

R-17

March 23, 2021

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt a Resolution authorizing the City Manager, or designee, to execute all documents necessary to enter into an agreement with the Los Angeles County Flood Control District (LACFCD), to accept and expend funding in the amount of \$10,446,880, for the Skylinks Golf Course at Wardlow Stormwater Capture Project from the Safe, Clean Water Program's (Measure W) Regional Program Transfer Agreement No. 2020RPLSGR05;

Increase appropriations in the Capital Projects Fund Group in the Public Works Department in the amount of \$10,446,880, offset by Measure W revenue from LACFCD; and,

Increase appropriations in the Capital Projects Fund Group in the Public Works Department by \$10,446,880, offset by transfer of Measure W revenue from LACFCD funds from the Capital Project Grant Fund. (District 5)

DISCUSSION

On November 6, 2018, Measure W was successfully passed by Los Angeles County voters, which created the Safe Clean Water Program (SCWP). The SCWP provides dedicated funding for stormwater programs and projects which help increase local water supply, improve water quality, and protect public health. With the approval of the SCWP, the first annual parcel tax was collected through property tax bills in Fiscal Year 2019/2020.

SCWP revenues will be allocated as follows:

- 50 percent distributed among nine watershed areas, to be programmed by the respective Watershed Area Steering Committees (WASCs) to fund stormwater projects and programs at the regional watershed level;
- 40 percent allocated directly to municipalities, proportional to the tax revenues collected within their boundaries, to fund local stormwater programs and projects; and
- 10 percent to the LACFCD for program administration, which includes technical assistance and staff support for the WASCs.

The City of Long Beach (City) is in the Lower San Gabriel River (LSGR) watershed area under the SCWP. The LSGR watershed area is estimated to receive up to \$16.67 million annually to fund regional projects and programs. Regional Program funds for the LSGR are programmed by the LSGR WASC, comprised of local stakeholders from agencies, municipalities, and community members from within the LSGR. The LSGR WASC meets regularly to develop funding plans and recommendations to provide water quality, water supply, and community enhancement benefits to the region.

The Skylinks Golf Course at Wardlow Stormwater Capture Project will construct a regional stormwater capture and filtration facility located beneath the undeveloped area located on the northeast corner of Skylinks Golf Course. This will achieve stormwater pollutant load reductions in drainage areas that cover portions of both the cities of Long Beach and Lakewood.

The City applied for SCWP Regional Program funds for the design and construction phases of the Skylinks Golf Course at Wardlow Stormwater Capture Project in December 2019, and was included in the Stormwater Investment Plan (SIP) for five years of regional funding. There is no match requirement for SCWP regional funds.

On October 13, 2020, the Los Angeles County Board of Supervisors approved the SCWP Transfer Agreement and the SIP for the Regional Program, which will need to be executed between the City and LACFCD. The transfer agreement for the Regional Program will disburse funds to the City over a five-year period for the design and construction phases of the Skylinks Golf Course at Wardlow Stormwater Capture Project. The disbursement of funds is in accordance with the approved SIP and is as follows:

FY 2020/2021:	\$ 1,047,369
FY 2021/2022:	\$ 1,638,457
FY 2022/2023:	\$ 2,792,983
FY 2023/2024:	\$ 2,792,983
<u>FY 2024/2025:</u>	<u>\$ 2,175,088</u>
TOTAL:	\$10,446,880

Following receipt of the signed Transfer Agreement by the LACFCD, the LACFCD will disburse the FY 2020/2021 allocation to the City within 45 days.

This matter was reviewed by Deputy City Attorney Amy R. Webber and by Budget Management Officer Rhutu Amin Gharib on March 3, 2021.

TIMING CONSIDERATIONS

City Council action is requested on March 23, 2021, to secure the City's participation in the LACFCD SCWP Regional Program.

FISCAL IMPACT

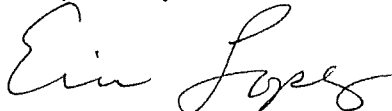
The total cost of the Skylinks Golf Course at Wardlow Stormwater Capture Project is currently estimated at \$10,446,880. There will be no impact to the City's General Fund Group. The City will receive \$10,446,880 of Measure W funds made available under the SCWP Regional Program over a five-year period. All eligible design, construction, construction management, inspection, labor compliance, and project oversight expenses will be fully offset by Measure W funds and no matching funds are required.

An appropriation increase in the amount of \$20,893,760 is requested in the Capital Projects Fund Group in the Public Works Department. Of this amount, \$10,446,880 will be offset with Measure W revenues received from the LACFCD. The remaining \$10,446,880 is a technical appropriation to allow for the transfer of Measure W funds from the Capital Projects Grant Fund, a fund within the Capital Projects Fund Group. This recommendation has no staffing impact beyond the normal budgeted scope of duties and is consistent with existing City Council priorities. There is no local job impact associated with this recommendation.

SUGGESTED ACTION:

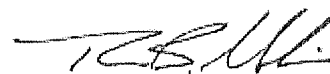
Approve recommendation.

Respectfully submitted,



ERIC LOPEZ
DIRECTOR OF PUBLIC WORKS

APPROVED:



THOMAS B. MODICA
CITY MANAGER

ATTACHMENTS: RESOLUTION
A – STORMWATER INVESTMENT PLAN

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LONG BEACH AUTHORIZING THE CITY MANAGER TO EXECUTE ALL DOCUMENTS NECESSARY TO ENTER INTO AN AGREEMENT WITH THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, TO ACCEPT AND EXPEND FUNDING FOR THE SKYLINKS GOLF COURSE AT WARDLOW STORMWATER CAPTURE PROJECT FROM THE SAFE, CLEAN WATER PROGRAM'S REGIONAL PROGRAM TRANSFER AGREEMENT NO. 2020RPLSGR05

WHEREAS, on June 9, 2020 the Los Angeles County Board of Supervisors approved the Safe, Clean Water (SCW) Program Transfer Agreement (TA) template for the Municipal Program which will need to be executed between the City of Long Beach ("City") and the Los Angeles County Flood Control District; and

WHEREAS, the Municipal Program is designed to maximize the ability of the City to address local stormwater and urban runoff challenges and opportunities; and

WHEREAS, projects and programs are required to include a water quality benefit; multi-benefit projects and nature-based solutions are strongly encouraged;

NOW, THEREFORE, the City Council of the City of Long Beach resolves as follows:

Section 1. The above recitals are true and correct and are incorporated herein by this reference.

