



**SAFE
CLEAN
WATER
PROGRAM**

**Stormwater
Investment Plan
South Santa
Monica Bay
Watershed Area**

Fiscal Year 2024-2025



Stormwater Investment Plan

South Santa Monica Bay 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	Summary of Stormwater Investment Plan Recommendations.....	2
2	Projected Watershed Area Benefits To-Date	4
3	Summary of Meetings and Process	5
4	Infrastructure Program	9
5	Technical Resources Program.....	16
6	Scientific Studies Program.....	17
7	Previously Approved Projects, Project concepts, and Studies.....	18
8	Next Steps	24

Attachments:

- Attachment A – Final Recommended SIP
- Attachment B – Summary to Date
- Attachment C – Project Modification Request 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

1 Summary of Stormwater Investment Plan Recommendations

The South Santa Monica Bay (NSMB) Watershed Area receives approximately \$17.2M in annual Regional Program funds.

For Fiscal Year 2024-2025 (FY24-25), 2 Infrastructure Program (IP) Project application, 1 Technical Resources Program (TRP) Project concept applications, and 3 Scientific Studies (SS) Program application were submitted for consideration. After careful review and consideration, the WASC voted to include 1 Infrastructure Program Project, 1 Technical Resources Program concepts, 2 Scientific Studies, and 1 Watershed Coordinator into the recommended SIP.

Below is a summary of the total funding allocated in the recommended SIP, including both new projects and previously approved projects.

Table 1-1. Summary of applications received and included in SIP.

Number of Applications		
Submitted	Included in SIP	Program
2	1	Infrastructure Program
1	1	Technical Resources Program
3	2	Scientific Studies Program
6	4	Total

	Budget		Projections			
	FY24-25	FY25-26	FY26-27	FY27-28	FY28-29	TOTAL
A. Anticipated Annual Regional Program Funds Collected	\$17.2M	\$17.2M	\$17.2M	\$17.2M	\$17.2M	\$85.8M
B. Anticipated Annual Regional Program Funds Available (A+D) ⓘ	\$17.3M	\$18.7M	\$18.1M	\$18.7M	\$29.2M	
C. Total Recommendation in Current SIP	\$876k	\$6.6M	\$7.2M	\$5M	\$341k	\$20M
Total Allocated in Previous SIP(s)	\$14.9M	\$11.1M	\$9.3M	\$1.8M	\$200k	\$37.3M
D. Remaining Balance/Rollover Funds (B-C) ⓘ						
Rollover: \$5.4k	\$1.5M	\$910k	\$1.6M	\$12M	\$28.6M	
Total: \$141k						
E. Percent Allocated (C/B) ⓘ	91%	95%	91%	36%	2%	67%

Row A is the Anticipated Annual Regional Program Funds Collected and Row D is the Remaining Balance/Rollover Funds from the previous year.

Row B is the Anticipated Annual Regional Program Funds Available and Row C is the sum of Total Recommendation in Current SIP and Total Allocated in Previous SIP(s).

Figure 1-1. SIP Tool final funding scenario annual budget for FY24-25 and projected for FY25-29.

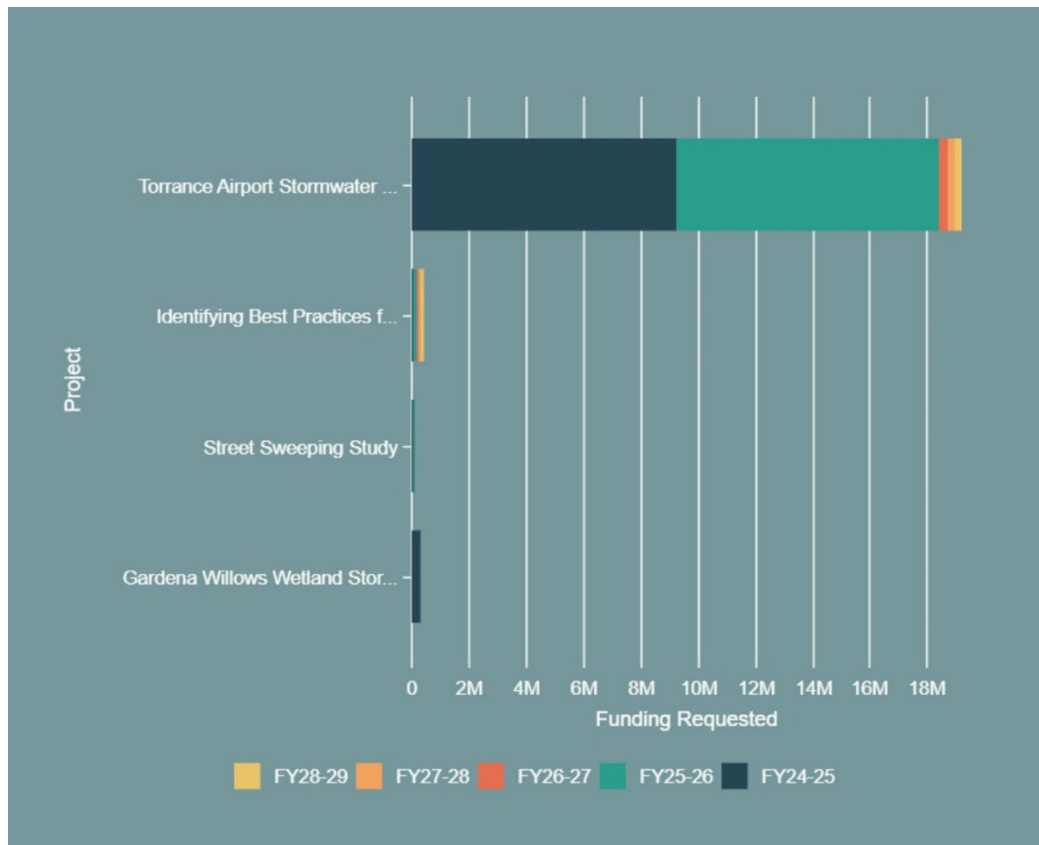


Figure 1-2. Bar chart of project funding requested by fiscal year (FY).

Refer to Attachment A or the [SIP tool](#) for the Final Recommended SIP with additional project details.

2 Projected Watershed Area Benefits

Below is a summary of the estimated aggregate benefits for Infrastructure Program (IP) Projects included in the approved FY20-21, FY21-22, FY22-23, FY23-24, and recommended FY24-25 SIP.

Table 2-1. Summary of estimated benefits for IP Projects to date.

Number of IP Projects Providing Benefits	
Project Attributes	
27,690	Area Managed by Projects (acres)
304.13	Project Storage Capacity (acre-feet)
2,392.67	Annual Average Stormwater Capture (acre-feet)
2.58	Dry Weather Inflow to Projects (cubic feet per sec)
Primary Pollutant Addressed	
3	Zinc
6	Bacteria
2	Nitrogen
5	Other*
Water Supply Benefits	
1	Connected to Aquifer
6	Sends to WW Treatment Plant for Reuse
3	Uses Water Onsite
Community Investment Benefits	
1	Enhances Green Spaces at Schools
14	Reduces Heat Island Effect
9	Provides Recreational Opportunities
14	Increases Shade and Trees
15	Improves Flood Protection
2	Improves Waterways Access
10	Enhances Habitat or Park Space
Nature-Based Solutions	
14	Mimics Natural Processes
15	Uses Natural Materials
Leveraging Funds	
13	Leverages Shared Funds

*Primary Pollutant Addressed does not apply to Dry Weather Projects, Copper, Lead, Toxics, Phosphorus, and Chloride. Therefore, Dry Weather Projects are categorized as "Other".

3 Summary of Meetings and Process

The WASC met 8 times between August 2023 and May 2024. Refer to the South Santa Monica Bay Watershed Area webpage (<https://safecleanwaterla.org/watersheds/south-santa-monica-bay/>) for the current list of WASC members, meeting dates, and meeting materials. Refer to (<https://safecleanwaterla.org/watersheds/south-santa-monica-bay/archive/>) for archived meeting dates and materials.

3.1 Call for Projects

The Call for Projects for FY24-25 funding ended on July 31, 2023. The WASC received an overview of three project submittals: Dominguez Channel Parkway BMPs Prioritization Project, Torrance Airport Stormwater Basin Project, and Stevenson Park Stormwater Capture Project. The WASC discussed the Projects and voted to send all Projects to be scored by the Scoring Committee with the condition that each project sent must be reviewed for a completeness check by the Los Angeles County Public Works (PW) staff. The Stevenson Park Stormwater Capture Project was the only project that was deemed incomplete and did not advance to the Scoring Committee.

