance/>).

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)*
Lakewood Equestrian Center	Money Received	\$371,600	4
Bellflower Simms Park Stormwater Capture Project (Construction)	Commitment Received	\$900,000	4
York Field Stormwater Capture Project	Commitment Received	\$625,000	4
Grand Total		\$1,896,600	12

*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. Actual future SCW funding requests for construction may differ due to updated project estimates, leveraged funding, awarded grants, or local match. The recommended SIP allows enough future budget to accommodate projects' anticipated construction costs except for FY26-27. Lakewood Equestrian Center and York Field Stormwater Capture Project requested SCW funding 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. In addition, the annual

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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 \$1.8M 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	\$16.7M	\$16.7M	\$16.7M	\$16.7M	\$16.7M		\$83.5M		
B. Anticipated Annual Regional Program Funds Available (A+D)	\$25.9M	\$26.6M	\$32.3M	\$23.3M	\$18M				
C. Total Recommendation in Current SIP	\$5.9M	\$7.3M	\$17.4M	\$11.8M	\$7.6M	\$0	\$50.1M	\$462k	
Total Allocated in Previous SIP(s)	\$10.1M	\$3.6M	\$8.3M	\$10.1M	\$17M	\$3.8M	\$49.1M	\$1.3M	
D. Remaining Balance/Rollover Funds (B-C)	\$9.2M	\$9.9M	\$15.6M	\$6.6M	\$1.3M	\$0		Total: \$1.8M	
E. Percent Allocated (C/B)	62%	41%	80%	94%	136%		119%		

Refer to the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the “Final - Assuming Construction Costs” scenario. As shown, other funding sources will be required to bring all projected project to completion, and the majority of the members in the WASC were confident in the Watershed Areas ability to do so. If not, the WASC understands they will need to defer certain projects to occur in later years.

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 and completed Infrastructure Projects included in the SIP for this Watershed Area.

Project Name	Project Applicant	SIP Year	SIP Funding Status	Phase(s)	Remaining Funding Request
Adventure Park Multi Benefit Stormwater Capture Project	Los Angeles County Public Works	FY 20-21	Continuing	Planning & Design	\$6,000,000.00
Bellflower Simms Park Stormwater Capture Project	City of Bellflower	FY 21-22	Funded	Planning & Design	\$0.00
Bolivar Park	City of Lakewood	FY 20-21	Continuing	Operations & Maintenance	\$594,675.00

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Caruthers Park	City of Bellflower	FY 20-21	Continuing	Operations & Maintenance	\$531,000.00
Cerritos Sports Complex	City of Cerritos	FY 21-22	Continuing	Planning & Design	\$467,200.00
El Dorado Regional Project	City of Long Beach	FY 20-21	Funded	Planning & Design	\$0.00
Hermosillo Park	City of Norwalk	FY 20-21	Continuing with Delay	Planning & Design	\$16,010,000.00
Mayfair Park	City of Lakewood	FY 20-21	Continuing	Operations & Maintenance	\$759,675.00
Skylinks Golf Course at Wardlow Stormwater Capture Project	City of Long Beach	FY 20-21	Continuing	Planning, Design & Construction	\$7,761,054.00

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.

Project Developers for continuing and completed Projects are required to submit quarterly progress and expenditure reports which are publicly available on the SCW Portal

(<https://portal.safecleanwaterla.org/scw-reporting/map>) by selecting the Project of interest.

3.3.1 Other Considerations

The WASC decided to delay Year 3 to Year 5 projected funding by 2 years for the **Hermosillo Park Project** approved in the FY 20-21 SIP due to delay in executing Transfer Agreement and project's schedule.