Section 2. The City Council of the City of Long Beach does hereby authorize the City Manager to accept and expend funding for the Skylinks Golf Course at Wardlow Stormwater Capture Project from the Safe, Clean Water Program's Regional

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
411 West Ocean Boulevard, 9th Floor
Long Beach, CA 90802-4664

1 Program Transfer Agreement No. 2020RPLSGR05.

2 Section 3. A certified copy of this Resolution shall be transmitted to the
3 County.

4 Section 4. This resolution shall take effect immediately upon its adoption
5 by the City Council, and the City Clerk shall certify the vote adopting this resolution.

6 I hereby certify that the foregoing resolution was adopted by the City Council
7 of the City of Long Beach at its meeting of _____, 2020 by the
8 following vote:

9
10 Ayes: Councilmembers: _____

11 _____

12 _____

13
14 Noes: Councilmembers: _____

15 _____

16 Absent: Councilmembers: _____

17 _____

18 Recusal(s): Councilmembers: _____

19 _____

20 _____

21 _____

22 _____

City Clerk

Safe, Clean Water Program

Fiscal Year 2020-2021

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	Summary of Stormwater Investment Plan Recommendations	2
2	Summary of Meetings.....	3
3	Infrastructure Program	5
4	Technical Resources Program	14
5	Scientific Studies Program	14
6	Next Steps	15

Attachments:

- Attachment A – Final Recommended SIP
- Attachment B – List of WASC members
- Attachment C – Summary of DAC Benefits
- Attachment D – Additional details for Infrastructure Program Projects

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

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

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



1 Summary of Stormwater Investment Plan Recommendations

The Lower San Gabriel River WASC generates approximately \$16.67M of anticipated annual Regional Program funds.

For Fiscal Year 2020-2021 (FY20-21), 10 Infrastructure Program Project applications and 1 Scientific Study were submitted for consideration. One Infrastructure Project did not meet the threshold score to be eligible for consideration and two Infrastructure Program Projects were withdrawn by the applicant as described below in Section 3.1. After careful review and consideration, the WASC voted to include 7 Infrastructure Program Projects and 1 Watershed Coordinator into the recommended SIP.

Below is a summary of the total funding allocated per year in the recommended SIP.

Funding Program	(FY 20-21) Budget	(FY 21-22) Projection	(FY 22-23) Projection	(FY 23-24) Projection	(FY 24-25) Projection	TOTAL
Infrastructure Program (≥85%)	\$7.06 M	\$11.13 M	\$15.36 M	\$8.76 M	\$8.13 M	\$50.44 M
Technical Resources Program (<10%)	\$0.20 M	\$0.20 M	\$0.20 M	\$0.20 M	\$0.20 M	\$1.00 M
Scientific Studies Program (<5%)	-	-	-	-	-	-
Grand Total	\$7.26 M	\$11.33 M	\$15.56 M	\$8.96 M	\$8.33 M	\$51.44 M
Percent Allocated*	44%	43%	50%	28%	21%	62%

*Includes any roll-over from prior years

Refer to Attachment A for the Final Recommended SIP.

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



2 Summary of Meetings and Process

Refer to Attachment B for the list of WASC members.

2.1 Meeting Dates

- December 10, 2019
- January 14, 2020
- February 11, 2020
- February 25, 2020
- March 3, 2020
- March 24, 2020-Canceled
- May 5, 2020

2.2 Call for Projects

The Call for Projects FY 2019-2020 ended on December 15, 2019. After a check for completeness by District staff, the WASC received an overview of project submittals during the first meeting after the Call for Projects closed. The WASC discussed the Projects and accelerated timeline and voted to send all Infrastructure Projects to the Scoring Committee.

2.3 Scoring

The Scoring Committee evaluated each project submittal and provided an official score based on the scoring criteria defined in the [Feasibility Study Guidelines](#). All Regional Program Projects must meet the Threshold Score of 60 points or more to be eligible for consideration in the Infrastructure Program.

2.4 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 5 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.

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



2.5 Ranking

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

Program	Project Name	# of Votes	Score	Overall Place
IP	El Dorado Regional Project	14	106	1
IP	Adventure Park Multi Benefit Stormwater	14	101	2
IP	Hermosillo Park	14	100	3
IP	Bolivar Park	14	93	4
IP	Skylinks Golf Course at Wardlow Stormwater	13	80	5
IP	Mayfair Park	13	77	6
IP	Caruthers Park	13	76	7
IP	Bellflower Simms Park Stormwater Capture	14	56	8
IP	Cerritos Sports Complex	8	34	9

2.6 SIP Development

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 Applications](#) and the WASC webpage on the [Safe, Clean Water website](#) for details.

- Project Applications and Presentations
- Safe Clean Water GIS Reference Map
- SIP Programming Guidelines/Scenarios
- SIP Programming Tool
- Preliminary Rankings, as applicable

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

2.7 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.

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



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 Infrastructure Program for this Watershed Area. Projects shown in blue have been included in the recommended SIP. Refer to Attachment D and the Project Applications for additional details. 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.