3.2 Scoring

The Scoring Committee evaluated each project submittal and provided an official score based on the scoring criteria defined in the Feasibility Study Guidelines (<https://safecleanwaterla.org/wp-content/uploads/2019/09/Feasibility-Study-Guidelines-20190917-FINAL-1.pdf>). 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. A total of 2 IP Project applications met the 60-point minimum threshold. Below is a summary of the Scores.

Table 3-1. Project's applicant and final score.

Project Name	Applicant Score	Final Score	Eligible For WASC Consideration
Dominguez Channel Parkway BMPs Prioritization Project	78	60	Eligible
Torrance Airport Stormwater Basin Project	74	72	Eligible

See Scoring Rubric for FY24-25 ([SSMB FY24-25 Scoring Rubric.pdf](#) (safecleanwaterla.org)) for more details.

3.3 Presentations

The WASC received presentations from all Regional Program applicants that submitted complete proposals on December 20, 2023, and January 17, 2024. Each presentation was allotted approximately 10 minutes of presentation time with 10 minutes for questions and answers (Q&A); 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, Project concepts, and Studies that were previously approved from the FY20-21, FY21-22, FY22-23, and FY23-24 SIPs. Those recipients continue to execute their Transfer Agreements or Addendums, receive funds, initiate the approved activities, and formally report on eligible expenditures.

3.4 Review of Previously Approved Projects, Project concepts, and Studies

Quarterly Progress and Expenditure Reports for FY22-23 Q3 & Q4 were presented to the WASC on September 20, 2023, for consideration in the current SIP cycle. Projects and Studies were flagged that had indicated an activity concern, delay, or modification and invited the Developer to provide an overview and respond to questions from the WASC. The WASC did not raise any significant concerns when the Quarterly Reports were presented. The full Quarterly Reports are available via the [Reporting Repository](#).

The WASC provided general feedback regarding the Quarterly Progress and Expenditure Reports, suggesting that the frequency of these reports could be reduced to once or twice a year. These reports could also be condensed to be more transparent for the public.

Note, Quarterly Reports during this period were submitted prior to release of the Project Modification Guidelines. Therefore, inclusion of modified Projects in the recommended SIP serves as WASC support of any related modifications identified in the FY22-23 Quarterly Reports. Following release of the Project Modification Guidelines, modifications were no longer monitored through the Quarterly Reports and any proposed modifications were evaluated in compliance with the Project Modification Guidelines.

3.4.1 Project Modification Requests

The WASC received an overview presentation on the Project Modification Request (PMR) process, detailing the committee's roles and responsibilities. PW received 2 PMR forms

from previously approved Projects. Each PMR form was reviewed by PW staff and determined either consistent or inconsistent with the approved SIP. PMRs that were deemed consistent with the approved SIP required no further action from the WASC. PMRs that were determined inconsistent with the approved SIP were returned to the WASC for discussion on inclusion in the pending SIP as described in Section 7 Previously Approved Projects, Project concepts, and Studies. Please refer to the PMR Guidelines ([Project Modification Guidelines 20240119 \(safecleanwaterla.org\)](https://safecleanwaterla.org)) for more details.

3.5 Preliminary Ranking Worksheet

The WASC discussed each eligible Project, Project Concept, Study, and PMR as a group. The Study shown in gray had been ranked in initial discussions with the WASC but the Project Applicant withdrew their funding request and the study was no longer included in the SIP deliberation. The applications and PMRs that were ranked by each committee member and the totals were aggregated as follows:

Table 3-1. Preliminary WASC project points and rankings.

Program	Project Name	Number of Committee Rankings	Points*	Program Place	Overall SCWP Place
IP	Dominguez Channel Parkway BMPs Prioritization Project	13	94	1	2
IP	Torrance Airport Stormwater Basin Project	10	73	2	5
IP	PMR – Wilmington Neighborhood Greening Project	10	69	3	6
IP	PMR – Wilmington Q Street Local Urban Area Flow Management Project	8	49	4	7
TRP	Gardena Willows Wetland Stormwater Enhancement Project	15	120	1	1
SS	Identifying Best Practices for Maintaining Stormwater Drywell Capacity	12	89	1	3
SS	Street Sweeping Study	10	74	2	4
SS	Pollutant Source Characterization Study		N/A		

*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.

3.6 SIP Development

The WASC is aware of the Metrics and Monitoring Study that was 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 watershed 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, presentations, and project modification requests
- 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
 - Strengthening Community Engagement and Support
 - Water Supply
 - Partial Funding Guidelines
 - Project Modification Guidelines

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

3.7 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 3 public comment letters in support of the Torrance Airport Stormwater Basin Infrastructure Project, 3 public comment letters in support of the Gardena Willows Wetland Stormwater Enhancement Technical Resources Project, and 2 public comment letters in support of the Identifying Best Practices for Maintaining Stormwater Drywell Capacity Scientific Study.

4 Infrastructure Program

4.1 Submitted and Recommended Projects

All submitted projects were evaluated as described above in Section 3 Summary of Meetings and Process.

Below is a list of all Projects submitted to the FY24-25 Infrastructure Program for this Watershed Area. Projects shown in white have been included in the recommended SIP.

Table 4-1. Infrastructure program projects submitted for FY24-25.

Project Name	Project Applicant	Included in SIP	Funded Phase(s)	Total Funding Allocated
Torrance Airport Stormwater Basin Project	City of Torrance	Included In SIP	Construction, O & M	\$19,190,402.00
Dominguez Channel Parkway BMPs Prioritization Project	City of Torrance	Not Included	Design, Construction, Bid/Award, Planning	\$5,007,374.00

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.

4.2 Discussion of Criteria

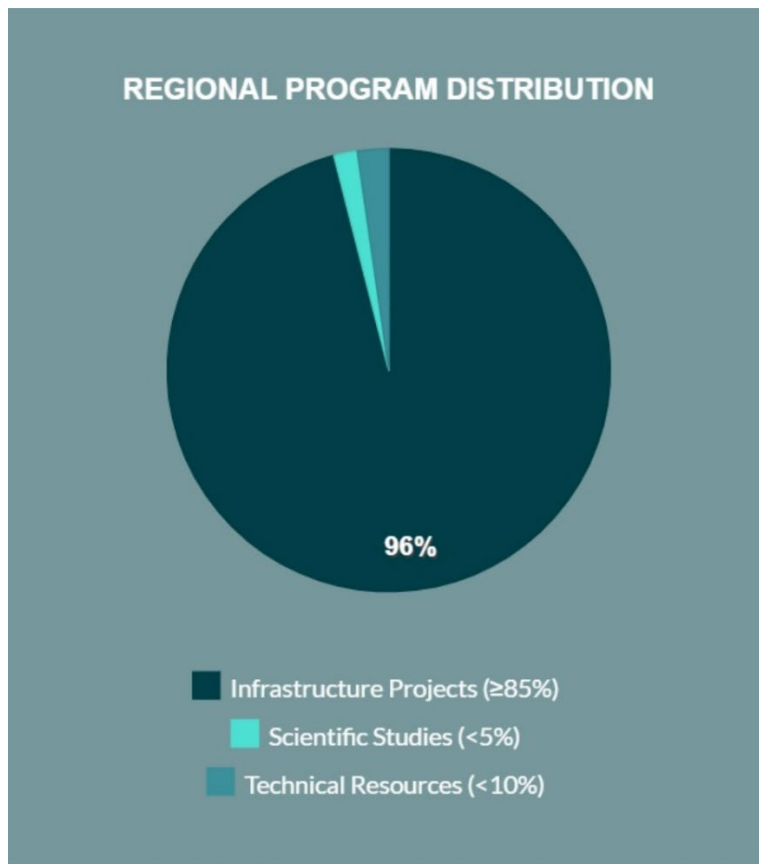
Per LACFCD Code Ch18.07.B.2, the SIPs shall be developed by the WASC in accordance with the criteria described below.

4.2.1 Regional Program Allocations

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

Table 4-1. Regional Program allocations over the 5-year SIP.

