

Safe, Clean Water Program

Fiscal Year 2020-2021

REVISED Stormwater Investment Plan



Upper San Gabriel River Watershed Area

Note: All tables and figures have been updated and all new/revised text is denoted in **bold**.

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:

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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
- Attachment E – Additional details for Technical Resources Projects
- Attachment F – Additional details for Scientific Studies
- **Attachment G – Summary table re: ROC feedback for WASC reference at 7/6 meeting**

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

Check one	Date	Description
<input type="checkbox"/>		Regional Oversight Committee (ROC) concurs with the recommended SIP as revised.
<input type="checkbox"/>		Regional Oversight Committee (ROC) does not concur with the recommended SIP as revised. Refer to ROC meeting minutes for comments.

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1 Summary of Stormwater Investment Plan Recommendations

The Upper San Gabriel River Watershed Area generates up to \$18.91M of anticipated annual Regional Program funds.

For Fiscal Year 2020-2021 (FY20-21), 7 Infrastructure Program Project applications, 4 Technical Resources Program Projects, and 2 Scientific Studies were submitted for consideration.

On June 1, 2020, the WASC voted to approve construction funds for one Infrastructure Program Project and only design and planning funds for all other Infrastructure Program Projects into the recommended 5-year SIP, and to allocate the remaining \$85.53M of construction funds in “future funding” years.

On June 18, 2020, the ROC voted to return the USGR SIP to the WASC recommending three considerations: prioritization of projects based on scoring by Scoring Committee and preliminary rankings by WASC members, assurance that funding is not overcommitted over the current 5-year period, and additional investigation into project-specific community engagement.

On July 6, 2020, the WASC considered all feedback provided by the ROC (see Attachment G). Following additional discussion of the Watershed Area needs, the importance of community engagement, the infrastructure project scores, and the committee’s preliminary rankings, the WASC ultimately voted to program the full requests (vs defer future funding beyond the first 5 years) for 6 (of 7) Infrastructure Program Projects, 3 (of 4) Technical Resources Program Projects, 1 (of 2) Scientific Study, and 1 Watershed Coordinator into the revised SIP in response to the ROC’s recommendations.

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

Funding Program	(FY 20-21) Budget	(FY 21-22) Projection	(FY 22-23) Projection	(FY 23-24) Projection	(FY 24-25) Projection	Future Funding	TOTAL
Infrastructure Program (≥85%)	\$9.73 M	\$10.59 M	\$23.81 M	\$20.18 M	\$15.11 M	\$0.00 M	\$79.42 M
Technical Resources Program (<10%)	\$1.10 M	\$0.20 M	\$0.20 M	\$0.20 M	\$0.20 M	\$0.00 M	\$1.90 M
Scientific Studies Program (<5%)	\$0.39 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.39 M
Grand Total	\$11.22 M	\$10.79 M	\$24.01 M	\$20.38 M	\$15.31 M	\$0.00 M	\$81.71 M
Percent Allocated*	59%	41%	69%	69%	54%		86%

*Includes any roll-over from prior years

Refer to Attachment A for the Final revised SIP.

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2 Summary of Meetings and Process

Refer to Attachment B for the list of WASC members.

2.1 Meeting Dates

- October 22, 2019
- December 9, 2019
- January 13, 2020
- January 30, 2020
- February 10, 2020
- February 24, 2020
- March 17, 2020 – Canceled
- March 31, 2020 – Canceled
- May 4, 2020 – held virtually
- May 18, 2020 – held virtually
- June 1, 2020 – held virtually
- **July 6, 2020 – held virtually**

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.

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2.5 Preliminary Ranking

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

Program	Project Name	# of Votes	Score	Program Place
IP	Bassett High School Stormwater Capture M	12	77	1
IP	Barnes Park Project	11	54	2
IP	Garvey Avenue Grade Separation Drainage	10	44	3
IP	Wingate Park Regional EWMP Project	9	41	4
IP	Encanto Park Stormwater Capture Project	9	35	5
IP	Pedley Spreading Grounds	8	22	6
IP	Finkbiner Park Multi-Benefit Stormwater	7		
SS	San Gabriel Valley Regional Confirmation	9	18	1
SS	Regional Scientific Study to Support Pro	5		
TRP	MaClaren Hall Property Park and Sports F	11	40	1
TRP	Fairplex Regional Stormwater Project	13	35	2
TRP	Glendora Avenue Green Street Feasibility	11	25	3
TRP	Brackett Field Stormwater Infiltration	9	22	4

Members were invited to prioritize all the Projects they preliminary thought should be funded. For example, there were 7 projects under consideration in the Infrastructure Program, the member's top-ranked projects received 7 points, and each subsequent project received one less point. Projects that received less than a majority of rankings did not receive a score. All committee member rankings were then aggregated to determine the WASC's overall preliminary rankings for each project.

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

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The WASC discussed all available information and received public comments before voting to approve Projects and annual funding allocations into the 6/1 recommended SIP

2.7 ROC Review

The ROC met in June to determine whether, and the extent to, the SIP achieved the Safe, Clean Water (SCW) Program Goals. Before providing recommendations to the Board, the ROC shall provide its findings and recommendations on each SIP to the respective WASCs. The ROC does not have line item veto power, but the WASCs will consider the findings and recommendations from the ROC as guidance to potentially enhance future SIPs and/or revise current SIPs prior to Board consideration.

The intent of the SCW Program's governance structure is to balance the needs of the region and therefore relies on each committee member's individual experience and expertise as well as strong coordination and collaboration. Feedback, deliberation, and compromise are essential to the success of the Program.