Project Name	Project Lead	Status	Total SCW Funding Requested	Current Phase
Stormwater Treatment and Reuse System (STAR System) Hacienda Park	City of La Habra Heights	Did not meet threshold score	\$ 1,882,354.00	
Adventure Park Multi Benefit Stormwater Capture Project	Los Angeles County Public Works	Included in SIP	\$ 13,500,000.00	Planning & Design
Bellflower Simms Park Stormwater Capture Project	City of Bellflower	Withdrawn by applicant	\$ 17,204,152.00	
Bolivar Park	City of Lakewood	Included in SIP	\$ 1,265,900.00	Operations & Maintenance
Caruthers Park	City of Bellflower	Included in SIP	\$ 855,000.00	Operations & Maintenance
Cerritos Sports Complex	City of Cerritos	Withdrawn by applicant	\$ 45,400,000.00	
El Dorado Regional Project	City of Long Beach	Included in SIP	\$ 3,000,000.00	Planning & Design
Hermosillo Park	City of Norwalk	Included in SIP	\$ 20,110,000.00	Planning & Design
Mayfair Park	City of Lakewood	Included in SIP	\$ 1,266,125.00	Operations & Maintenance
Skylinks Golf Course at Wardlow Stormwater Capture Project	City of Long Beach	Included in SIP	\$ 10,446,880.00	Planning & Design

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



3.2 Discussion of Criteria

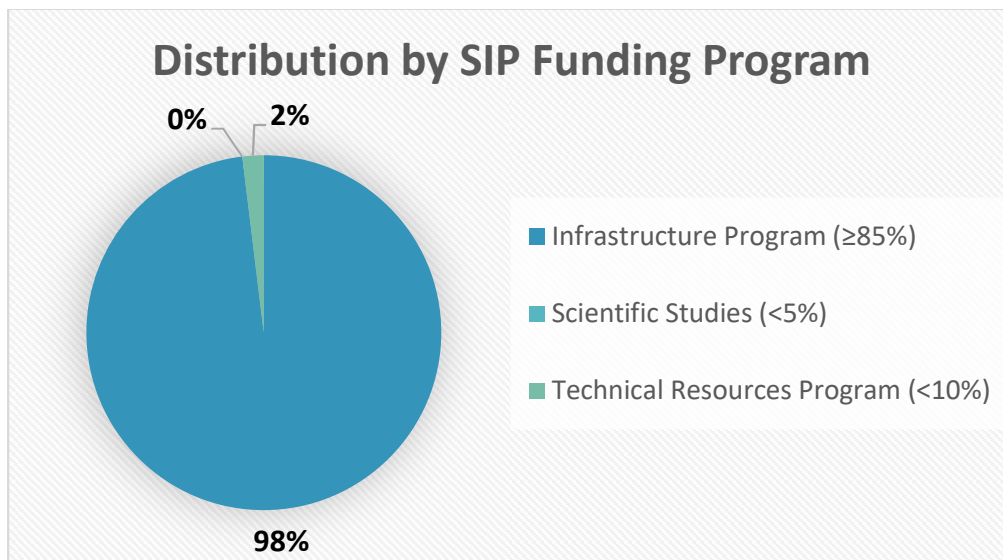
Per LACFCD Code Ch18.07.B.2, the SIPs shall be developed by the WASC in accordance with the criteria described below.

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.

Funding Program	Sum of Total SCW Funding Requested FY20-25	Funding Distribution for Subprograms
Infrastructure Program (≥85%)	\$50,443,905.00	98%
Scientific Studies (<5%)	\$0.00	0%
Technical Resources Program (<10%)	\$1,000,000.00	2%
Grand Total	\$51,443,905.00	



Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan

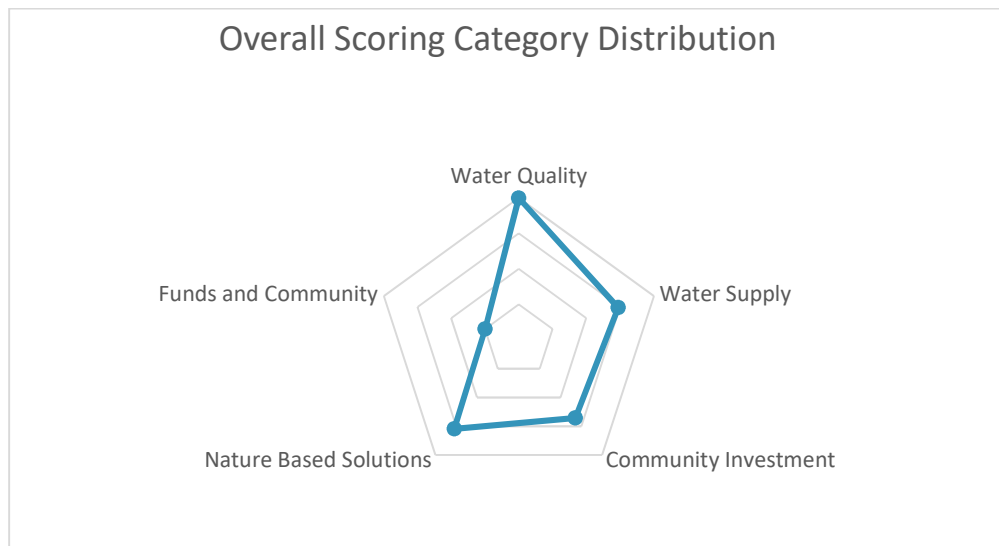


3.2.2 Project Benefits

Compliant with LACFCD Code Ch18.04.E

The scoring committee evaluated the benefits 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 Infrastructure Program Projects included in the recommended SIP.



Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



3.2.3 MS4 Compliance

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

Below is an overview of the water quality data for the Infrastructure Program Projects included in the recommended SIP.