Funding Program	Total SCW Funding Allocated FY24-29	Funding Distribution for Subprograms FY 24-29
Infrastructure Program (≥85%)	\$55,039,870.00	96.0 %
Scientific Studies (<5%)	\$983,694.34	1.7 %
Technical Resources Program (<10%)	\$1,300,000.00	2.3 %
Grand Total	\$57,323,564.34	

**Figure 4-1. Pie chart of Regional Program funding distribution by funding program.**

4.2.2 Project Benefits

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

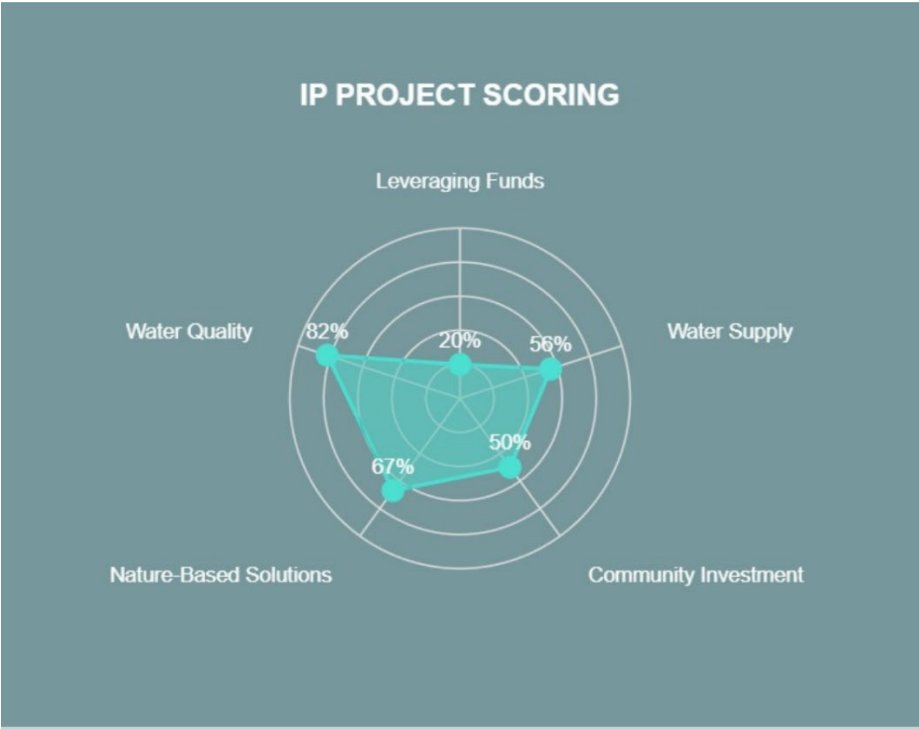


Figure 4-2. Scoring category distributions for IP Projects included in the recommended SIP.

4.2.3 MS4 Compliance

Below is an overview of the applicant-entered water quality data for the new FY24-25 Infrastructure Program Projects included in the recommended SIP.

Table 4-2. Water quality data for IP Projects submitted for FY24-25.

Project Name	Project Type	Capture Area (acres)	24-hr Capacity (acre-feet)
Torrance Airport Stormwater Basin Project	Wet	2,281	12.96
Grand Total		2,281	12.96

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

Table 4-3. Summary of primary pollutants addressed by IP Projects for FY24-25.

Primary Pollutant Addressed	
Count	Pollutant
0	Zinc
0	Bacteria
0	Nitrogen
1	Other*

*Primary Pollutant Addressed does not apply to Dry Weather Projects, Copper, Lead, Toxics, Phosphorus, and Chloride.

4.2.4 Disadvantaged Communities (DAC) Benefits

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 for FY24-29.

Table 4-4. Funding allocated for DACs for FY24-29.

Disadvantaged Community (DAC) Allocation	
Required DAC Ratio	30 %
Required Funding for DACs FY24-29 (110%)	\$18,441,658.84
Funding Allocated for DACs FY24-29	\$25,611,865.00

**Note: These figures are based on the 2020 US Census and will be updated periodically.*

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

Below is an overview of the WASC-confirmed DAC Benefit for the new FY24-25 Infrastructure Program Projects included in the recommended SIP. Initially, the Torrance Airport Stormwater Basin Project claimed to provide DAC Benefits, but after further discussions with the WASC, the Project Applicant removed their designation. To better assist with and standardize this determination in the future, PW developed interim guidance for implementing Disadvantage Community Policies in the Regional Program. Interim guidance is available on our website ([SCWP-2022-Interim-Guidance-20220519.pdf](https://www.safecleanwaterla.org/SCWP-2022-Interim-Guidance-20220519.pdf) ([safecleanwaterla.org](https://www.safecleanwaterla.org))).

Table 4-5. IP Projects providing DAC Benefits for FY24-25.

Project Name	Provides Benefit to a DAC	Total Funding Allocated
Torrance Airport Stormwater Basin Project	No	\$19,190,402.00

4.2.5 Municipality Benefits

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. PW intends to develop guidance for evaluating and tracking municipality benefits in future years.

Below is a summary of the Municipality in which each new FY24-25 Infrastructure Program Project included in the recommended SIP is located and the Municipalities within the Project's capture area.

Table 4-6. IP Project Municipalities for FY24-25.

Project Name	Municipality	Municipalities within Project Capture Area
Torrance Airport Stormwater Basin Project	Torrance	Rolling Hills Estates, Rancho Palos Verdes, Palos Verdes Estates, Unincorporated (Los Angeles County)

4.2.6 Project Types and Sizes

Recommendations include a variety of projects 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 FY24-25 Infrastructure Program Projects included in the recommended SIP.

Table 4-7. IP Project types and total capture area for FY24-25.

Project Name	Project Type	BMP Type	Capture Area (acres)
Torrance Airport Stormwater Basin Project	Wet	Diversion to Sanitary Sewer	2,281
Grand Total			2,281

4.2.7 Nature-Based Solutions

Below is a summary of the new FY24-25 Infrastructure Program Projects included in the recommended SIP that implement Nature-Based Solutions (NBS).

Table 4-8. Summary of NBS incorporated in IP Projects for FY24-25.

Nature-based Solutions	
Count	Solution
1	Mimics Natural Processes
1	Uses Natural Materials

Table 4-9. IP Projects and NBS for FY24-25.

Project Name	Mimics Natural Processes	Uses Natural Materials
Torrance Airport Stormwater Basin 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, PW developed interim guidance related to developing and programming Nature-Based Solutions in the future. Interim guidance is available on our website (<https://safecleanwaterla.org/2022-interim-guidance/>).

4.2.8 Leveraged Funds and Community Support

Below is a summary of leveraged funds, SCW funding allocations, and community support for the FY24-25 IP Projects included in the recommended SIP.

Table 4-10. Summary of funds leveraged by IP Projects for FY24-25.

Project	Status of Leveraged Funds*	Sum of Leveraged Funding	Community Support Score (max 4 points)**
Torrance Airport Stormwater Basin Project	Commitment Received	\$938,000.00	2
Grand Total		\$938,000.00	

*Note: Status of Leveraged Funds reflects the statuses of one or more sources. Please see the Project's application for a detailed breakdown of its Leveraged Funds sources and statuses.

**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.

For reference, PW developed interim guidance related to Strengthening Community Engagement and Support. Interim guidance is available on our website (<https://safecleanwaterla.org/2022-interim-guidance/>).

4.2.9 Long Term Planning Considerations

The WASC incorporated long term planning by considering anticipated future construction costs for previously approved 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 approved TRPs that will seek future IP funding, and unforeseen circumstances. The WASC discussed whether to cap all future year funding allocations at 80% to allow to mitigate some of these concerns.

In addition, the annual Operations and Maintenance (O&M) projections provided in the Project applications for the new and previously approved Projects were included in the SIP tool and shown below. The recommended SIP anticipates a total annual O&M cost of \$3.1M of the anticipated \$17.2M 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 previously approved

Projects. This represents the theoretical SIP projections based on currently anticipated additional funding requests to cover subsequent phases.

					Budget	Projections					
					FY24-25	FY25-26	FY26-27	FY27-28	FY28-29	TOTAL	Annual O&M
A. Anticipated Annual Regional Program Funds Collected					\$17.2M	\$17.2M	\$17.2M	\$17.2M	\$17.2M	\$85.8M	
B. Anticipated Annual Regional Program Funds Available (A+D) 					\$17.3M	\$18.7M	\$18.1M	\$18.7M	\$29.2M		
C. Total Recommendation in Current SIP					\$876k	\$6.6M	\$7.2M	\$5M	\$341k	\$20M	\$256k
Total Allocated in Previous SIP(s)					\$14.9M	\$11.1M	\$9.3M	\$1.8M	\$200k	\$37.3M	\$2.8M
D. Remaining Balance/Rollover Funds (B-C) 		Rollover:	\$5.4k	Total: \$141k	\$1.5M	\$910k	\$1.6M	\$12M	\$28.6M		Total: \$3.1M
E. Percent Allocated (C/B) 					91%	95%	91%	36%	2%	67%	

Note: This is not the recommended SIP.

Row A is the Anticipated Annual Regional Program Funds Collected and Row D is the Remaining Balance/Rollover Funds from the previous year.

Row B is the Anticipated Annual Regional Program Funds Available and Row C is the sum of Total Recommendation in Current SIP and Total Allocated in Previous SIP(s).

Figure 4-3. SIP Tool final funding scenario annual budget, including construction costs, for FY24-29.

Refer to the SIP tool (<https://portal.safecleanwaterla.org/sip-tool/>) for the “Final w/ Assuming Construction Costs – 5/2/24” scenario. As shown in the theoretical SIP scenario, other funding sources will be required to bring all projected Projects to completion, and most of the members in the WASC were confident in the Watershed Area’s ability to do so. If unable to do so, the WASC understands they will need to defer the construction of certain Projects to occur in later years.