The WASC discussed the ROC feedback, all available information, and received public comments before voting to approve Projects and annual funding allocations in the revised SIP. The WASC prioritized projects based on preliminary rankings by the WASCs and approved a revised SIP that did not overcommit funds over the current 5-year period.

2.8 Summary of Public Comment

The WASC received public comments which are available in the WASC meeting minutes on the [Safe, Clean Water website](#). Below is a summary of the public input received contrary to the recommended SIP from June 1, 2020.

- Community members expressed their concern with the approach for the proposed SIP for the following reasons:
 - The possibility that Projects that receive design funds may not receive construction funds and may result in poor stewardship of public funds.
 - The likelihood to severely limit future project applicants and project applicants in the current TRP program to secure SCW funds through the Infrastructure Program in later rounds.
 - The scores, rankings, and merit of each project was not considered.
 - Projects that provide many valuable benefits may be delayed.
- OurWaterLA and Nature4All amended their support of the Bassett High School Stormwater Capture project to be contingent on an agreement between the landowner, community, and the County and that the project objectives can be achieved as presented.

During the June 18 ROC meeting, there was substantial public comment both for and against the SIP as proposed on June 1. The ROC ultimately voted to return the SIP to the USGR WASC for reconsideration (see 6/18/20 meeting minutes). Additional public comment was welcomed at the additional meeting of the WASC. The WASC did not receive any strong public input contrary to the revised SIP from July 6, 2020.

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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. The Infrastructure Program Projects shown below in blue were included in the **revised** SIP. See Table in Section 3.2.8 for details on any leveraged funds.

Refer to Attachment D and the Project Applications for additional details. All Projects included in the revised SIP are expected to request additional funding for operations and maintenance for a minimum useful life of 30 years and monitoring for 3-years post-construction.

Project Name	Project Lead	Status	Total SCW Funding Requested	Total Capital Cost	Current Phase
Barnes Park	City of Baldwin Park	Included in SIP	\$14,735,690.00	\$17,318,419.00	Planning & Design
Bassett High School Stormwater Capture Multi-Benefit Project	Los Angeles County	Included in SIP	\$31,200,000.00	\$62,400,000.00	Planning & Design
Encanto Park Stormwater Capture Project	City of Monrovia	Included in SIP	\$2,482,248.00	\$2,482,248.00	Planning & Design
Finkbiner Park Multi-Benefit Stormwater Capture Project	City of Glendora	Not included in SIP	\$25,000,000.00	\$25,518,548.00	Planning & Design
Garvey Avenue Grade Separation Drainage Improvement Project	City of El Monte	Included in SIP	\$4,000,000.00	\$4,100,000.00	Construction
Pedley Spreading Grounds	East San Gabriel Valley Watershed Management Group	Included in SIP	\$2,825,900.00	\$2,825,900.00	Planning & Design
Wingate Park Regional EWMP Project	City of Covina	Included in SIP	\$24,177,675.00	\$25,106,815.00	Planning & Design

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3.2 Discussion of Criteria

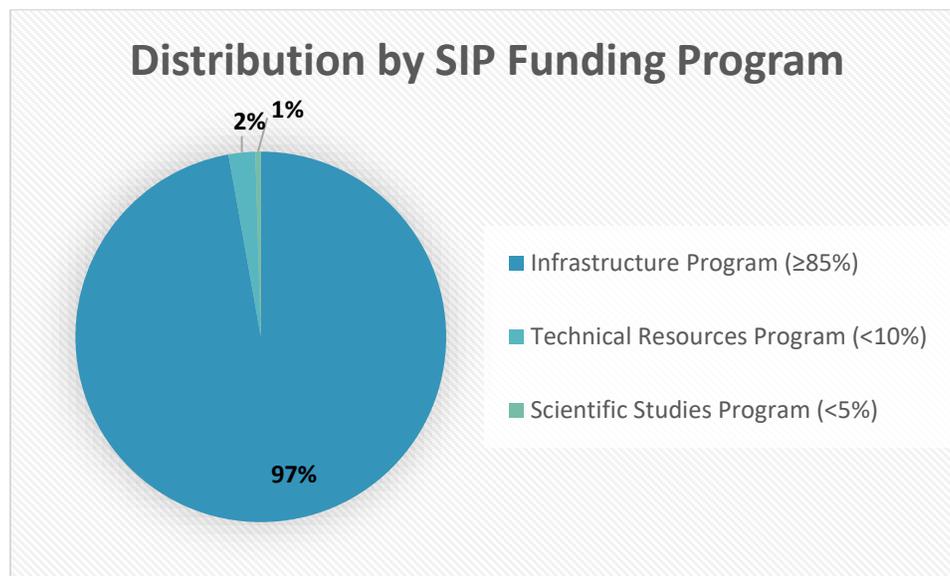
Per LACFCD Code Ch18.07.B.2, the SIPs shall be developed by the WASC in accordance with the criteria described below.