Project Name	Project Type	BMP Type	Total Capture Area (acres)	24hr Capacity (ac-ft)	Approved WQ Plan
Adventure Park Multi Benefit Stormwater Capture Project	Dry	Diversion to Sanitary Sewer	6900	0	IRWMP, USGR EWMP
Bolivar Park	Wet	Infiltration Facility	3018	16.74	LCC WMP
Caruthers Park	Dry	Infiltration Facility	3256	0	LSGR WMP, LCC WMP, IRWMP
El Dorado Regional Project	Wet	Treatment Facility	2924	29.75	IRWMP, LSGR WMP
Hermosillo Park	Wet	Infiltration Facility	2580	84.93	IRWMP, LSGR WMP
Mayfair Park	Dry	Treatment Facility	2301	0	LCC WMP
Skylinks Golf Course at Wardlow Stormwater Capture Project	Wet	Treatment Facility	1655	22.26	IRWMP, LCC WMP

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



Project Name	Primary Pollutant	Primary Pollutant Reduction	Secondary Pollutant	Secondary Pollutant Reduction
Adventure Park Multi Benefit Stormwater Capture Project	0	0%	0	0%
Bolivar Park	Total Zinc	99%	Bacteria	80%
Caruthers Park	0	0%	0	0%
El Dorado Regional Project	Total Zinc	91%	Bacteria	96%
Hermosillo Park	Total Zinc	100%	Bacteria	100%
Mayfair Park	0	0%	0	0%
Skylinks Golf Course at Wardlow Stormwater Capture Project	Total Zinc	90%	Bacteria	98%

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.

DAC Ratio*	20%
Required Funding for DACs FY 20-25 (110%)	\$11,097,659.10

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

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



Below is an overview of Infrastructure Program Projects that provide DAC benefits.

Refer to Attachment C for a summary DAC benefits.

Project Name	DAC Benefit	Total SCW Funding Allocated FY20-25	Total SCW Funds Benefitting DAC FY20-25
Adventure Park Multi Benefit Stormwater Capture Project	Yes	\$13,500,000.00	\$13,500,000.00
Bolivar Park	Yes	\$1,265,900.00	\$1,265,900.00
Caruthers Park	Yes	\$855,000.00	\$855,000.00
El Dorado Regional Project	Yes	\$3,000,000.00	\$3,000,000.00
Hermosillo Park	Yes	\$20,110,000.00	\$20,110,000.00
Mayfair Park	Yes	\$1,266,125.00	\$1,266,125.00
Skylinks Golf Course at Wardlow Stormwater Capture Project	No	\$10,446,880.00	\$0.00
Grand Total		\$50,443,905.00	\$39,997,025.00
% of funded Projects benefitting DAC(s)			79%

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.

3.2.5 Municipality Benefits

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

Recommended Projects to date are distributed throughout the Watershed Area in order to help ensure compliance with this rolling 5-year criterion in future years.

Below is a summary of the Municipality in which each Project included in the SIP is located and any other municipality benefits.

Project Name	Municipality in which the Project is located	Other Municipalities Receiving Benefits
Adventure Park Multi Benefit Stormwater Capture Project	Unincorporated	
Bolivar Park	Lakewood	
Caruthers Park	Bellflower	Paramount, Long Beach, Downey
El Dorado Regional Project	Long Beach	Lakewood
Hermosillo Park	Norwalk	
Mayfair Park	Lakewood	Santa Fe Springs

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



Skylinks Golf Course at Wardlow
Stormwater Capture Project

Long Beach

Bellflower, Paramount,
Downey

3.2.6 Project Types and Sizes

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

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

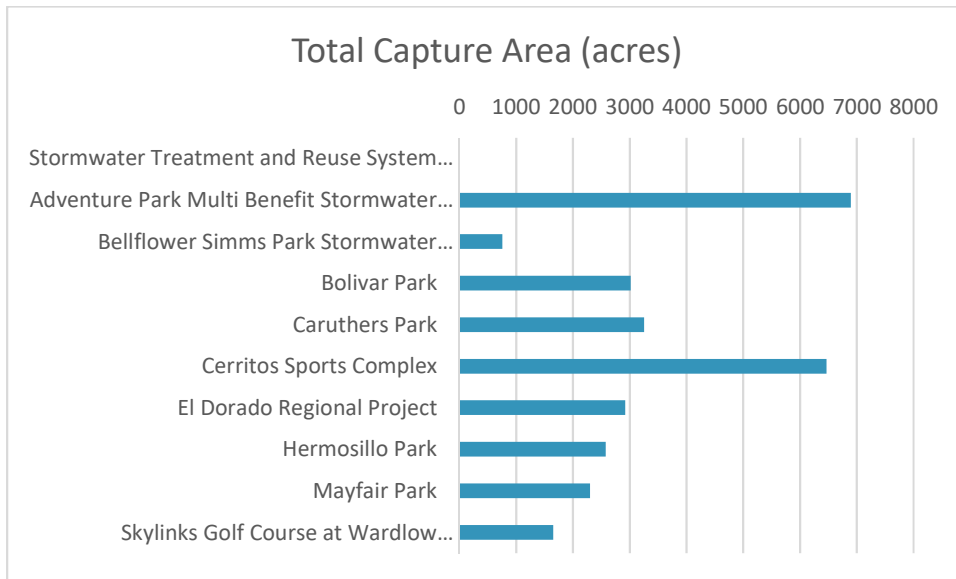
Below is a summary of project types and a graph of the total capture area in acres for the Infrastructure Program Projects included in the recommended SIP.

Project Name	Project Type	EWMP Type	BMP Type
Adventure Park Multi Benefit Stormwater Capture Project	Dry	Green Street	Diversion to Sanitary Sewer
Bolivar Park	Wet	Regional Project	Infiltration Facility
Caruthers Park	Dry	Regional Project	Infiltration Facility
El Dorado Regional Project	Wet	Regional Project	Treatment Facility
Hermosillo Park	Wet	Regional Project	Infiltration Facility
Mayfair Park	Dry	Regional Project	Treatment Facility
Skylinks Golf Course at Wardlow Stormwater Capture Project	Wet	Regional Project	Treatment Facility

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



ATTACHMENT A

3.2.7 Nature-Based Solutions

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

Below is a summary of Projects included in the SIP that implement Nature-Based Solutions (NBS).