3.4 Projected Watershed Area Benefits To-Date

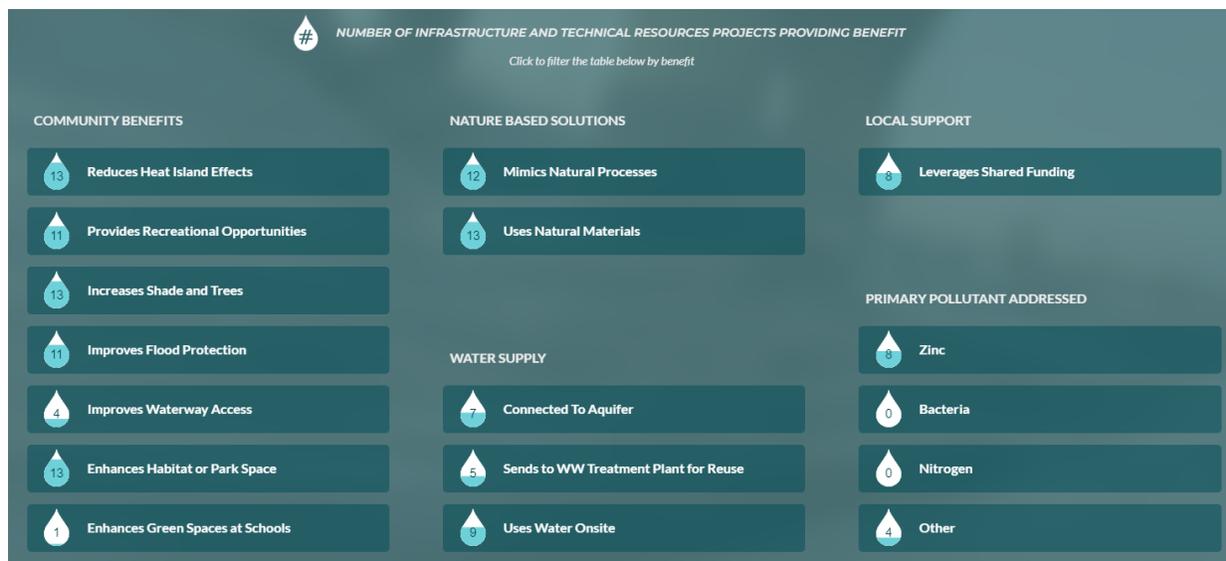
Below is a summary of the estimated aggregate benefits for Infrastructure Program Projects included in the approved FY 20-21 SIP, FY 21-22 SIP, and recommended FY 22-23 SIP.

Area Managed by Projects (acres)	31,269
Project Storage Capacity (acre-feet)	158
Annual Average Stormwater Capture (acre-feet)	4,260
Dry Weather Inflow to Projects (cubic feet per sec)	41

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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

There were no Project Concepts submitted to the FY 22-23 Technical Resources Program for this Watershed Area. A placeholder to fund one Watershed Coordinator for up to \$200k/year 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 all the Technical Resources Program Project concepts that were included in the previous Fiscal Year's SIP.

Project Name	Project Applicant	SIP Year	SIP Funding Status	Remaining Funding Request
Sorensen Park Multi-Benefit Stormwater Capture Project	Los Angeles County Public Works	FY21-22	Continuing	\$300,000.00

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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 submissions 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
Community-Centered Optimization of Nature-Based BMPs Starting with the Gaffey Nature Center Facility	Shahriar Eftekhazadehm PhD, PE	Not Included	
Microplastics in LA County Stormwater	Dr. Andrew Gray, University of California Riverside	Included in SIP	\$247,752.00
Regional Pathogen Reduction Study	Gateway Water Management Authority	Not Included	
Gateway Area Pathfinding Analysis (GAP Analysis) – Phase 2	Gateway Water Management Authority	Included in SIP	\$230,000.00
Community Garden Stormwater Capture Investigation	Los Angeles County Garden Council	Not Included	

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.

Project Name	Project Applicant	SIP Year	SIP Funding Status	Remaining Funding Requested
Gateway Area Pathfinding Analysis (GAP Analysis)	Gateway Water Management Authority	FY21-22	Funded	\$0

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Project Developers for continuing and completed Studies are required to submit quarterly progress and expenditure reports which are publicly available on the SCW Portal

(<https://portal.safecleanwaterla.org/scw-reporting/map>).

5.3 Discussion

The WASC received presentations for the Microplastics in LA County Stormwater, the Regional Pathogen Reduction Study, and the Community Garden Stormwater Capture Investigation at the September 14th WASC Meeting. The WASC received presentations for the Gateway Area Pathfinding Phase 2 Analysis and the Community-Centered Optimization of Nature-Based BMPs Starting with the Gaffey Nature Center Facility at the October 12th WASC Meeting. 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. At the WASC meeting, the project applicant was called upon to provide clarification and respond to the content of the SCCWRP summaries. The WASC decided to fund the Gateway Area Pathfinding Analysis Phase 2 and Microplastics in LA County Stormwater Scientific studies based on the results from the Preliminary Ranking Worksheet.