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%)	\$79,421,513.00	97%
Technical Resources Program (<10%)	\$1,900,000.00	2%
Scientific Studies Program (<5%)	\$385,000.00	0%
Grand Total	\$81,706,513.00	



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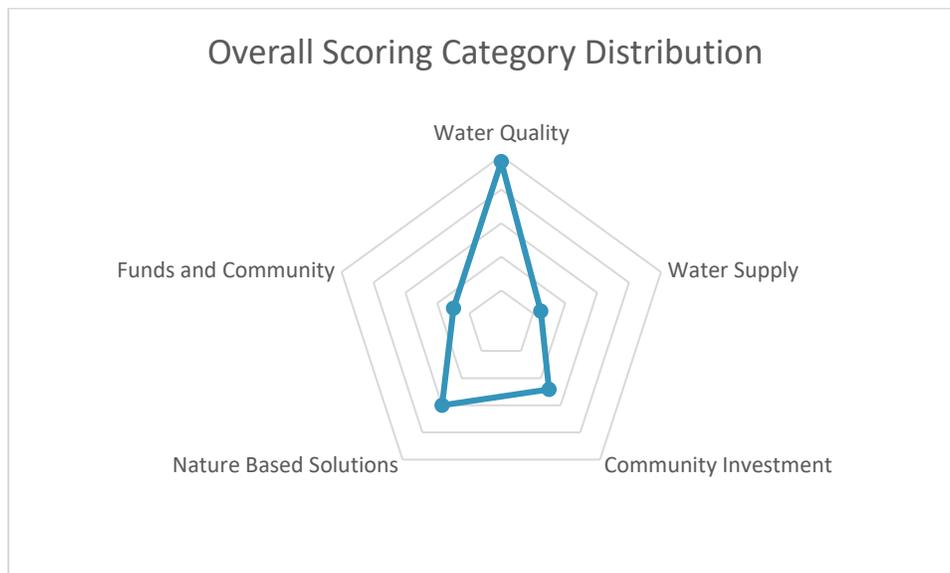


3.2.2 Project Benefits

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 SIP.



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3.2.3 MS4 Compliance

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

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

Project Name	Project Type	BMP Type	Total Capture Area (acres)	24hr Capacity (ac-ft)	Approved WQ Plan
Barnes Park	Wet	Treatment Facility	440	34	USGR EWMP, IRWMP
Bassett High School Stormwater Capture Multi-Benefit Project	Wet	Infiltration Facility	1146	82.32	USGR EWMP
Encanto Park Stormwater Capture Project	Wet	Treatment Facility	189	2.15	RH/SGR rWMP
Garvey Avenue Grade Separation Drainage Improvement Project	Wet	Infiltration Facility	78	6.65	IRWMP
Pedley Spreading Grounds	Wet	Infiltration Facility	46	41.76	ESGV WMP
Wingate Park Regional EWMP Project	Wet	Treatment Facility	1100	18.2	USGR EWMP, IRWMP

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Project Name	Primary Pollutant	Primary Pollutant Reduction	Secondary Pollutant	Secondary Pollutant Reduction
Barnes Park	Total Zinc	100%	Bacteria	100%
Bassett High School Stormwater Capture Multi-Benefit Project	Total Zinc	97%	Total Copper	95%
Encanto Park Stormwater Capture Project	Total Zinc	100%	Bacteria	100%
Garvey Avenue Grade Separation Drainage Improvement Project	Total Zinc	100%	Bacteria	86%
Pedley Spreading Grounds	Total Copper	100%	Total Zinc	100%
Wingate Park Regional EWMP Project	Total Zinc	100%	Bacteria	100%

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*	22%
Required Funding for DACs FY 20-25 (110%)	\$19,220,006.15

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

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

Refer to Attachment C for a summary DAC Benefits.

Project Name	DAC	Total SCW Funding Allocated FY20-25	Total SCW Funding benefitting DAC FY20-25
Barnes Park	Yes	\$14,735,690.00	\$14,735,690.00
Bassett High School Stormwater Capture Multi-Benefit Project	Yes	\$31,200,000.00	\$31,200,000.00
Encanto Park Stormwater Capture Project	Yes	\$2,482,248.00	\$2,482,248.00
Garvey Avenue Grade Separation Drainage Improvement Project	Yes	\$4,000,000.00	\$4,000,000.00
Pedley Spreading Grounds	No	\$2,825,900.00	\$0.00
Wingate Park Regional EWMP Project	Yes	\$24,177,675.00	\$24,177,675.00
Grand Total		\$79,421,513.00	\$76,595,613.00
% of funded Projects benefitting DAC(s)			96%

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

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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 Municipalities receiving benefits from the Project.

Project Name	Municipality in which the Project is located	Other Municipalities Receiving Benefits
Barnes Park	Baldwin Park	Industry, Covina, El Monte, Glendora, La Puente, West Covina, Los Angeles County
Bassett High School Stormwater Capture Multi-Benefit Project	La Puente	Baldwin Park, Industry, West Covina, Unincorporated County
Encanto Park Stormwater Capture Project	Duarte	Azusa
Garvey Avenue Grade Separation Drainage Improvement Project	El Monte	
Pedley Spreading Grounds	Claremont	San Dimas, Pomona, La Verne, Upland
Wingate Park Regional EWMP Project	Covina	Unincorporated County, Glendora, San Dimas