Project Name	NBS Natural Processes	NBS Natural Materials	NBS Methods					
			Vegetation/ Green Space	Increase of Permeability	Protection of Undeveloped Mountains & Floodplains	Creation & Restoration of Riparian Habitat & Wetlands	New Landscape Elements	Enhancement of Soil
Adventure Park Multi Benefit Stormwater Capture Project	Yes	Yes	Yes				Yes	
Bolivar Park	No	Yes						
Caruthers Park	Yes	Yes						
El Dorado Regional Project	Yes	Yes	Yes			Yes	Yes	
Hermosillo Park	Yes	Yes	Yes	Yes				
Mayfair Park	Yes	Yes						
Skylinks Golf Course at Wardlow Stormwater Capture Project	Yes	Yes	Yes				Yes	

NBS Natural Processes: 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.

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

Public comment letters were received that emphasize that Projects which include Nature-Based Solutions are to be prioritized when programming future SIPs.

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



3.2.8 Leveraged Funds and Community Support

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

Project Name	Total Leveraged Funds	Total SCW Funding Allocated FY20-25	Community Support Letter(s) Received
Adventure Park Multi Benefit Stormwater Capture Project	\$15,000,000.00	\$13,500,000.00	No
Bolivar Park	\$0.00	\$1,265,900.00	No
Caruthers Park	\$0.00	\$855,000.00	No
El Dorado Regional Project	\$100,000.00	\$3,000,000.00	No
Hermosillo Park	\$0.00	\$20,110,000.00	Yes
Mayfair Park	\$0.00	\$1,266,125.00	No
Skylinks Golf Course at Wardlow Stormwater Capture Project	\$0.00	\$10,446,880.00	Yes
Grand Total	\$15,100,000.00	\$50,443,905.00	

3.2.9 Other Considerations

Not applicable.

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

No Project Concepts were submitted into the Technical Resources Program in this Watershed Area.

A placeholder to fund one Watershed Coordinator for up to \$200k/year was included in the recommended SIP. The FY20-21 Watershed Coordinator will receive payment for the portion of the fiscal year for which they are hired.

4.2 Discussion

Not applicable.

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.

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



5.1 Submitted and Recommended Studies

Below is a list of all Projects submitted to the Scientific Studies Program for this Watershed Area. No studies were included in the recommended SIP for this Watershed Area.

Project Name	Project Lead	Total Funding Requested for this WASC	Status
Regional Scientific Study to Support Protection of Human Health through Targeted Reduction of Bacteriological Pollution	Gateway Water Management Authority	\$ 1,148,559.00	Not included in SIP

5.2 Discussion

After careful consideration, the WASC voted to exclude the Scientific Study from the recommended SIP due to lack of information. The applicant was encouraged to resubmit in future funding years with additional clarification of certain technical details, expanded demonstration of stakeholder involvement (performed and planned), further context regarding potential impacts on regulations from the Regional Water Quality Control Board, and any other meaningful modifications basing on input from all commenting WASCs.

6 Next Steps

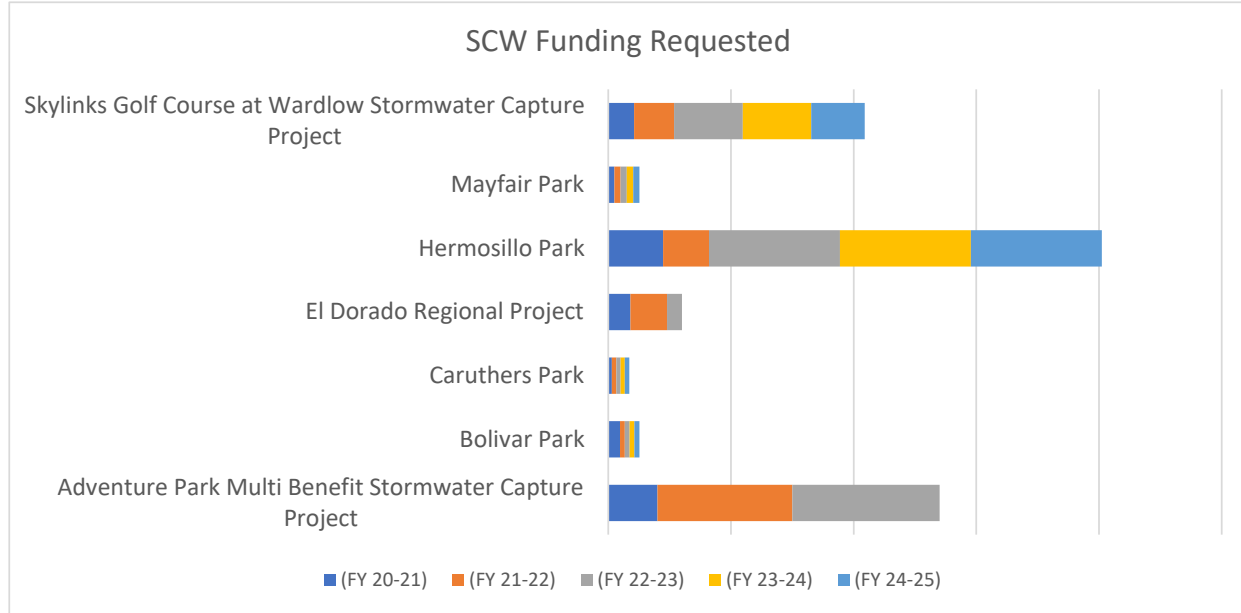
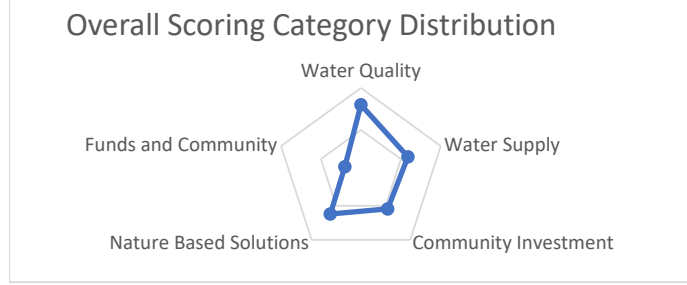
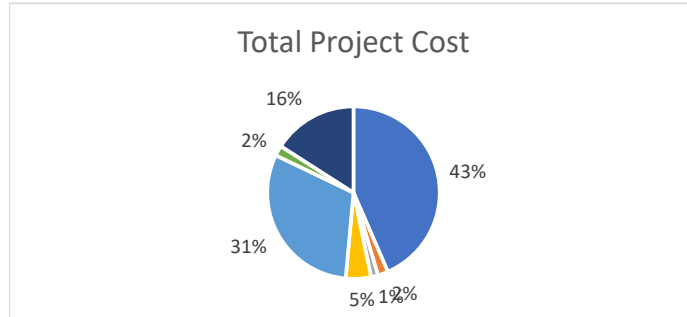
The WASC request the Regional Oversight Committee (ROC) to advance the recommended SIP to the Board of Supervisors for approval.