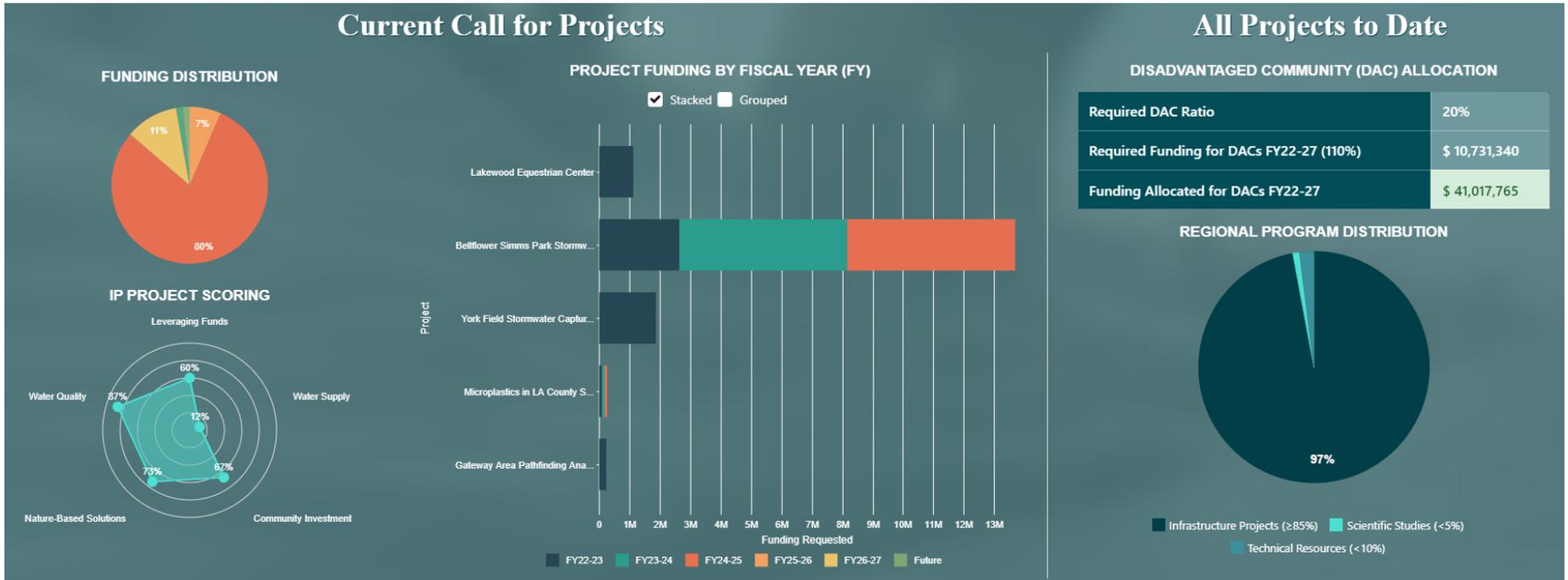
6 Next Steps

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 12, 2022 10:00am-12:00pm (additional meetings to be scheduled to consider ROC feedback, if necessary)

Attachment A
Final Recommended SIP – Lower San Gabriel River



	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	\$16.7M	\$16.7M	\$16.7M	\$16.7M	\$16.7M		\$83.5M		
B. Anticipated Annual Regional Program Funds Available (A+D) ⓘ	\$25.9M	\$26.6M	\$34.1M	\$36.8M	\$48M				
C. Total Recommendation in Current SIP	\$5.9M	\$5.6M	\$5.6M	\$0	\$0	\$0	\$17.1M	\$462k	
Total Allocated in Previous SIP(s)	\$10.1M	\$3.6M	\$8.3M	\$5.5M	\$5.5M	\$0	\$33.1M	\$1.3M	
D. Remaining Balance/Rollover Funds (B-C) ⓘ	\$9.2M	\$9.9M	\$17.4M	\$20.1M	\$31.3M	\$42.5M		Total: \$1.8M	
E. Percent Allocated (C/B) ⓘ	62%	35%	41%	15%	12%		60%		