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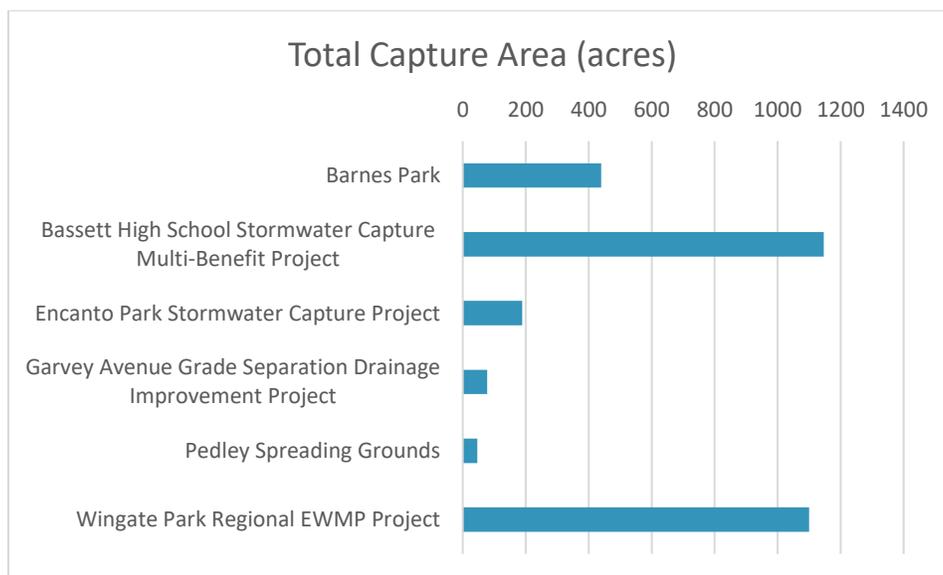
3.2.6 Project Types and Sizes

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 SIP.

Project Name	Project Type	EWMP Type	BMP Type
Barnes Park	Wet	Regional Project	Treatment Facility
Bassett High School Stormwater Capture Multi-Benefit Project	Wet	Regional Project	Infiltration Facility
Encanto Park Stormwater Capture Project	Wet	Regional Project	Treatment Facility
Garvey Avenue Grade Separation Drainage Improvement Project	Wet	Other	Infiltration Facility
Pedley Spreading Grounds	Wet	Other	Infiltration Facility
Wingate Park Regional EWMP Project	Wet	Regional Project	Treatment Facility



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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 Nature 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
Barnes Park	Yes	Yes	Yes				Yes	
Bassett High School Stormwater Capture Multi-Benefit Project	Yes	Yes	Yes				Yes	
Encanto Park Stormwater Capture Project	No	No	Yes	Yes			Yes	
Garvey Avenue Grade Separation Drainage Improvement Project	Yes	No						
Pedley Spreading Grounds	Yes	No						
Wingate Park Regional EWMP Project	Yes	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.

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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	Status of Leveraged Funds	Total SCW Funding Requested	Total Leveraged Funds
Barnes Park	Pending	\$14,735,690.00	\$2,582,729.00
Bassett High School Stormwater Capture Multi-Benefit Project	Pending	\$31,200,000.00	\$31,200,000.00
Encanto Park Stormwater Capture Project	None	\$2,482,248.00	\$0.00
Garvey Avenue Grade Separation Drainage Improvement Project	Pending	\$4,000,000.00	\$500,000.00
Pedley Spreading Grounds	None	\$2,825,900.00	\$0.00
Wingate Park Regional EWMP Project	Pending	\$24,177,675.00	\$929,140.00
Grand Total		\$104,421,513.00	\$35,730,417.00

Project Name	Community Support Letter(s) Received	Prior Community Engagement
Barnes Park	No	6 outreach events
Bassett High School Stormwater Capture Multi-Benefit Project	Yes	8+ outreach events
Encanto Park Stormwater Capture Project	No	numerous outreach events
Garvey Avenue Grade Separation Drainage Improvement Project	Yes	N/A
Pedley Spreading Grounds	Yes	1 outreach event
Wingate Park Regional EWMP Project	No	TBD

To help ensure the revised SIP demonstrates strong local, community support, the WASC reviewed and discussed the level of community engagement to date for Projects included in the SIP, such as past community outreach and support from local non-government organizations and community-based organizations.

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3.2.9 Other Considerations

The SIP from June 1, 2020 was different from other WASCs in that design for all proposals is included, deferring prioritization and related decisions to a later date and potentially impacting capacity for projects yet to be submitted in future calls for projects. Their justification:

- Allows applicants to conduct additional outreach and prepare more detailed designs. WASC will be better informed when deliberating construction funding.
- Allows more collaboration with Watershed Coordinators, which are not currently in place.
- Allows applicants additional time to pursue other sources of construction funding, potentially reducing demand for Regional Program funds.
- Allows all applicants that are MS4 permittees to continue demonstrating progress toward EWMP compliance.

On July, 6 2020 the WASC considered the ROC's recommendations as described above and voted to approve a revised SIP that utilizes an approach consistent with ROC feedback and with other WASCs.

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4 Technical Resources Program

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

4.1 Submitted and Recommended Project Concepts

Below is a list of all Project concepts submitted to the Technical Resources Program for this Watershed Area. The Technical Resources Program Projects shown in blue were included in the recommended SIP. Refer to Attachment E and the Project Applications for additional details.

Project Name	Project Lead	Status	Total SCW Funding Requested for this WASC
Brackett Field Stormwater Infiltration Project	East San Gabriel Valley Watershed Management Group (City of San Dimas, City of Claremont, City of Pomona, City of La Verne)	Not included in SIP	\$ 300,000.00
Fairplex Regional Stormwater Project	East San Gabriel Valley Watershed Management Group (City of San Dimas, City of Claremont, City of Pomona, City of La Verne)	Included in SIP	\$ 300,000.00
Glendora Avenue Green Street Feasibility Study	City of Glendora	Included in SIP	\$ 300,000.00
MacLaren Hall Property Park and Sports Fields Project - concept	City of El Monte	Included in SIP	\$ 300,000.00

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

After careful consideration, the WASC voted to include **3** Technical Resources Program Project Concepts and **1** Watershed Coordinators in the recommended SIP. **The WASC felt the benefits provided by Brackett Field Stormwater Infiltration Project were similar to other Project Concepts and funding would be better utilized on the Infrastructure Program, Scientific Studies Program, or future submissions.**

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5 Scientific Studies Program

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

5.1 Submitted and Recommended Studies

Below is a list of all Projects submitted to the Scientific Studies Program for this Watershed Area. The Scientific Studies shown in blue were included in the recommended SIP. Refer to Attachment F and the Project Applications for additional details.