Next WASC meeting(s):

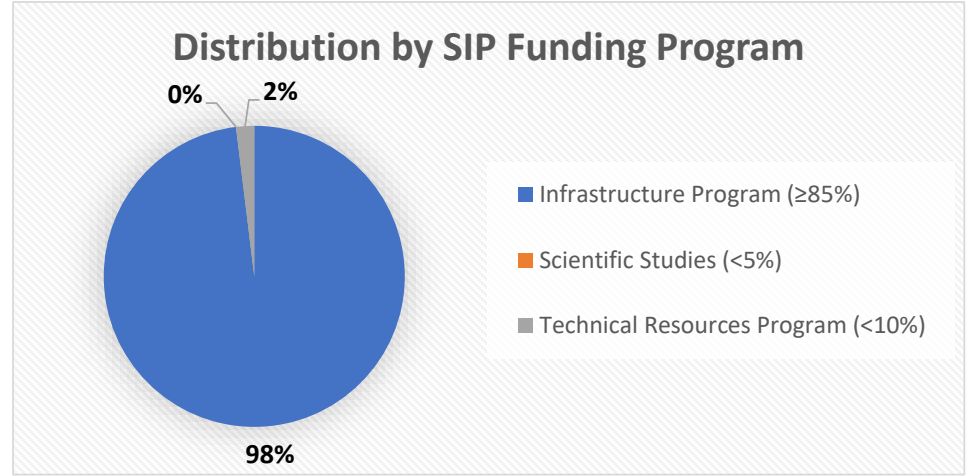
- June 16, 2020 9:00am-11:00am (to consider ROC feedback, if available)

ATTACHMENT A
Final Recommended SIP - Lower San Gabriel River Watershed Area

Project Details



Required DAC Ratio	20%
Required Funding for DACs FY 20-25 (110%)	\$ 11,097,659.10
Funding Allocated for DACs FY 20-25	\$ 39,997,025.00



Stormwater Investment Plan Preview

	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
A. Anticipated Annual Regional Program Funds Collected	\$16.67 M	\$16.67 M	\$16.67 M	\$16.67 M	\$16.67 M		\$83.33 M
B. Anticipated Annual Regional Program Funds Available (A+D)	\$16.67 M	\$26.07 M	\$31.41 M	\$32.51 M	\$40.22 M		
C. Total Allocated in the SIP	\$7.26 M	\$11.33 M	\$15.56 M	\$8.96 M	\$8.33 M	\$0.00 M	\$51.44 M
D. Remaining Balance/Rollover Funds (B-C)	\$9.40 M	\$14.74 M	\$15.85 M	\$23.55 M	\$31.88 M		
E. Percent Allocated (C/B)	44%	43%	50%	28%	21%		62%

Row Labels	DAC	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
Infrastructure Program		\$ 7,060,594.00	\$ 11,126,907.00	\$ 15,361,433.00	\$ 8,761,433.00	\$ 8,133,538.00	\$ -	\$ 50,443,905.00
Adventure Park Multi Benefit Stormwa	Yes	\$ 2,000,000.00	\$ 5,500,000.00	\$ 6,000,000.00	\$ -	\$ -	\$ -	\$ 13,500,000.00
Bolivar Park	Yes	\$ 473,000.00	\$ 198,225.00	\$ 198,225.00	\$ 198,225.00	\$ 198,225.00	\$ -	\$ 1,265,900.00
Caruthers Park	Yes	\$ 147,000.00	\$ 177,000.00	\$ 177,000.00	\$ 177,000.00	\$ 177,000.00	\$ -	\$ 855,000.00
El Dorado Regional Project	Yes	\$ 900,000.00	\$ 1,500,000.00	\$ 600,000.00	\$ -	\$ -	\$ -	\$ 3,000,000.00
Hermosillo Park	Yes	\$ 2,240,000.00	\$ 1,860,000.00	\$ 5,340,000.00	\$ 5,340,000.00	\$ 5,330,000.00	\$ -	\$ 20,110,000.00
Mayfair Park	Yes	\$ 253,225.00	\$ 253,225.00	\$ 253,225.00	\$ 253,225.00	\$ 253,225.00	\$ -	\$ 1,266,125.00
Skylinks Golf Course at Wardlow Storm	No	\$ 1,047,369.00	\$ 1,638,457.00	\$ 2,792,983.00	\$ 2,792,983.00	\$ 2,175,088.00	\$ -	\$ 10,446,880.00
Technical Resources Program		\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Watershed Coordinator #1	(blank)	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Grand Total		\$ 7,260,594.00	\$ 11,326,907.00	\$ 15,561,433.00	\$ 8,961,433.00	\$ 8,333,538.00	\$ -	\$ 51,443,905.00