4.2.10 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.

Both Infrastructure Program Projects were willing to reallocate their annual funding to allow the WASC more flexibility in the budget.

The Dominguez Channel Parkway BMPs Prioritization Project suggested to receive design funds over the first two years, FY24-25 and FY25-26, skip a year of funding, and receive construction funding in FY27-28. The Dominguez Channel Parkway BMPs Prioritization Project would defer a combined amount of \$2,952,841 from FY25-26 and FY26-27 to FY27-28.

The Torrance Airport Stormwater Basin Project would stretch the construction cost portion of their funding request either across three years, from FY24-25 through FY26-27, or four years from FY24-25 through FY27-28. For the three-year adjustment, a combined amount

of \$9,722,402 would be deferred to FY26-27 through FY28-29. For the four-year adjustment, a combined amount of \$11,472,402 from FY24-25 and FY25-26 would be deferred to FY26-27 and FY27-28. The Project Applicant preferred the three-year adjustment to preserve leveraged funding, but expressed confidence that negotiations could occur if the four-year scenario was chosen.

Ultimately, during the WASC meeting on May 2, 2024, the WASC decided to fund the Torrance Airport Stormwater Basin Project with the four year adjustment to their funding request.

5 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.

5.1 Submitted and Recommended Project concepts

Below is a list of all Project concepts submitted to the FY24-25 Technical Resources Program for this Watershed Area. Project concepts shown in white have been included in the recommended SIP.

Table 5-1. TRP Project concepts submitted and recommended for FY24-25.

Project Concept	Project Applicant	SIP Programming Status	Total Funding Allocated
South Santa Monica Bay Watershed Coordinator	Heal the Bay	Included in SIP	\$200,000.00
Gardena Willows Wetland Stormwater Enhancement Project	The City of Gardena; The Friends of the Gardena Willows Wetland Preserve	Included in SIP	\$300,000.00

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.

5.2 Discussion

The WASC received a presentation from the Technical Resources Program applicant during the WASC meeting on December 20, 2023. The majority of the WASC expressed support of the Project concept and considered the proposed SIP's limited available capacity before deciding to recommend funding the Project concept for \$300,000 this year. The WASC decided to fund the Gardena Willows Wetland Stormwater Enhancement Project and 1 Watershed Coordinator (Heal the Bay).

6 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.

6.1 Submitted and Recommended Studies

Below is a list of all Scientific Studies submitted to the FY24-25 Scientific Studies Program for this Watershed Area. Studies shown in white have been included in the recommended SIP.

Table 6-1. Summary of submitted and recommended Scientific Studies for FY24-25.

Scientific Study	Study Applicant	Included in SIP	Total Funding Allocated in this WASC
Street Sweeping Study	City of Los Angeles	Included	\$113,100.00
Identifying Best Practices for Maintaining Stormwater Drywell Capacity	California State Polytechnic University, Pomona	Included	\$408,871.00
Pollutant Source Characterization Study	City of Los Angeles	Not Included	\$406,000.00

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

6.2 Discussion

The WASC received three presentations from the Scientific Studies Program applicants during the meeting on January 17, 2024. PW hired CASC Engineering and Consulting to provide independent, rapid, and unbiased evaluation (summary) of the technical adequacy of each Study proposal, which were shared with the project applicants and WASC members.

The Pollutant Source Characterization Study was not selected for funding by other WASCs. The Study Developer withdrew this project from the SIP deliberation as they would not be able to conduct the study without approved funding from multiple WASCs.

Applicants from the other Studies expressed willingness to reallocate their annual funding, without decreasing the total funding request, to allow the WASC more flexibility in the budget.

The WASC decided to fund the Street Sweeping Study and the Identifying Best Practices for Maintaining Stormwater Drywell Capacity Study.

7 Previously Approved Projects, Project concepts, and Studies

All previously approved Projects, Project concepts, and Studies were evaluated as described above in Section 3 Summary of Meetings and Process.

PW received 2 PMR forms from previously approved projects. Each PMR form was reviewed by PW staff and determined either consistent or inconsistent with the approved SIP. Below is a summary of the PMRs received and their consistency determinations. Refer to Attachment C – Project Modification Request forms for details.

Table 7-1. Summary of Project Modification Requests.

Project/Study	Program	SIP Year	Type of Modification	Funding Modification	Determination
Wilmington Neighborhood Greening Project	IP	FY21-22	Construction cost increase, schedule delay, like for like modification,	+\$4,500,000	Inconsistent with SIP

Project/Study	Program	SIP Year	Type of Modification	Funding Modification	Determination
Wilmington Q Street Local Urban Area Flow Management Project	IP	FY20-21	Construction cost increase, schedule delay	+\$7,576,300	Inconsistent with SIP

PMRs that were determined inconsistent with the approved SIP were returned to the WASC for discussion on inclusion in the pending SIP. The Recipient has not been permitted to implement a proposed scope or benefit modification unless and until the modified Project or Study is approved by the WASC, ROC, and Board and included in the SIP for a future fiscal year. In reviewing a previously approved Project or Study, the WASC considered the following actions, as appropriate and in consultation with the Recipient:

- **Continuing**, meaning a PMR was not submitted for consideration or the WASC supports the previously approved Project or Study and does not recommend approval of any proposed modifications at this time.
- **Continuing with modifications**, meaning the WASC recommends approval of the proposed modifications and confirms the full range of project benefits continue to be delivered. The WASC, in consultation with the Recipient, may consider continuation of the previously approved funding request or increasing or decreasing the total funding request, up to the amount requested in the PMR, if applicable. The WASC should only recommend a lesser amount of Regional Program funding than requested in the PMR if the Recipient demonstrates, to the satisfaction of the WASC, a willingness and ability to complete the full project or study scope identified in the PMR with the lesser amount of funding. As such, the WASC can further recommend a Project or Study as receiving the:
 - **full modified funding request (full \$)**
 - **partial modified funding request (partial \$)**
 - **original funding (original \$)**
- **Remove** from future SIPs and discontinue funding per Section 18.07.F.5 of the Flood Control District Ordinance.

Below are lists of previously approved Infrastructure Program Projects, Technical Resources Program Project concepts, and Scientific Studies recommended in the SIP for this Watershed Area. Projects, Project concepts, and Studies that are still active and continuing as previously approved are shown in white. Projects and Studies with a PMR that has been recommended for approval in the SIP are shown in blue.

Table 7-2. Summary of previously approved IP Projects.

Project	Project Developer	SIP Year	Status of Funded Activity	Phase(s)	Remaining Funding Request
Alondra Park Multi Benefit Stormwater Capture Project	Los Angeles County	FY20-21	Continuing	Construction	\$0.00
Wilmington Q Street Local Urban Area Flow Management Project	City of Los Angeles, Bureau of Sanitation	FY20-21	Continuing	Construction	\$0.00
Torrance Airport Storm Water Basin Project, Phase 2	City of Torrance	FY20-21	Continuing	Design	\$0.00
Carson Stormwater and Runoff Capture Project at Carriage Crest Park	City of Carson	FY21-22	Continuing	O & M	\$415,000.00
South Santa Monica Bay Water Quality Enhancement: 28th Street Storm Drain Infiltration Project	City of Manhattan Beach (Mamerto Estepa Jr., Prem Kumar, and Shawn Igoe)	FY21-22	Continuing	Design, Construction, O & M	\$8,111,465.00
Wilmington Neighborhood Greening Project	City of Los Angeles, Bureau of Sanitation and Environment	FY21-22	Continuing with Modifications	Planning, Design, Construction, O & M	\$12,127,900.00
Stormwater Basin Expansion Project	City of Torrance	FY21-22	Continuing	Construction	\$0.00
West Rancho Dominguez - San Pedro Street Green Improvement	Los Angeles County Public Works	FY22-23	Continuing	Design	\$0.00
Downtown Lomita Multi-Benefit Stormwater Project	City of Lomita	FY22-23	Continuing	Design	\$0.00
Fulton Playfield Multi-Benefit Infiltration Project	City of Redondo Beach	FY22-23	Continuing	Planning, Design, Construction, O & M	\$2,126,138.00
Hermosa Beach Multi-Benefit Parking Lot Greening Project (Lot D)	Hermosa Beach	FY22-23	Continuing	Construction	\$0.00

Project	Project Developer	SIP Year	Status of Funded Activity	Phase(s)	Remaining Funding Request
Wilmington-Anaheim Green Infrastructure Corridor Project	City of Los Angeles, Department of Public Works, LA Sanitation and Environment	FY23-24	Continuing	Planning, Design, Construction, O & M	\$9,761,300.00
Machado Lake Ecosystem Rehabilitation (MLER) Operations and Maintenance	City of Los Angeles, Department of Public Works, LA Sanitation and Environment	FY23-24	Continuing	O & M	\$2,916,665.00
Glen Anderson Park Regional Stormwater Capture Green Streets	City of Redondo Beach	FY23-24	Continuing	Design, Planning	\$391,000.00
Beach Cities Green Streets Project	City of Torrance	FY23-24	Continuing	Construction	\$0.00

Table 7-3. Summary of previously approved TRP Project Concepts.