Attachment A
Final Recommended SIP

Watershed Area	Lower San Gabriel 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			\$9,621,433.00	\$3,621,433.00	\$8,343,538.00	\$5,540,000.00	\$5,530,000.00	\$32,656,404.00
Infrastructure Project			\$9,421,433.00	\$3,421,433.00	\$8,143,538.00	\$5,340,000.00	\$5,330,000.00	\$31,656,404.00
Adventure Park Multi Benefit Stormwater Capture Project	Los Angeles County Public Works	Yes	\$6,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000,000.00
Bolivar Park	City of Lakewood	Yes	\$198,225.00	\$198,225.00	\$198,225.00	\$0.00	\$0.00	\$594,675.00
Caruthers Park			\$177,000.00	\$177,000.00	\$177,000.00	\$0.00	\$0.00	\$531,000.00
El Dorado Regional Project	City of Long Beach	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Hermosillo Park	City of Norwalk	Yes	\$0.00	\$0.00	\$5,340,000.00	\$5,340,000.00	\$5,330,000.00	\$16,010,000.00
Mayfair Park	City of Lakewood	Yes	\$253,225.00	\$253,225.00	\$253,225.00	\$0.00	\$0.00	\$759,675.00
Skylinks Golf Course at Wardlow Stormwater Capture Project	City of Long Beach	No	\$2,792,983.00	\$2,792,983.00	\$2,175,088.00	\$0.00	\$0.00	\$7,761,054.00
Technical Resource			\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$1,000,000.00
Lower San Gabriel River Watershed Coordinator	Los Angeles County Flood Control District	No	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$1,000,000.00
FY21-22			\$467,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$467,200.00
Infrastructure Project			\$467,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$467,200.00
Bellflower Simms Park Stormwater Capture Project	City of Bellflower	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Cerritos Sports Complex	City of Cerritos	Yes	\$467,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$467,200.00
Scientific Study			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Gateway Area Pathfinding Analysis (GAP Analysis)	Gateway Water Management Authority	No	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Technical Resource			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Sorensen Park Multi-Benefit Stormwater Capture Project	Los Angeles County Public Works	Yes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FY22-23			\$5,939,233.75	\$5,602,012.50	\$5,591,720.25	\$0.00	\$0.00	\$17,132,966.50
Infrastructure Project			\$5,624,075.00	\$5,515,570.00	\$5,515,570.00	\$0.00	\$0.00	\$16,655,215.00
Bellflower Simms Park Stormwater Capture Project (Construction)	City of Bellflower	Yes	\$2,635,561.00	\$5,515,570.00	\$5,515,570.00	\$0.00	\$0.00	\$13,666,701.00
Lakewood Equestrian Center	City of Lakewood	Yes	\$1,114,794.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,114,794.00
York Field Stormwater Capture Project	City of Whittier	Yes	\$1,873,720.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,873,720.00
Scientific Study			\$315,158.75	\$86,442.50	\$76,150.25	\$0.00	\$0.00	\$477,751.50
Gateway Area Pathfinding Analysis (GAP Analysis) - Phase 2	Gateway Water Management Authority	No	\$230,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$230,000.00
Microplastics in LA County Stormwater	Dr. Andrew Gray, University of California Riverside	No	\$85,158.75	\$86,442.50	\$76,150.25	\$0.00	\$0.00	\$247,751.50
Grand Total			\$16,027,866.75	\$9,223,445.50	\$13,935,258.25	\$5,540,000.00	\$5,530,000.00	\$50,256,570.50