Project Name	Project Lead	Status	Total SCW Funding Requested for this WASC	Total Project Cost
Regional Scientific Study to Support Protection of Human Health through Targeted Reduction of Bacteriological Pollution	Gateway Water Management Authority	Not included in SIP	\$1,299,442.00	\$9,800,000.00
San Gabriel Valley Regional Confirmation of Infiltration Rates	East San Gabriel Valley Watershed Management Group	Included in SIP	\$385,000.00	\$385,000.00

5.2 Discussion

After careful consideration, the WASC voted to exclude the Regional Scientific Study to Support Protection of Human Health through Targeted Reduction of Bacteriological Pollution 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 based on input from all commenting WASCs.

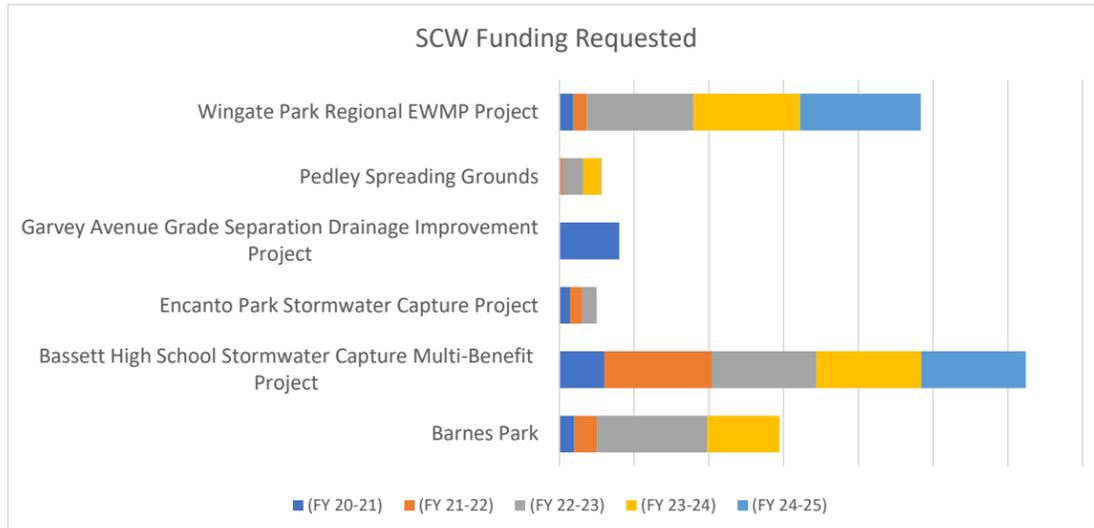
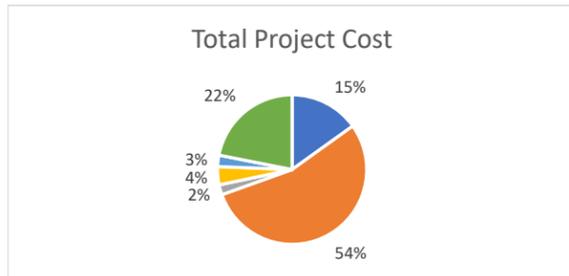
6 Next Steps

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

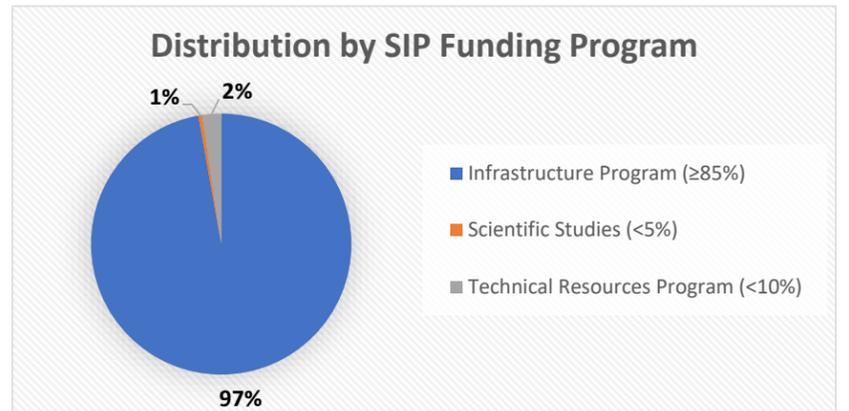
Next WASC meeting(s):

- TBD

Project Details



Required DAC Ratio	22%
Required Funding for DACs FY 20-25 (110%)	\$ 19,220,006.15
Funding Allocated for DACs FY 20-25	\$ 76,595,613.00



Stormwater Investment Plan Preview

	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL (5 yr)
A. Anticipated Annual Regional Program Funds Collected	\$18.91 M		\$94.54 M				
B. Anticipated Annual Regional Program Funds Available (A+D)	\$18.91 M	\$26.60 M	\$34.72 M	\$29.61 M	\$28.14 M		
C. Total Allocated in the SIP	\$11.22 M	\$10.79 M	\$24.01 M	\$20.38 M	\$15.31 M	\$0.00 M	\$81.71 M
D. Remaining Balance/Rollover Funds (B-C)	\$7.69 M	\$15.81 M	\$10.70 M	\$9.24 M	\$12.84 M		
E. Percent Allocated (C/B)	59%	41%	69%	69%	54%		86%