Project Concept	Project Applicant	SIP Year	Status	Notes
South Santa Monica Bay Watershed Coordinator	Heal the Bay	FY20-21	Continuing	N/A
Eastview Park	City of Rancho Palos Verdes	FY20-21	Complete	IP not submitted
Harbor City Park Multi-Benefit Stormwater Capture Project	Los Angeles County	FY20-21	Complete	IP not submitted
Prioritization of Parkway BMPs for Dominguez Channel/ Harbors Toxics TMDL	City of Torrance	FY21-22	Complete	IP submitted, Not Selected
Palos Verdes Peninsula Multi-Benefit Flow Diversion Project	City of Rolling Hills Estates	FY21-22	Complete	IP not submitted

Project Concept	Project Applicant	SIP Year	Status	Notes
Darby Park Multi-Benefit Project	City of Inglewood	FY22-23	Continuing	IP not submitted
City of Lawndale Southern Revitalization Project	City of Lawndale	FY22-23	Continuing	IP not submitted
Holly Park Multi-Benefit Drought Resiliency and Stormwater Infiltration Project	City of Hawthorne	FY23-24	Continuing	IP not submitted

Table 7-4. Summary of previously approved Scientific Studies.

Scientific Study	Study Applicant	SIP Year	Status	Remaining Funding Requested
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	FY20-21	Continuing	\$0.00
Regional Pathogen Reduction Study	Gateway Water Management Authority	FY21-22	Continuing	\$385,573.09
Microplastics in LA County Stormwater	Dr. Andrew Gray, University of California Riverside	FY22-23	Continuing	\$76,150.25

Below is a list of Infrastructure Program Projects, Technical Resources Program Project concepts, and Scientific Studies previously approved in the Watershed Area's SIPs, which have either been removed by the WASC, withdrawn by the applicant, or have had unused funds returned to the Regional Program Fund. Returning funds will be available for future funding allocations.

Table 7-5. Summary of funds returned to the Regional Program.

Project/Study	Program	SIP Year	Status	Amount to be Returned to Budget
Eastview Park Project	Technical Resources Program	FY24-25	Completed	\$4,600.00
Harbor City Park Multi-Benefit Stormwater Capture Project	Technical Resources Program	FY24-25	Completed	\$792.00

*Amount returned to Budget for Infrastructure Projects includes funds allocated in previously approved SIPs and does not account for projected allocations.

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.

7.1 Discussion

The PMRs 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. In addition, the WASC asked PMR Developers to provide details on the status of their project, funding priorities, leveraged funding opportunities, and the project's ability to be implemented with an adjusted or decreased funding allocation.

During the May 2 meeting, the PMR Developers for the Wilmington Neighborhood Greening Project stated their willingness to reallocate their annual funding but preferred to not stretch or decrease the total additional funding request. The PMR Developers for the Wilmington Q Street Local Urban Area Flow Management Project expressed that they were willing to forgo additional funding, in order to prioritize and provide the full funding amount to the Wilmington Neighborhood Greening Project. In addition, the PMR Developers for the Wilmington-Anaheim Green Infrastructure Corridor Project were also willing to defer \$2M from FY25-26 to FY26-27 to provide additional funding.

The Wilmington Neighborhood Greening Project requested additional funding due to total project and construction cost increases due to high-cost escalation and economic inflation over the years. The Project Applicant requested an addition \$1M for FY24-25 and FY25-26 and an additional \$2.5M for FY26-27.

Based on the information provided, the WASC recommended approval of the Wilmington Neighborhood Greening PMR as described above and confirmed the Developers ability to implement the modified project with the adjusted funding allocation.

8 Next Steps

To best accelerate the effective adaptive management of the SCWP and ensure the most strategic investments going forward, certain new efforts must be prioritized, while certain existing efforts must be modified so that they can proceed according to evolved information, best practices, and tools. Doing so is a critical aspect for advancing the recently adopted County Water Plan's vision of a shared, inclusive, regional path forward to achieve safe, clean, and reliable water resources sustainably and equitably for Los Angeles County

PW continues to develop guidance documents, as part of adaptive management efforts, to further inform and support the annual SIP development process. Various tools are regularly updated and maintained to assist with the WASC's decision making. PW continues to lead watershed planning efforts in alignment with the County Water Plan across the region. Watershed planning workshops will be conducted for each WASC to engage committee members and solicit their input and expertise. Initial efforts are expected to be completed by late 2024, which will include data and gap analyses, community needs assessment, and WASC engagement.

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

Next WASC meeting(s):

- July 17, 2023, 1:00 pm – 3:00 pm (to consider ROC feedback, if available)

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

Attachment A
Final Recommended SIP

Watershed Area	South Santa Monica Bay
Included in SIP?	Yes

Row Labels	Project Lead	DAC	FY 24-25 Budget	FY 25-26 Projection	FY 26-27 Projection	FY 27-28 Projection	FY 28-29 Projection	Anticipated SCW Funding FY 24-29
FY20-21			\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$1,000,000.00
Technical Resource			\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$1,000,000.00
South Santa Monica Bay Watershed Coordinator WC: TBD	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			\$10,412,027.45	\$8,127,910.64	\$2,500,000.00	\$0.00	\$0.00	\$21,039,938.09
Infrastructure Project			\$10,081,932.50	\$8,072,432.50	\$2,500,000.00	\$0.00	\$0.00	\$20,654,365.00
Carson Stormwater and Runoff Capture Project at Carriage Crest Park	City of Carson	Yes	\$207,500.00	\$207,500.00	\$0.00	\$0.00	\$0.00	\$415,000.00
South Santa Monica Bay Water Quality Enhancement: 28th Street Storm Drain Infiltration Project	City of Manhattan Beach	No	\$4,055,732.50	\$4,055,732.50	\$0.00	\$0.00	\$0.00	\$8,111,465.00
Wilmington Neighborhood Greening Project	City of Los Angeles, Bureau of Sanitation and Environment	Yes	\$5,818,700.00	\$3,809,200.00	\$2,500,000.00	\$0.00	\$0.00	\$12,127,900.00
Scientific Study			\$330,094.95	\$55,478.14	\$0.00	\$0.00	\$0.00	\$385,573.09
Regional Pathogen Reduction Study	Gateway Water Management Authority	No	\$330,094.95	\$55,478.14	\$0.00	\$0.00	\$0.00	\$385,573.09
FY22-23			\$1,759,150.25	\$50,500.00	\$46,500.00	\$346,138.00	\$0.00	\$2,202,288.25
Infrastructure Project			\$1,683,000.00	\$50,500.00	\$46,500.00	\$346,138.00	\$0.00	\$2,126,138.00
Fulton Playfield Multi-Benefit Infiltration Project	City of Redondo Beach	No	\$1,683,000.00	\$50,500.00	\$46,500.00	\$346,138.00	\$0.00	\$2,126,138.00
Scientific Study			\$76,150.25	\$0.00	\$0.00	\$0.00	\$0.00	\$76,150.25
Microplastics in LA County Stormwater	Dr. Andrew Gray, University of California Riverside	No	\$76,150.25	\$0.00	\$0.00	\$0.00	\$0.00	\$76,150.25
FY23-24			\$2,548,280.00	\$2,743,180.00	\$6,550,280.00	\$1,227,225.00	\$0.00	\$13,068,965.00
Infrastructure Project			\$2,548,280.00	\$2,743,180.00	\$6,550,280.00	\$1,227,225.00	\$0.00	\$13,068,965.00
Glen Anderson Park Regional Stormwater Capture Green Streets	City of Redondo Beach	Yes	\$391,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$391,000.00
Machado Lake Ecosystem Rehabilitation (MLER) Operations and Maintenance	City of Los Angeles, Department of Public Works, LA Sanitation and Environment	Yes	\$794,880.00	\$728,280.00	\$794,880.00	\$598,625.00	\$0.00	\$2,916,665.00
Wilmington-Anaheim Green Infrastructure Corridor Project	City of Los Angeles, Department of Public Works, LA Sanitation and Environment	Yes	\$1,362,400.00	\$2,014,900.00	\$5,755,400.00	\$628,600.00	\$0.00	\$9,761,300.00
FY24-25			\$876,389.00	\$6,633,961.00	\$7,196,096.00	\$4,965,339.00	\$340,588.00	\$20,012,373.00
Infrastructure Project			\$450,000.00	\$6,500,000.00	\$7,100,000.00	\$4,884,402.00	\$256,000.00	\$19,190,402.00
Torrance Airport Stormwater Basin Project	City of Torrance	No	\$450,000.00	\$6,500,000.00	\$7,100,000.00	\$4,884,402.00	\$256,000.00	\$19,190,402.00
Scientific Study			\$126,389.00	\$133,961.00	\$96,096.00	\$80,937.00	\$84,588.00	\$521,971.00
Identifying Best Practices for Maintaining Stormwater Drywell Capacity	California State Polytechnic University, Pomona	No	\$79,989.00	\$81,181.00	\$82,176.00	\$80,937.00	\$84,588.00	\$408,871.00
Street Sweeping Study	City of Los Angeles	No	\$46,400.00	\$52,780.00	\$13,920.00	\$0.00	\$0.00	\$113,100.00
Technical Resource			\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Gardena Willows Wetland Stormwater Enhancement Project	The City of Gardena; The Friends of the Gardena Willows Wetland Preserve	Yes	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00
Grand Total			\$15,795,846.70	\$17,755,551.64	\$16,492,876.00	\$6,738,702.00	\$540,588.00	\$57,323,564.34