Attachment B
Summary to Date

Watershed Area	Lower San Gabriel 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			\$7,260,594.00	\$11,926,907.00	\$9,621,433.00	\$3,621,433.00	\$8,343,538.00	\$5,540,000.00	\$5,530,000.00	\$51,843,905.00
Infrastructure Project			\$7,060,594.00	\$11,726,907.00	\$9,421,433.00	\$3,421,433.00	\$8,143,538.00	\$5,340,000.00	\$5,330,000.00	\$50,443,905.00
Adventure Park Multi Benefit Stormwater Capture Project	Los Angeles County Public Works	Yes	\$2,000,000.00	\$5,500,000.00	\$6,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,500,000.00
Bolivar Park	City of Lakewood	Yes	\$473,000.00	\$198,225.00	\$198,225.00	\$198,225.00	\$198,225.00	\$0.00	\$0.00	\$1,265,900.00
Caruthers Park	City of Bellflower	Yes	\$147,000.00	\$177,000.00	\$177,000.00	\$177,000.00	\$177,000.00	\$0.00	\$0.00	\$855,000.00
El Dorado Regional Project	City of Long Beach	Yes	\$900,000.00	\$2,100,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000,000.00
Hermosillo Park	City of Norwalk	Yes	\$2,240,000.00	\$1,860,000.00	\$0.00	\$0.00	\$5,340,000.00	\$5,340,000.00	\$5,330,000.00	\$20,110,000.00
Mayfair Park	City of Lakewood	Yes	\$253,225.00	\$253,225.00	\$253,225.00	\$253,225.00	\$253,225.00	\$0.00	\$0.00	\$1,266,125.00
Skylinks Golf Course at Wardlow Stormwater Capture Project	City of Long Beach	No	\$1,047,369.00	\$1,638,457.00	\$2,792,983.00	\$2,792,983.00	\$2,175,088.00	\$0.00	\$0.00	\$10,446,880.00
Technical Resource			\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$1,400,000.00
Lower San Gabriel River Watershed Coordinator	Los Angeles County Flood Control District	No	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$1,400,000.00
FY21-22				\$4,457,787.00	\$467,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,924,987.00
Infrastructure Project				\$4,082,787.00	\$467,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,549,987.00
Bellflower Simms Park Stormwater Capture Project	City of Bellflower	Yes		\$2,141,987.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,141,987.00
Cerritos Sports Complex	City of Cerritos	Yes		\$1,940,800.00	\$467,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,408,000.00
Scientific Study				\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00
Gateway Area Pathfinding Analysis (GAP Analysis)	Gateway Water Management Authority	No		\$75,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00
Technical Resource				\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Sorensen Park Multi-Benefit Stormwater Capture Project	Los Angeles County Public Works	Yes		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
FY22-23					\$5,939,233.75	\$5,602,012.50	\$5,591,720.25	\$0.00	\$0.00	\$17,132,966.50
Infrastructure Project					\$5,624,075.00	\$5,515,570.00	\$5,515,570.00	\$0.00	\$0.00	\$16,655,215.00
Bellflower Simms Park Stormwater Capture Project (Construction)	City of Bellflower	Yes			\$2,635,561.00	\$5,515,570.00	\$5,515,570.00	\$0.00	\$0.00	\$13,666,701.00
Lakewood Equestrian Center	City of Lakewood	Yes			\$1,114,794.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,114,794.00
York Field Stormwater Capture Project	City of Whittier	Yes			\$1,873,720.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,873,720.00
Scientific Study					\$315,158.75	\$86,442.50	\$76,150.25	\$0.00	\$0.00	\$477,751.50
Gateway Area Pathfinding Analysis (GAP Analysis) - Phase 2	Gateway Water Management Authority	No			\$230,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$230,000.00
Microplastics in LA County Stormwater	Dr. Andrew Gray, University of California Riverside	No			\$85,158.75	\$86,442.50	\$76,150.25	\$0.00	\$0.00	\$247,751.50
Grand Total			\$7,260,594.00	\$16,384,694.00	\$16,027,866.75	\$9,223,445.50	\$13,935,258.25	\$5,540,000.00	\$5,530,000.00	\$73,901,858.50

Programming of Partial Funding

Purpose

Los Angeles County Flood Control District Code Section 18.07.B.2.g states that activities included in a Stormwater Investment Plan (SIP) should typically be recommended (i.e., programmed) to receive funding for their total estimated cost or requested need. Experience to-date in the program reveals that there may be circumstances that warrant flexibility to allow Watershed Area Steering Committees (WASCs) to recommend a lesser amount than the amount requested in an Infrastructure Program Project Applicant's (IPPA's) or Scientific Studies Applicant's (SSA's) application ("partial funding"). The purpose of this guidance is to describe the process to address partial funding awards, providing flexibility to the WASCs during the development of SIPs.

Project and Study Eligibility

This guidance will address partial funding awards for IPPA's and SSA's that applied during each current SIP cycle. This guidance does not change the ability for WASCs to program the award of a request for full funding over a series of program years.

Process

During the SIP development and programming phase, the WASCs are authorized to recommend partial funding (for each current budget year or future projections) only if the IPPA or SSA demonstrates, to the satisfaction of the WASC, a willingness and ability to complete the full project or study scope identified in the application and submitted Feasibility Study, if applicable, with Safe, Clean Water Program (SCWP) partial funding.

Any IPPA that receives partial funding as described in this guidance will be required to assert and demonstrate that the project scope as described in the project application and submitted Feasibility Study will still be achieved using outside funding to fill the gap left by the partial award. This is required to maintain the applicability of the SCWP project score, which is allocated because of the scope and budget of a submitted project. A project can be awarded partial funding for a complete design phase, where a subsequent construction phase (or phases), once funded, would achieve the submitted benefits and therefore retain the SCWP score. However, a partial award that would diminish the scope of a project and therefore reduce the SCWP score of that project is not allowed – this situation would require the revised project to be resubmitted for scoring in the next program year.

Any SSA that receives partial funding as described in this guidance will be required to assert that the study scope as described in the study application will still be achieved using outside funding to fill the gap left by the partial award.