Row Labels	DAC	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
Infrastructure Program		\$ 9,734,762.00	\$ 10,589,423.00	\$ 23,812,652.00	\$ 20,177,894.00	\$ 15,106,782.00	\$ -	\$ 79,421,513.00
Barnes Park	Yes	\$ 1,000,000.00	\$ 1,500,000.00	\$ 7,400,000.00	\$ 4,835,690.00	\$ -	\$ -	\$ 14,735,690.00
Bassett High School Stormwater Capture Project	Yes	\$ 3,000,000.00	\$ 7,200,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ 7,000,000.00	\$ -	\$ 31,200,000.00
Encanto Park Stormwater Capture Project	Yes	\$ 702,860.00	\$ 827,000.00	\$ 952,388.00	\$ -	\$ -	\$ -	\$ 2,482,248.00
Garvey Avenue Grade Separation Drainage Improvement Project	Yes	\$ 4,000,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000.00
Pedley Spreading Grounds	No	\$ 102,760.00	\$ 154,140.00	\$ 1,330,180.00	\$ 1,212,120.00	\$ 26,700.00	\$ -	\$ 2,825,900.00
Wingate Park Regional EWMP Project	Yes	\$ 929,142.00	\$ 908,283.00	\$ 7,130,084.00	\$ 7,130,084.00	\$ 8,080,082.00		\$ 24,177,675.00
Scientific Studies		\$ 385,000.00	\$ -	\$ -			\$ -	\$ 385,000.00
San Gabriel Valley Regional Confirmation		\$ 385,000.00	\$ -	\$ -			\$ -	\$ 385,000.00
Technical Resources Program		\$ 1,100,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 1,900,000.00
Fairplex Regional Stormwater Project		\$ 300,000.00					\$ -	\$ 300,000.00
Glendora Avenue Green Street Feasibility Study		\$ 300,000.00					\$ -	\$ 300,000.00
MacLaren Hall Property Park and Sports Field		\$ 300,000.00					\$ -	\$ 300,000.00
Watershed Coordinator #1		\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 1,000,000.00
Grand Total		\$ 11,219,762.00	\$ 10,789,423.00	\$ 24,012,652.00	\$ 20,377,894.00	\$ 15,306,782.00	\$ -	\$ 81,706,513.00

**Attachment B
List of WASC Members**

Upper San Gabriel River						
Member Type	SD	Position	Member	Affiliation	Alternate	Alt-Affiliation
Agency		FCD	Julian Juarez	FCD	Carolina Hernandez	FCD
Agency		Water Agency	Tom Love	Upper San Gabriel District	Robert O. Tock	Upper San Gabriel District
Agency		Groundwater / Water Agency 2	Kelly Gardner	Main San Gabriel Basin	Tony Zampello	Main San Gabriel Basin Watermaster
Agency		Sanitation	Kristen Ruffell	Sanitation Districts	Martha Tremblay	Sanitation Districts
Agency		Open Space	Alina Bokde	Los Angeles County Parks and Recreation	Sean Woods	Los Angeles County Parks and Recreation
Community Stakeholder	5	At Large	Bob Huff	Huff Strategies		
Community Stakeholder	1	At Large	Bryan Urias	Former USGVMWD Board Member	Brian Villagomez	SGV Habitat For Humanity
Community Stakeholder	4	Environment	Debbie Enos	Watershed Conservation Authority	Jane Tsong	Watershed Conservation Authority
Community Stakeholder	1	Business	Ed Reyes	Ed P. Reyes & Associates	Miguel Luna	Urban Semilla DakeLuna Consultants
Community Stakeholder	1	EJ	David Diaz	Active SGV	Wesley Reutimann	Active SGV
Municipal Members			John Beshay	Baldwin Park	Romany Basilyous	West Covina
Municipal Members			Amanda Hamilton	Duarte	Kevin Kearney	Bradbury
Municipal Members			Alison Sweet	Glendora	Sharon Gallant	Covina
Municipal Members			Joshua Nelson	Industry	John Di Mario	La Puente
Municipal Members			Paul Alva	Los Angeles County	Fernando Villaluna	Los Angeles County
Municipal Members			Julie Carver	Pomona	Fabian Aoun	Diamond Bar
Municipal Members			Lisa O'Brien	La Verne	Shari Garwick	San Dimas