Attachment B
Summary to Date

Watershed Area	South Santa Monica Bay
Included in SIP?	Yes

Row Labels	Project Lead	DAC	FY 20-21 Budget	FY 21-22 Budget	FY 22-23 Budget	FY 23-24 Budget	FY 24-25 Budget	FY 25-26 Projection	FY 26-27 Projection	FY 27-28 Projection	FY 28-29 Projection	Total Anticipated SCW Funding	Total Cost Share
FY20-21			\$14,388,796.00	\$12,478,529.00	\$10,220,261.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$38,287,586.00	\$11,676,000.00
Infrastructure Project			\$13,574,325.00	\$12,255,375.00	\$10,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,829,700.00	\$11,676,000.00
Alondra Park Multi Benefit Stormwater Capture Project	Los Angeles County	Yes	\$10,000,000.00	\$10,000,000.00	\$10,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30,000,000.00	\$11,500,000.00
Torrance Airport Storm Water Basin Project, Phase 2	City of Torrance	Yes	\$906,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$906,000.00	\$176,000.00
Wilmington Q Street Local Urban Area Flow Management Project	City of Los Angeles, Bureau of Sanitation	Yes	\$2,668,325.00	\$2,255,375.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,923,700.00	\$0.00
Scientific Study			\$14,471.00	\$23,154.00	\$20,261.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57,886.00	\$0.00
Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	No	\$14,471.00	\$23,154.00	\$20,261.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$57,886.00	\$0.00
Technical Resource			\$800,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$2,400,000.00	\$0.00
Eastview Park	City of Rancho Palos Verdes	No	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
Harbor City Park Multi-Benefit Stormwater Capture Project	Los Angeles County	Yes	\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
South Santa Monica Bay Watershed Coordinator WC: TBD	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	\$200,000.00	\$200,000.00	\$1,800,000.00	\$0.00
FY21-22				\$7,519,483.42	\$5,061,869.98	\$7,933,801.36	\$10,412,027.45	\$8,127,910.64	\$2,500,000.00	\$0.00	\$0.00	\$41,555,092.85	\$24,570,483.04
Infrastructure Project				\$6,872,327.00	\$4,717,905.50	\$7,600,932.50	\$10,081,932.50	\$8,072,432.50	\$2,500,000.00	\$0.00	\$0.00	\$39,845,530.00	\$24,570,483.04
Carson Stormwater and Runoff Capture Project at Carriage Crest Park	City of Carson	Yes		\$207,500.00	\$207,500.00	\$207,500.00	\$207,500.00	\$207,500.00	\$0.00	\$0.00	\$0.00	\$1,037,500.00	\$18,720,000.00
South Santa Monica Bay Water Quality Enhancement: 28th Street Storm Drain Infiltration Project	City of Manhattan Beach	No		\$1,497,100.00	\$4,005,732.50	\$4,005,732.50	\$4,055,732.50	\$4,055,732.50	\$0.00	\$0.00	\$0.00	\$17,620,030.00	\$5,119,326.04
Stormwater Basin Expansion Project	City of Torrance	No		\$4,505,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,505,000.00	\$731,157.00
Wilmington Neighborhood Greening Project	City of Los Angeles, Bureau of Sanitation and Environment	Yes		\$662,727.00	\$504,673.00	\$3,387,700.00	\$5,818,700.00	\$3,809,200.00	\$2,500,000.00	\$0.00	\$0.00	\$16,683,000.00	\$0.00
Scientific Study				\$47,156.42	\$343,964.48	\$332,868.86	\$330,094.95	\$55,478.14	\$0.00	\$0.00	\$0.00	\$1,109,562.85	\$0.00
Regional Pathogen Reduction Study	Gateway Water Management Authority	No		\$47,156.42	\$343,964.48	\$332,868.86	\$330,094.95	\$55,478.14	\$0.00	\$0.00	\$0.00	\$1,109,562.85	\$0.00
Technical Resource				\$600,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00	\$0.00
Palos Verdes Peninsula Multi-Benefit Flow Diversion Project	City of Rolling Hills Estates	Yes		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
Prioritization of Parkway BMPs for Dominguez Channel/ Harbors Toxics TMDL	City of Torrance	No		\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
FY22-23					\$2,090,133.75	\$2,520,717.50	\$1,759,150.25	\$50,500.00	\$46,500.00	\$346,138.00	\$0.00	\$6,813,139.50	\$2,302,150.01
Infrastructure Project					\$1,404,975.00	\$2,434,275.00	\$1,683,000.00	\$50,500.00	\$46,500.00	\$346,138.00	\$0.00	\$5,965,388.00	\$2,302,150.01
Downtown Lomita Multi-Benefit Stormwater Project	City of Lomita	Yes			\$300,000.00	\$149,300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$449,300.00	\$449,500.00
Fulton Playfield Multi-Benefit Infiltration Project	City of Redondo Beach	No			\$93,000.00	\$2,073,000.00	\$1,683,000.00	\$50,500.00	\$46,500.00	\$346,138.00	\$0.00	\$4,292,138.00	\$436,000.00
Hermosa Beach Multi-Benefit Parking Lot Greening Project (Lot D)	Hermosa Beach	No			\$211,975.00	\$211,975.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$423,950.00	\$616,650.00

Attachment B
Summary to Date

West Rancho Dominguez - San Pedro Street Green Improvement	Los Angeles County Public Works	Yes			\$800,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800,000.00	\$800,000.01
Scientific Study					\$85,158.75	\$86,442.50	\$76,150.25	\$0.00	\$0.00	\$0.00	\$0.00	\$247,751.50	\$0.00
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	\$0.00	\$0.00	\$247,751.50	\$0.00
Technical Resource					\$600,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$600,000.00	\$0.00
City of Lawndale Southern Revitalization Project	City of Lawndale	Yes			\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
Darby Park Multi-Benefit Project	City of Inglewood	Yes			\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
FY23-24						\$6,853,859.00	\$2,548,280.00	\$2,743,180.00	\$6,550,280.00	\$1,227,225.00	\$0.00	\$19,922,824.00	\$7,216,816.00
Infrastructure Project						\$6,553,859.00	\$2,548,280.00	\$2,743,180.00	\$6,550,280.00	\$1,227,225.00	\$0.00	\$19,622,824.00	\$7,216,816.00
Beach Cities Green Streets Project	City of Torrance	No				\$5,366,953.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,366,953.00	\$2,650,000.00
Glen Anderson Park Regional Stormwater Capture Green Streets	City of Redondo Beach	Yes				\$391,000.00	\$391,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$782,000.00	\$0.00
Machado Lake Ecosystem Rehabilitation (MLER) Operations and Maintenance	City of Los Angeles, Department of Public Works, LA Sanitation and Environment	Yes				\$282,706.00	\$794,880.00	\$728,280.00	\$794,880.00	\$598,625.00	\$0.00	\$3,199,371.00	\$2,554,816.00
Wilmington-Anaheim Green Infrastructure Corridor Project	City of Los Angeles, Department of Public Works, LA Sanitation and Environment	Yes				\$513,200.00	\$1,362,400.00	\$2,014,900.00	\$5,755,400.00	\$628,600.00	\$0.00	\$10,274,500.00	\$2,012,000.00
Technical Resource						\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
Holly Park Multi-Benefit Drought Resiliency and Stormwater Infiltration Project	City of Hawthorne	Yes				\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
FY24-25							\$876,389.00	\$6,633,961.00	\$7,196,096.00	\$4,965,339.00	\$340,588.00	\$20,012,373.00	\$938,000.00
Infrastructure Project							\$450,000.00	\$6,500,000.00	\$7,100,000.00	\$4,884,402.00	\$256,000.00	\$19,190,402.00	\$938,000.00
Torrance Airport Stormwater Basin Project	City of Torrance	No					\$450,000.00	\$6,500,000.00	\$7,100,000.00	\$4,884,402.00	\$256,000.00	\$19,190,402.00	\$938,000.00
Scientific Study							\$126,389.00	\$133,961.00	\$96,096.00	\$80,937.00	\$84,588.00	\$521,971.00	\$0.00
Identifying Best Practices for Maintaining Stormwater Drywell Capacity	California State Polytechnic University, Pomona	No					\$79,989.00	\$81,181.00	\$82,176.00	\$80,937.00	\$84,588.00	\$408,871.00	\$0.00
Street Sweeping Study	City of Los Angeles	No					\$46,400.00	\$52,780.00	\$13,920.00	\$0.00	\$0.00	\$113,100.00	\$0.00
Technical Resource							\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
Gardena Willows Wetland Stormwater Enhancement Project	The City of Gardena; The Friends of the Gardena Willows Wetland Preserve	Yes					\$300,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$300,000.00	\$0.00
Grand Total			\$14,388,796.00	\$19,998,012.42	\$17,372,264.73	\$17,508,377.86	\$15,795,846.70	\$17,755,551.64	\$16,492,876.00	\$6,738,702.00	\$540,588.00	\$126,591,015.35	\$46,703,449.05