This programming of partial funding will be initiated by the WASC when an offer of partial funding is made to an IPPA or SSA. The IPPA or SSA will need to concur that the circumstance are applicable, confirm capabilities in accordance with this guidance, and accept the offer for partial funding. Once the WASC decides to offer partial funding, SCWP staff will engage with the IPPA or SSA to complete a Funding Reduction Concurrence (FRC) form and collect supporting documentation to share with the WASC. The

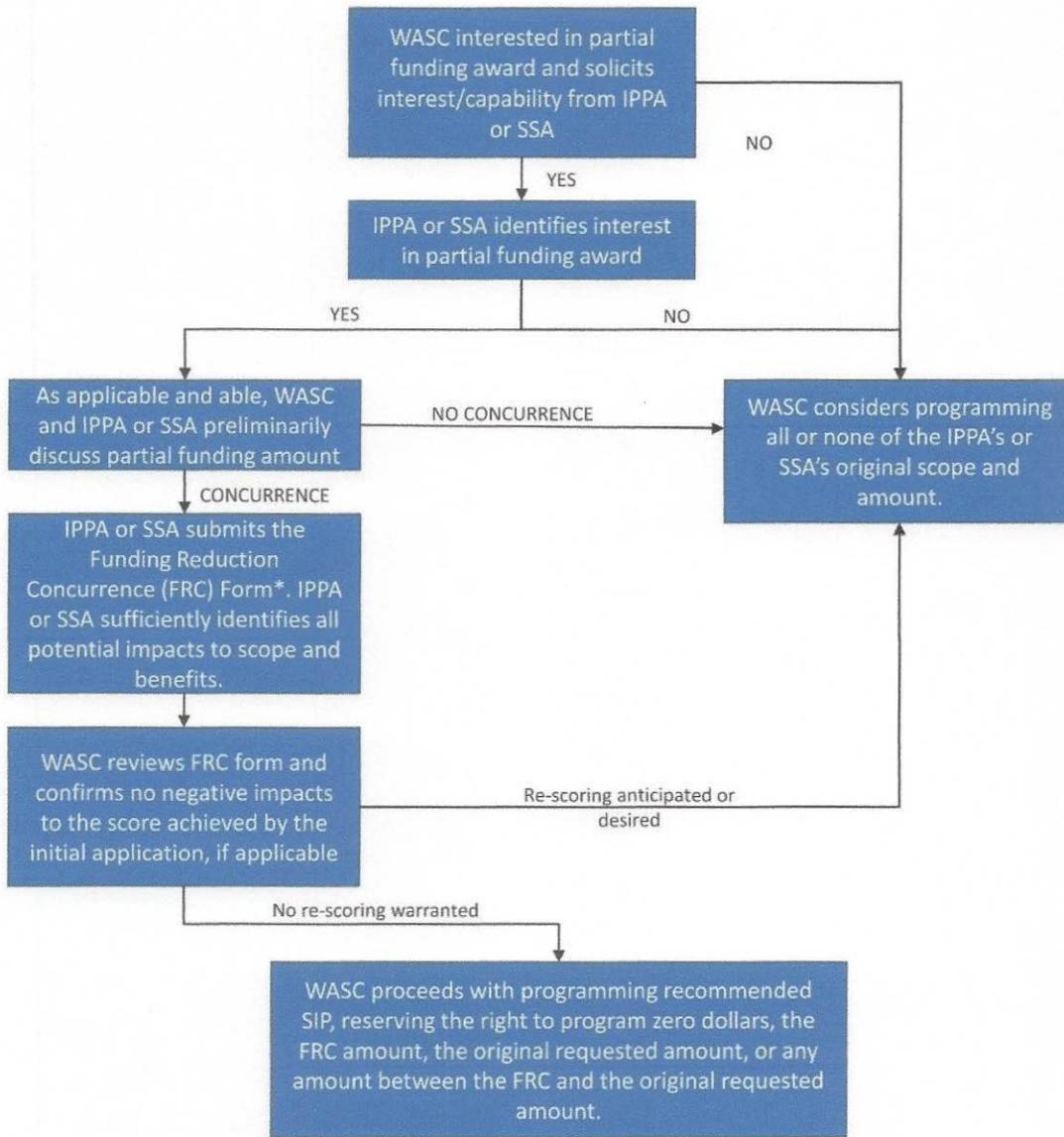


FRC process will allow IPPAs and SSAs to clarify details and provide justification for the partial funding award before the WASC considers it for inclusion into a Stormwater Investment Plan.