**Attachment C
 Summary of DAC Benefits**

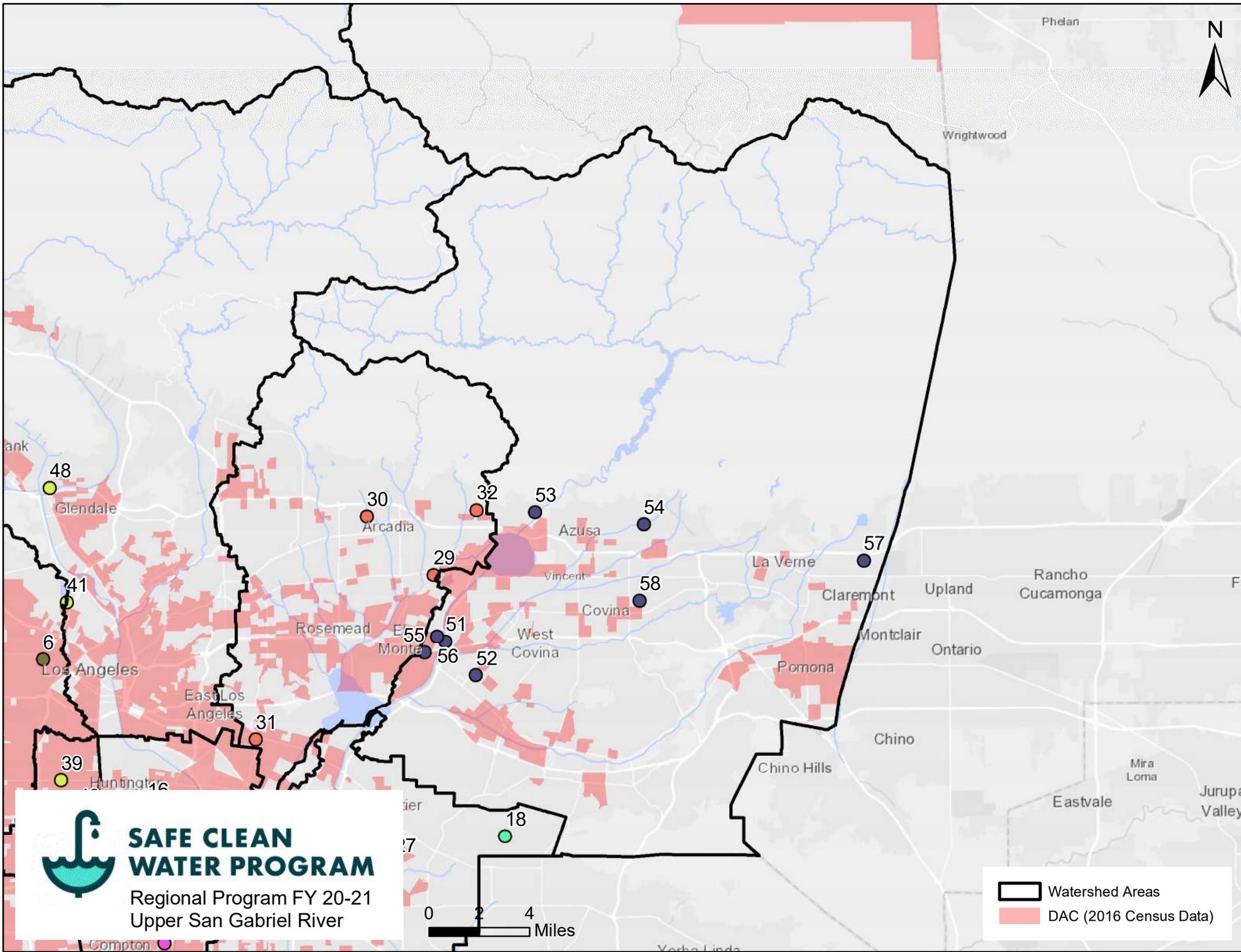
SCW.ID	Watershed Area	Project Name	Municipality	Distance From DAC*	DAC Benefit Claimed	Justification of DAC Benefits Provided by the Applicant
51	Upper San Gabriel River	Barnes Park	Baldwin Park	<0.5 mile	Yes	<p>Disadvantaged Community Service Direct Benefits</p> <p>According to the State of California Office of Hazardous Health Assessment DAC assessment tool, CalEnviroScreen 3.0, the pollution burden in the census tract, where Barnes Park is located, is at the 96th percentile, or more generally among the worst in the State. The rate of toxic releases is also rated in the same range.</p> <p>The project, when completed, will benefit the community of Baldwin Park by providing the following benefits:</p> <ol style="list-style-type: none"> 1. Improving health outcomes in obesity levels due to anticipated increase in biking, walking, and agriculture sustainability projects; 2. Inspiring families/youth/seniors to walk, exercise, and eat healthier in and around resurfaced open space and playing fields with educational amenities. <p>Additionally, the Project will provide the following environmental benefits: Climate Change Adaptation/Greenhouse Gas Reductions</p> <ol style="list-style-type: none"> 1. Protect/restore urban watershed health to improve watershed storage capacity, forest health, protection of life and property, stormwater resource management, and greenhouse gas reduction. 2. Reduced air temperature through urban island heat mitigation from expanded tree plantings, shrubs; 3. Reduce the usage of vehicles to travel to adjacent parks/regional trails. 4. GHG benefit carbon stored in live project trees will result in a reduction of CO2.
52	Upper San Gabriel River	Bassett High School Stormwater Capture Multi-Benefit Project	La Puente	<0.5 mile	Yes	<p>The Project includes a number of recreational features to increase community wellness by constructing walking paths, public gathering areas, outdoor classroom-style courtyards and an educational garden while featuring Low Impact Development (LID) components, such as bioswales, drought-tolerant plants, decomposed granite, and porous pavement. The restored surface will also include new active and open play areas and a sports field to promote healthy lifestyles. A new pocket park with drought-tolerant landscaping and a smart-gardening demonstration space will educate residents and visitors while enhancing the sense of community within the neighborhood. All enhancements will benefit the disadvantaged Communities of West Puente Valley and La Puente within the existing Bassett High School and Bassett Park.</p>
53	Upper San Gabriel River	Encanto Park Stormwater Capture Project	Duarte	<0.5 mile	Yes	<p>(Updated 5/6/20) Located within 1/2 mile from DAC and provides direct benefits to these communities. Parking lot enhancements with permeable parking lots, bioswales, trails, and habitat areas benefit all park visitors. Potential water supply benefits from subsurface infiltration.</p>