ATTACHMENT A
List of WASC Members

Lower San Gabriel River						
Member Type	SD	Position	Member	Affiliation	Alternate	Alt-Affiliation
Agency		FCD	Julian Juarez	FCD	Carolina Hernandez	FCD
Agency		Water Agency	Tammy Hierlihy	Central Basin		
Agency		Groundwater / Water Agency 2	Diane Gatza	Water Replenishment District	Lyndsey Bloxom	Water Replenishment District
Agency		Sanitation	Kristen Ruffell	Sanitation Districts	Mike Sullivan	Sanitation Districts
Agency		Open Space	Stephen Scott	City of Long Beach Parks and Recreation	Meredith Reynolds	City of Long Beach, Parks, Recreation and Marine Department
Community Stakeholder	4	At Large	Dan Knapp	Conservation Corps of Long Beach	Kayla Slatten	Conservation Corps of Long Beach
Community Stakeholder	4	At Large	Adam Galia	Resident	Thalia Campos	Center for Asian Americans United for Self Empowerment
Community Stakeholder	4	Environment	Mark Stanley	Rivers Mountains Conservancy	Joseph Gonzalez	Rivers Mountains Conservancy
Community Stakeholder	4	Business				
Community Stakeholder	4	EJ				
Municipal Members			Mike O'Grady	Cerritos	Rebecca Scott	Cerritos
Municipal Members			Delfino Consunji	Downey	Dan Mueller	Downey
Municipal Members			<u>Lisa Ann Rapp</u>	Lakewood	Konya Vivanti	Lakewood
Municipal Members			Melissa You	Long Beach	Alvin Papa	Long Beach
Municipal Members			Bernie Iniguez	City of Bellflower	Glen Kau	City of Norwlk
Municipal Members			Noe Negrete	Santa Fe Springs	Marlin Munoz	La Mirada
Municipal Members			Vicki Smith	Whittier	Kyle Cason	Whittier