The partial funding award should not result in ANY reduction to the scope or benefits of (or the score assigned to) the project or study as identified in the application (and as submitted in the Feasibility Study, if applicable). De minimis additions to the scope that would be anticipated to increase the project score or improve the study may be considered through the FRC process, provided that the applicant demonstrates, to the satisfaction of the WASC, that any additional cost, in addition to the shortfall from the original request, will be covered by other funds and the project or study will be fully completed. The WASC may elect to recommend funding in any amount between the amount stated in the FRC and the amount requested in the project's or study's application.

Once the WASC reviews the FRC and recommends a partial funding award for the project or study, the FRC becomes an attachment to the SIP.

See Figure 1 and Attachment A for the Flowchart and the FRC form.



* - 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.



ATTACHMENT A: Funding Reduction Concurrence (FRC) FORM

The purpose of this 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 (“partial funding”), in order for the project or study to be recommended in a Stormwater Investment Plan for partial funding. The partial funding award must not negatively impact the score achieved by the initial application or result in any changes to the project’s or study’s scope or benefits as identified in the application and submitted Feasibility Study, if applicable. The IPPA or SSA is required to submit a FRC form to facilitate the partial funding process.

Project/Study Name	Heartwell Park at Clark Channel Stormwater Capture Project
Project/Study Lead	Los Cerritos Channel Watershed Management Group
Watershed Area(s)	Lower San Gabriel River

Brief description of why and how the funding request included in the application is being reduced (e.g. Project or Study will be phased, more information has become available, additional leveraged funding was secured, etc.):

The Los Cerritos Channel (LCC) Watershed Group is requesting for DESIGN PHASE funding for the Heartwell Park at Clark Channel Stormwater Capture Project. The initial SCW Application request was for \$2.8 Million for Design Phase and \$21 Million for Design and Construction of the first phase (15-AF Facility) of the Heartwell Park at Clark Channel Stormwater Capture Project.

The LCC Watershed Group has re-evaluated this request and would like to advance this project with the Design Phase in order to develop and refine the project details to pursue additional grant funding. The Design Phase will include Community Outreach and Community Engagement activities, additional site investigations, environmental documentation, and design documents.

This approach will enable the LCC Watershed to leverage the design funds and future grant funding sources to pursue future Safe, Clean Water Program funding for the Construction Phase.

Revised Eligible Expenditure Projections:

SCW Program

Programming of Partial Funding



Funding Year	Fiscal Year	Amount	Description/Phase
1	FY 2022-23	\$1,410,500	Community Outreach, Design Investigations, Design Plans (30)
2	FY 2023-24	\$1,410,500	Environmental Planning (CEQA), Final Design Plans (60/90/100)
3			
4			
5			
Future Funding			
TOTAL			

A: Total Original SCW Funding Request	\$23,874,000
B: Total Revised SCW Funding Award	\$2,821,000
C: Shortfall (A-B)	\$21,053,000

Compensation plan for shortfall – Include evidence of the status (must be assurance of timely secured funds for WASC to consider partial funding award) and amount of each additional funding source to ensure completion of all activities proposed in the application and submitted Feasibility Study, if applicable (cost share, grants, SCW Municipal Program funds, subsequent SCW funding request, etc.). Reliance on subsequent Regional Program funding is not a guarantee and is therefore discouraged. Also, include description of the which elements will be funded by this SCW funding request and by funds outside this SCW funding request to demonstrate all elements are funded. For phased projects or studies, provide information on additional funding sources to complete all activities proposed in the phased scope of work (if any).

The project, will be designed to meet the performance objectives stated in the Safe, Clean Water Project Application. The LCC Watershed Group intends to leverage these design funds to provide the details required to pursue grant funding for construction of the facility. Any grant funds obtained will be leveraged to pursue Construction Phase funding for this project under the Safe, Clean Water Program. Construction of this facility has been included in the LCC Watershed Management Program and the LCC Watershed Group is committed to completing this project.

If applicable, provide a description and justification of any de minimis scope changes that will maintain or increase the Project Score or improve the Scientific Study. De minimis scope changes should be within



the parameters and design of the project or study scope identified in the submitted Feasibility Study or Scientific Study application and any associated additional cost, in addition to the shortfall from the original request, must be covered by other non-SCWP funds.

The Design phase will further refine the analysis and design details included in the Feasibility Study. The Design phase will further enhance the anticipated performance of this project and provide more detailed information, additional non-SCWP funds, for a future Safe, Clean Water application for the Construction Phase.