Attachment C

Project Modification Request Forms

ATTACHMENT A: Project Modification Request (PMR) FORM

The purpose of this PMR form is to initiate the Project modification process and provide the District with information necessary to evaluate the Project modification request.

Regional Program	<input checked="" type="checkbox"/> Infrastructure Program Project <input type="checkbox"/> Scientific Studies Program <input type="checkbox"/> Technical Resources Program
Project/Study Name	Wilmington Q Street Local Area Urban Flow Management Project
Project/Study Lead	City of Los Angeles, Sanitation and Environment (LASAN)
Watershed Area(s)	South Santa Monica Bay
Current Project Phase	Pre-Design
Approved Stormwater Investment Plan Fiscal Year	FY21-22
Transfer Agreement ID (e.g., 2020RPULAR52)	2020RPSSMB03

Has Transfer Agreement or most recent Addendum been executed (i.e., signed by the project lead and the District)? ☐ Yes ☒ No

What type(s) of modification request?

- ☐ like-for-like modifications
- ☐ functionally equivalent BMP modifications
- ☐ modifications to Project or Study components that were not material to the WASC, ROC, or Board's decision to include the Project or Study in the SIP
- ☐ minor modifications to the budget or schedule of intermediate tasks where the total Funded Activity amount and Funded Activity completion date is unchanged
- ☐ change in primary or secondary objective
- ☐ change in Project benefits
- ☐ change in methodology (e.g., infiltration instead of diversion to sanitary sewer)
- ☐ decrease in BMP capacity
- ☐ change in Project or Study location
- ☐ change in capture area where benefits claimed are diminished or where there is a change in the municipalities that are receiving benefits
- ☐ updated engineering analysis resulting in a reduction of benefits claimed
- ☒ increase in Construction Cost or Life Cycle Cost greater than 10%
- ☒ increase or reallocation of annual funding distribution
- ☒ change in Funded Activity completion date
- ☒ other, please describe:

Increased project cost sharing.

SCW Program

Project Modification Guidelines



Impact on scope or benefits?

- ☐ Improved
☐ Diminished

- ☒ Neither
☐ Not Sure

Description of the proposed modification(s) and the reason(s) why the modification(s) is/are being proposed.

LASAN, in conjunction with the City of Los Angeles Bureau of Engineering (BOE), has selected a Design consultant and begun the Pre-Design phase of the Project which includes the preliminary engineering efforts to evaluate Project's alternatives, conduct community outreach, and prepare a Pre-Design Report (PDR) which includes a recommended alternative.

Since the execution of the Transfer Agreement (TA), the total project and construction costs have increased due to high cost escalation and economic inflation over the past few years. The Covid-19 Pandemic has been a major factor contributing to both material and labor shortages, which resulted in high escalation and inflation. BOE released a report in July 2022 with suggested inflation rate for project estimates. In August of 2023, BOE released an updated report with a revised inflation rate. Both of the rates are included as appendices for reference.

The modifications reported in this PMR are described in detail in Appendix A. Please also refer to the letters attached with modifications that were presented and approved by the SSMB WASC on September 20, 2023, before the PMR process was established. The modifications previously accepted by the WASC included changes to Section A-10 Work Schedule and Completion Date.

If applicable, list previously approved funding allocations/disbursements and revised funding request:

Note, if some or all of a previously Funded Activity cannot be completed as a result of the proposed modification, please include a description and indicate the amount of unused funds. Any unused funds should be reallocated and accounted for in your revised funding request.

Fiscal Year	Approved Funding Allocations	Revised Funding Request	Description/Phase <i>If applicable, include description of unused funds</i>
FY 21-22	\$ 2,668,325	\$ 2,668,325	The approved funding for FY 21/22 has been received.
FY 22-23	\$ 2,255,375	\$ 2,255,375	The approved funding for FY 21/22 has been received.
FY 23-24	\$0	\$0	
FY 24-25	\$0	\$ 750,000	Requesting an additional \$750k
FY 25-26	\$0	\$ 3,250,000	Requesting an additional \$3.25M
Future Funding	\$0	\$3,576,300	Requesting an additional \$3.58M in FY26/27
TOTAL	\$4,923,700	\$12,500,000	Refer to table 1 in Appendix A for details

SCW Program

Project Modification Guidelines



A: SCWP Approved Total Funding Allocations	\$4,923,700
B: Revised SCWP Anticipated Total Funding Request	\$12,500,000
C: Difference between B and A	\$7,576,300

If applicable, description of difference in SCWP Anticipated Total Funding Request. As a reminder, annual funding is at the discretion of the WASC, ROC, and ultimately the Board of Supervisors.

Besides requesting additional funding from SCWP, LASAN has been actively pursuing various options to fill the funding gap. These include leveraging the City's Measure W Municipal Funds and applying for State Grants. The Project has savings from the pre-design phase, which will be used for the construction of the Project. Appendix A is included as attachment for reference.

This PMR requests an additional \$7.6M from the SSMB WASC to address the funding deficit. This request is for the costs associated with solely inflation over the past few years since the Project's approval in Round 1.

Brief description of Supporting Documentation provided.

Appendix A - Wilmington Q Project Modification Request (PMR) Details
Appendix B - Quarter 4 (Q4) Fiscal Year (FY) 22-23 Quarterly Report Modification Letter
Appendices C and D - BOE Inflation Rate Letters

I certify the information and supporting documentation provided is accurate and true.	<input checked="" type="checkbox"/> YES
I understand this is a request and it is under the WASC's discretion to consider requested modifications.	<input checked="" type="checkbox"/> YES

Name Michael Scaduto, P.E., ENV SP

Organization City of Los Angeles, LASAN

Signature *Michael Scaduto* Digitally signed by Michael Scaduto
Date: 2023.11.30 07:52:19-08'00'

Date 11/30/2023

FOR DISTRICT USE ONLY

Proposed Modifications to Projects or Studies:

	Status	Date
Modified Project or Study is consistent with the Project or Study included in the current fiscal year's SIP and proposed modifications were approved by the District.	<input type="checkbox"/> YES	
Modified Project or Study is NOT consistent with the Project or Study included in the current fiscal year's SIP. If yes, select all that apply:	<input checked="" type="checkbox"/> YES	12/11/23
PMR was received after October 31 of a fiscal year and the PMR will be considered for approval during the preparation of subsequent SIP for the fiscal year <u>after</u> the next	<input type="checkbox"/> YES	-
For Infrastructure Program Projects, modified Project was sent to Scoring Committee . If yes, revised score:	<input type="checkbox"/> YES	
Project or Study abandoned the proposed modifications	<input type="checkbox"/> YES	
Project or Study was withdrawn from consideration by the WASC and shall issue repayment of unspent funds	<input type="checkbox"/> YES	
Proposed modifications were recommended for approval in the SIP	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Proposed Modifications to Project Concepts:

	Status	Date
Proposed modifications were deemed consistent with the Project concept that was approved by the WASC, ROC and Board for inclusion in the SIP and can be addressed within the existing budget. District will proceed to incorporate the proposed modification into the Feasibility Study immediately.	<input type="checkbox"/> YES	
Proposed modifications were deemed significant enough to result in a significantly different Project concept from the one approved by the WASC, ROC and Board for inclusion in the SIP. If yes, select one:	<input type="checkbox"/> YES	
District to discontinue work on the Feasibility Study, return unused funds to be programmed in the SIP for the next fiscal year, and advise the proponent to submit the modified Project concept during the Call for Projects for a future fiscal year.	<input type="checkbox"/> YES	-
District to abandon the proposed modifications and proceed with the Project concept included in the SIP.	<input type="checkbox"/> YES	-

ATTACHMENT A: Project Modification Request (PMR) FORM

The purpose of this PMR form is to initiate the Project modification process and provide the District with information necessary to evaluate the Project modification request.