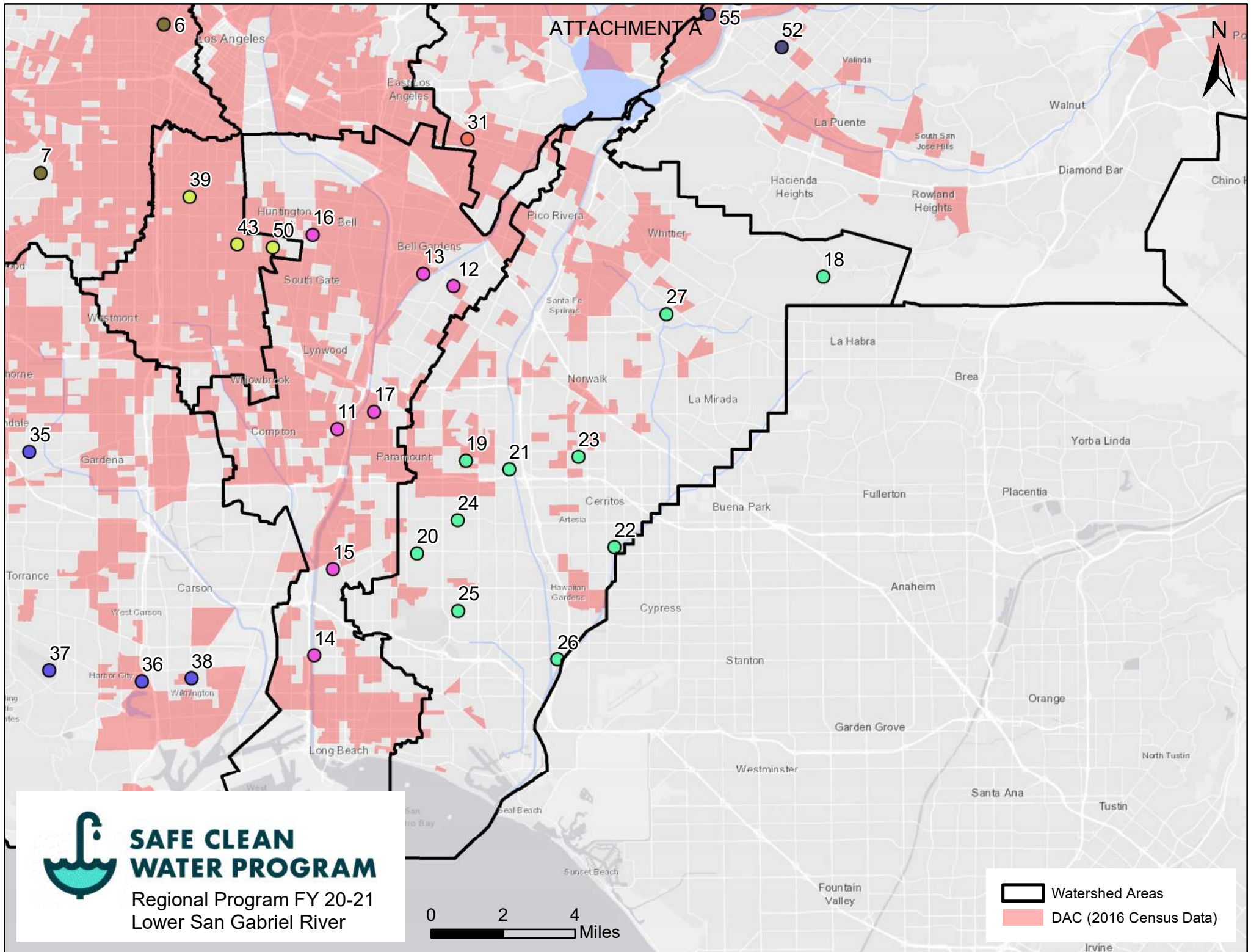


**Attachment C
Summary of DAC Benefits**

SCW.ID	Watershed Area	Project Name	Municipality	Distance From DAC*	DAC Benefit Claimed	Justification of DAC Benefits Provided by the Applicant
27	Lower San Gabriel River	Adventure Park Multi Benefit Stormwater Capture Project	Unincorporated	<0.5 mile	Yes	Located ¼ mile from a DAC, there are seven schools within a mile from the Park including Mulberry Elementary School (DAC), Laurel Elementary School (DAC), California High School, Howard J. Mckibben Elementary School, Carmela School, Lake Marie Elementary School, St. Paul High School. Children attend afterschool program and summer day camps at Adventure Park, and the community will have a rehabilitated baseball field, new exercise equipment and walking path. Community investment benefits include enhanced educational, recreational and wellness experiences.
20	Lower San Gabriel River	Bolivar Park	Lakewood	<1 mile	Yes	Ongoing maintenance will benefit the DAC and other communities by ensuring that the park will be kept in viable condition, primarily through the use of treated runoff for irrigation.
21	Lower San Gabriel River	Caruthers Park	Bellflower	<0.5 mile	Yes	DACs are interspersed throughout the proposed project's drainage area (see the attached DAC map). This project will enhance the existing park and provide multi-benefits to the surrounding communities. The design will follow LA County anti-displacement avoidance measures to ensure local community development.
26	Lower San Gabriel River	El Dorado Regional Project	Long Beach		Yes	El Dorado Regional Park serves the the greater community, offering recreational amenities and open space. The park also serves DAC, the nearest of which is located northeast of the park according to the DAC Mapping Tool (https://gis.water.ca.gov/app/dacs/). This DAC is considered a Severely Disadvantage Community (MHI<\$38,270). The project will provide stormwater capture and treatment while adding to local natural amenities and plans for the area. The park space will be significantly enhanced with the construction of the treatment wetland system, and the pathways between the ponds will provide new recreational opportunities. Ultimately, the multiple benefits of the project will be shared with the community. Additionally, the design will comply with all LA County anti-displacement avoidance measures to ensure local community development.
23	Lower San Gabriel River	Hermosillo Park	Norwalk	<0.5 mile	Yes	DACs are interspersed throughout the proposed project's drainage area (map attached). This project will enhance the existing park and provide multi-benefits, including greater recreational opportunities and reduced heat island effect, to the surrounding communities. The design will follow LA County anti-displacement avoidance measures to ensure local community development.
24	Lower San Gabriel River	Mayfair Park	Lakewood	<1 mile	Yes	This project will allow the park to continue to provide open, grassy, and shaded areas for the public. Several DACs are within the tributary area. Reclaim runoff will provide irrigation for the park. Construction was designed to minimize displacement of trees.
25	Lower San Gabriel River	Skylinks Golf Course at Wardlow Stormwater Capture Project	Long Beach	<1 mile	No	

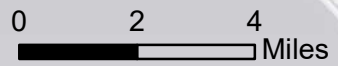
*Calculated based on the latitude and longitude provided by the Project applicant relative to the 2016 Disadvantaged Community Census Block Group

ATTACHMENT A



SAFE CLEAN WATER PROGRAM

Regional Program FY 20-21
Lower San Gabriel River



- Watershed Areas
- DAC (2016 Census Data)



ATTACHMENT D
Infrastructure Program Projects

Map Location	Watershed Area	Project Name	Project Lead	Project Type	BMP Type	Approved WQ Plan	Municipality	DAC	Final Score **						Status
									Water Quality	Water Supply	CIB	NBS	Leveraging Funds	TOTAL	
20	Lower San Gabriel River	Bolivar Park	City of Lakewood	Wet	Infiltration Facility	LCC WMP	Lakewood	Yes	40	22	3	0	0	65	Included in SIP
21	Lower San Gabriel River	Caruthers Park	City of Bellflower	Dry	Infiltration Facility	LSGR WMP, LCC WMP, IRWMP	Bellflower	Yes	40	15	5	10	0	70	Included in SIP
23	Lower San Gabriel River	Hermosillo Park	City of Norwalk	Wet	Infiltration Facility	IRWMP, LSGR WMP	Norwalk	Yes	40	25	5	10	4	84	Included in SIP
24	Lower San Gabriel River	Mayfair Park	City of Lakewood	Dry	Treatment Facility	LCC WMP	Lakewood	Yes	40	12	5	15	0	72	Included in SIP
25	Lower San Gabriel River	Skylinks Golf Course at Wardlow Stormwater Capture Project	City of Long Beach	Wet	Treatment Facility	IRWMP, LCC WMP	Long Beach	No	40	12	10	10	4	76	Included in SIP
26	Lower San Gabriel River	El Dorado Regional Project	City of Long Beach	Wet	Treatment Facility	IRWMP, LSGR WMP	Long Beach	Yes	40	12	5	10	0	67	Included in SIP
27	Lower San Gabriel River	Adventure Park Multi Benefit Stormwater Capture Project	Los Angeles County Public Works	Dry	Diversion to Sanitary Sewer	IRWMP, USGR EWMP	Unincorporated	Yes	40	5	5	10	6	66	Included in SIP
Total															7

**Refer to the Fesibility Study Guidelines for a description of the Scoring Criteria.

Water Quality: Water Quality Benefits (50 points max)

Water Supply: Significant Water Supply Benefits (25 points max)

CIB: Community Investment Benefit (10 points max)

NBS: Nature-Based Solutions (15 points max)

Leveraging Funds: Leveraging Funds and Community Support (10 points max)

TOTAL: Total Score (110 points max)