I confirm that partial funding award will not negatively impact the achieved score or result in changes to Project or Study scope or benefits provided as described in the application and submitted Feasibility Study, if applicable. YES

If Project or Study is to be considered in phases, I understand that funding for future phases is not guaranteed, and that submission of a new application is required for funding for future phases not shown in the current SIP, and that annual funding is at the discretion of the WASC, ROC, and ultimately the Board of Supervisors. As such, I understand citing the assumption of additional Regional Program Funds alone is strongly discouraged. If future phases are not funded through the Regional Program, I remain committed to securing additional funding sources to ensure completion of all activities proposed in the application and submitted Feasibility Study such that benefits claimed are fully realized. YES N/A

Name Richard Watson

Organization Richard Watson & Associates
on behalf of the LCC Watershed
Management Group

Signature *Richard A. Watson*

Date 03/07/2022

Safe, Clean Water Program

Programming of Partial Funding



ATTACHMENT A: Funding Reduction Concurrence (FRC) FORM

The purpose of this 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 ("partial funding"), in order for the project or study to be recommended in a Stormwater Investment Plan for partial funding. The partial funding award must not negatively impact the score achieved by the initial application or result in any changes to the project's or study's scope or benefits as identified in the application and submitted Feasibility Study, if applicable. The IPPA or SSA is required to submit a FRC form to facilitate the partial funding process.

Project/Study Name	Bellflower Simms Park Stormwater Capture Project
Project/Study Lead	City of Bellflower
Watershed Area(s)	Lower San Gabriel River

Brief description of why and how the funding request included in the application is being reduced (e.g. Project or Study will be phased, more information has become available, additional leveraged funding was secured, etc.):

The City of Bellflower has programmed and budgeted park improvements at Simms Park. Also, this project is critical for the City to address the milestones established in the LCC Watershed Management Plan. The City of Bellflower has budgeted in its Fiscal Year 2022-23 Budget, the following funds that will be allocated towards the construction of the Simms Park Stormwater Capture Project.

1. Bellflower, Measure W, Municipal Funds \$ 400,000
 2. Bellflower, Measure A \$ 500,000
 3. Bellflower, Public Project Fund \$2,000,000
- Total Fiscal Year 2022-23 Budget \$2,900,000

Safe, Clean Water Program

Programming of Partial Funding



Revised Eligible Expenditure Projections:

Funding Year	Fiscal Year	Amount	Description/Phase
1	2022-23	\$ 2,635,561	Advertise, Bid, and Award Const Contract, and mobilization
2	2023-24	\$5,515,570	Construction Year 2
3	2024-25	\$5,515,570	Construction Year 3, including final field approval
4			
5			
Future Funding			
TOTAL		\$13,666,700	

A: Total Original SCW Funding Request	\$15,666,700
B: Total Revised SCW Funding Award	\$13,666,700
C: Shortfall (A-B)	\$2,000,000

Compensation plan for shortfall – Include evidence of the status (must be assurance of timely secured funds for WASC to consider partial funding award) and amount of each additional funding source to ensure completion of all activities proposed in the application and submitted Feasibility Study, if applicable (cost share, grants, SCW Municipal Program funds, subsequent SCW funding request, etc.). Also, include description of the which elements will be funded by this SCW funding request and by funds outside this SCW funding request to demonstrate all elements are funded. For phased projects or studies, provide information on additional funding sources to complete all activities proposed in the phased scope of work (if any).

Compensation for shortfall will be addressed by the City with local match funding during the first year Construction Funding, Year 1

Safe, Clean Water Program

Programming of Partial Funding



If applicable, provide a description and justification of any de minimis scope changes that will maintain or increase the Project Score or improve the Scientific Study. De minimis scope changes should be within the parameters and design of the project or study scope identified in the submitted Feasibility Study or Scientific Study application and any associated additional cost, in addition to the shortfall from the original request, must be covered by other non-SCWP funds.

Since the City will provide matching funds from its local sources, the project scope will still meet the performance expectations based on the Safe, Clean Water Scoring received for this project.

I confirm that partial funding award will not negatively impact the achieved score or result in changes to Project or Study scope or benefits provided as described in the application and submitted Feasibility Study, if applicable. YES

If Project or Study is to be considered in phases, I understand that funding for future phases is not guaranteed, and that submission of a new application is required for funding for future phases not shown in the current SIP, and that annual funding is at the discretion of the WASC, ROC, and ultimately the Board of Supervisors. YES N/A

Name Bernardo Iniguez, Public Works Manager

Organization City of Bellflower

Signature 

Date 3/8/21