Regional Program	<input checked="" type="checkbox"/> Infrastructure Program Project <input type="checkbox"/> Scientific Studies Program <input type="checkbox"/> Technical Resources Program
Project/Study Name	Wilmington Neighborhood Greening Project
Project/Study Lead	City of Los Angeles, Sanitation and Environment (LASAN)
Watershed Area(s)	South Santa Monica Bay
Current Project Phase	Design
Approved Stormwater Investment Plan Fiscal Year	FY21-22
Transfer Agreement ID (e.g., 2020RPULAR52)	2021RPSSMB01

Has Transfer Agreement or most recent Addendum been executed (i.e., signed by the project lead and the District)? ☐ Yes ☒ No

What type(s) of modification request?

- ☒ like-for-like modifications
- ☐ functionally equivalent BMP modifications
- ☐ modifications to Project or Study components that were not material to the WASC, ROC, or Board's decision to include the Project or Study in the SIP
- ☐ minor modifications to the budget or schedule of intermediate tasks where the total Funded Activity amount and Funded Activity completion date is unchanged
- ☐ change in primary or secondary objective
- ☐ change in Project benefits
- ☐ change in methodology (e.g., infiltration instead of diversion to sanitary sewer)
- ☐ decrease in BMP capacity
- ☐ change in Project or Study location
- ☐ change in capture area where benefits claimed are diminished or where there is a change in the municipalities that are receiving benefits
- ☐ updated engineering analysis resulting in a reduction of benefits claimed
- ☒ increase in Construction Cost or Life Cycle Cost greater than 10%
- ☒ increase or reallocation of annual funding distribution
- ☒ change in Funded Activity completion date
- ☒ other, please describe:

Increased project cost sharing.

SCW Program

Project Modification Guidelines



Impact on scope or benefits?

☐ Improved

☐ Diminished

☒ Neither

☐ Not Sure

Description of the proposed modification(s) and the reason(s) why the modification(s) is/are being proposed.

LASAN, working in conjunction with City of Los Angeles Bureau of Engineering (BOE) and its consultant, have concluded the Pre-Design for the Wilmington Neighborhood Greening Project (Project). The conceptual design in the Feasibility Study served as the basis for the three (3) alternatives that were evaluated in the Pre-Design Report (PDR). All three alternatives provide equivalent water quality and water supply performances which are primarily determined based on the pollutant load reduction target of at least 80% for the primary and secondary pollutants. The tank sizes were optimized to be cost effective while keeping the diversion rate as the limiting factor for water quality performance and minimizing the impacts to the SCWP goals. Since the execution of the Transfer Agreement (TA), the total project and construction costs have increased due to high cost escalation and economic inflation over the past few years. The Covid-19 Pandemic has been a major factor contributing to both material and labor shortages, which resulted in high escalation and inflation. The City of Los Angeles Bureau of Engineering (BOE) released a report in July 2022 with suggested inflation rates for project estimates. In August of 2023, BOE released an updated report with a revised inflation rate. Both of the rates are included as appendices for reference.

The modifications reported in this PMR are described in detail in Appendix A. Please also refer to the letters attached with modifications that were presented and approved by the SSMB WASC on June 7, 2023 and November 1, 2023, before the PMR process was established. The modifications previously accepted by the WASC included changes to A-1 Budget Plan Modifications, A-3 Estimated Reasonable Total Activity Cost, A-4 Funded Activity Description and Scope of Work, A-10 Work Schedule and Completion Date Modifications, and Cost Share Modification of Exhibit A - Scope of Work of the TA.

If applicable, list previously approved funding allocations/disbursements and revised funding request:

Note, if some or all of a previously Funded Activity cannot be completed as a result of the proposed modification, please include a description and indicate the amount of unused funds. Any unused funds should be reallocated and accounted for in your revised funding request.

Fiscal Year	Approved Funding Allocations	Revised Funding Request	Description/Phase <i>If applicable, include description of unused funds</i>
FY 21-22	\$662,727	\$662,727	Approved funding received
FY 22-23	\$504,673	\$504,673	Approved funding received
FY 23-24	\$3,387,700	\$3,387,700	Approved but not yet received; Addendum #2 pending CEQA
FY 24-25	\$4,818,700	\$5,818,700	Requesting an additional \$1M
FY 25-26	\$2,809,200	\$3,809,200	Requesting an additional \$1M
Future Funding	\$0	\$2,500,000	Requesting additional funding for FY26/27 (\$2.5M)
TOTAL	\$12,183,000	\$16,683,000	Refer to table 1 in Appendix A for details

SCW Program

Project Modification Guidelines



A: SCWP Approved Total Funding Allocations	\$12,182,930
B: Revised SCWP Anticipated Total Funding Request	\$16,682,930
C: Difference between B and A	\$4,500,000

If applicable, description of difference in SCWP Anticipated Total Funding Request. As a reminder, annual funding is at the discretion of the WASC, ROC, and ultimately the Board of Supervisors.

Besides requesting additional funding from SCWP, LASAN has been actively pursuing various options to fill the funding gap. These include leveraging the City's Measure W Municipal Funds, submitting a Letter of Intent (LOI) to the Caltrans State Highway Operation and Protection Program (SHOPP), and applying for State and Federal Grants. An LOI was submitted to a NOAA grant, but was not selected. LASAN also submitted an application on 11/20/2023 requesting \$13.3M from California Natural Resources Agency Urban Greening Grant. Decisions regarding the grant award are pending.

Overall, Regional funding accounts for 63% of the total project cost while City will be contributing 37% of the total project cost to implement the Project.

Appendix A is included as attachment for reference.

Brief description of Supporting Documentation provided.

Appendix A - Wilmington Neighborhood Project Modification Request (PMR) Details
 Appendix B - Project Benefit Comparison
 Appendices C and D - Quarter 1 and 4 (Q1 and Q4) Fiscal Year (FY) 22-23 Quarterly Report
 Modification Letters
 Appendices E and F - BOE Inflation Rate Letters

I certify the information and supporting documentation provided is accurate and true.	<input checked="" type="checkbox"/> YES
I understand this is a request and it is under the WASC's discretion to consider requested modifications.	<input checked="" type="checkbox"/> YES

Name Michael Scaduto, P.E., ENV SP

Organization City of Los Angeles, LASAN

Signature *Michael Scaduto* Digitally signed by Michael Scaduto
 Date: 2023.11.30 07:47:52-08'00'

Date 11/30/2023

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Proposed Modifications to Projects or Studies:

	Status	Date
Modified Project or Study is consistent with the Project or Study included in the current fiscal year's SIP and proposed modifications were approved by the District.	<input type="checkbox"/> YES	
Modified Project or Study is NOT consistent with the Project or Study included in the current fiscal year's SIP. If yes, select all that apply:	<input checked="" type="checkbox"/> YES	12/13/23
PMR was received after October 31 of a fiscal year and the PMR will be considered for approval during the preparation of subsequent SIP for the fiscal year <u>after</u> the next	<input type="checkbox"/> YES	-
For Infrastructure Program Projects, modified Project was sent to Scoring Committee . If yes, revised score:	<input type="checkbox"/> YES	
Project or Study abandoned the proposed modifications	<input type="checkbox"/> YES	
Project or Study was withdrawn from consideration by the WASC and shall issue repayment of unspent funds	<input type="checkbox"/> YES	
Proposed modifications were recommended for approval in the SIP	<input type="checkbox"/> YES <input type="checkbox"/> NO	

Proposed Modifications to Project Concepts:

	Status	Date
Proposed modifications were deemed consistent with the Project concept that was approved by the WASC, ROC and Board for inclusion in the SIP and can be addressed within the existing budget. District will proceed to incorporate the proposed modification into the Feasibility Study immediately.	<input type="checkbox"/> YES	
Proposed modifications were deemed significant enough to result in a significantly different Project concept from the one approved by the WASC, ROC and Board for inclusion in the SIP. If yes, select one:	<input type="checkbox"/> YES	
District to discontinue work on the Feasibility Study, return unused funds to be programmed in the SIP for the next fiscal year, and advise the proponent to submit the modified Project concept during the Call for Projects for a future fiscal year.	<input type="checkbox"/> YES	-
District to abandon the proposed modifications and proceed with the Project concept included in the SIP.	<input type="checkbox"/> YES	-