Safe, Clean Water Program
 Fiscal Year 2020-2021
 Regional Program Overview



SCW.ID	Watershed Area	Project Name	Municipality	Distance From DAC*	DAC Benefit Claimed	Justification of DAC Benefits Provided by the Applicant
54	Upper San Gabriel River	Finkbiner Park Multi-Benefit Stormwater Capture Project	Glendora	<1 mile	No	
55	Upper San Gabriel River	Garvey Avenue Grade Separation Drainage Improvement Project	El Monte	within DAC	Yes	The project benefits the DAC by providing: <ul style="list-style-type: none"> • Improved public access to public right-of-ways and to commercial businesses through mitigated flooding • Community Investment Benefit by improving public health (less standing water) • Water Quality Benefits - pollution removal/load reduction • Water Supply Benefits - recharges water table Measures on displacement avoidance will include: Community engagement and participation by including residents and stakeholders on advisory councils; providing timelines to residents and stakeholders; scheduling public workshops/meetings; providing surveys/soliciting input and maintaining community awareness throughout project construction.
57	Upper San Gabriel River	Pedley Spreading Grounds	Claremont		No	
58	Upper San Gabriel River	Wingate Park Regional EWMP Project	Covina	<0.5 mile	Yes	<ul style="list-style-type: none"> • Flood risk mitigation • Riparian habitat improvements • Connect Bike Routes • Park Improvements • DG walking trail • New soccer field • Natural playground area • Improved Water Quality/Water Recharge • Energy efficient lighting • CO2 Reduction

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



SAFE CLEAN WATER PROGRAM

Regional Program FY 20-21
Upper 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	
51	Upper San Gabriel River	Barnes Park	City of Baldwin Park	Wet	Treatment Facility	USGR EWMP, IRWMP	Baldwin Park	Yes	50	5	5	10	0	70	Included in SIP
52	Upper San Gabriel River	Bassett High School Stormwater Capture Multi-Benefit Project	Los Angeles County	Wet	Infiltration Facility	USGR EWMP	La Puente	Yes	50	12	10	10	10	92	Included in SIP
53	Upper San Gabriel River	Encanto Park Stormwater Capture Project	City of Monrovia	Wet	Treatment Facility	RH/SGR rWMP	Duarte	Yes	50	2	5	12	0	69	Included in SIP
55	Upper San Gabriel River	Garvey Avenue Grade Separation Drainage Improvement Project	City of El Monte	Wet	Infiltration Facility	IRWMP	El Monte	Yes	50	0	2	5	4	61	Included in SIP
57	Upper San Gabriel River	Pedley Spreading Grounds	East San Gabriel Valley Watershed Management Group (City of San Dimas, City of Claremont,	Wet	Infiltration Facility	ESGV WMP	Claremont	No	50	0	2	5	4	61	Included in SIP
58	Upper San Gabriel River	Wingate Park Regional EWMP Project	City of Covina	Wet	Treatment Facility	USGR EWMP, IRWMP	Covina	Yes	40	18	5	12	0	75	Included in SIP
Total															6

**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)



ATTACHMENT E
Technical Resources Program Projects

Watershed Area	Project Name	Project Lead	Total SCW Funding Requested	Status
Upper San Gabriel River	Fairplex Regional Stormwater Project	East San Gabriel Valley Watershed Management Group (City of San Dimas, City of Claremont, City of Pomona, City of La Verne)	\$300,000.00	Included in SIP
Upper San Gabriel River	Glendora Avenue Green Street Feasibility Study	City of Glendora	\$300,000.00	Included in SIP
Upper San Gabriel River	MacLaren Hall Property Park and Sports Fields Project - concept	City of El Monte	\$300,000.00	Included in SIP
Total			\$900,000.00	3

Watershed Area	Position	Status	Cost
Upper San Gabriel River	Watershed Coordinator #1	Included in SIP	\$200,000.00
Total			\$200,000.00



**ATTACHMENT F
 Scientific Studies Programs**

Watershed Area	Project Name	Project Lead	Total Funding Requested*	Watersheds Studied	Status
Upper San Gabriel River	San Gabriel Valley Regional Confirmation of Infiltration Rates	East San Gabriel Valley Watershed Management Group	\$385,000.00	USGR	Included in SIP
Total			\$385,000.00		1

* Total funding requested from all Watershed Areas studied.



ATTACHMENT G
Upper San Gabriel River WASC
Infrastructure Program Projects

Map Location	Watershed Area	Project Name	Project Lead	Municipality	DAC	Final Score **						Prior Community Engagement	Community Support Letter(s) Received	# of votes	Rank
						Water Quality	Water Supply	CIB	NBS	Leveraging Funds	TOTAL				
51	Upper San Gabriel River	Barnes Park	City of Baldwin Park	Baldwin Park	Yes	50	5	5	10	0	70	6 outreach events	No	11	2
52	Upper San Gabriel River	Bassett High School Stormwater Capture Multi-Benefit Project	Los Angeles County	La Puente	Yes	50	12	10	10	10	92	8+ outreach events	Yes	12	1
53	Upper San Gabriel River	Encanto Park Stormwater Capture Project	City of Monrovia	Duarte	Yes	50	2	5	12	0	69	numerous outreach events	No	9	5
54	Upper San Gabriel River	Finkbiner Park Multi-Benefit Stormwater Capture Project	City of Glendora	Glendora	No	50	12	5	12	0	79	TBD	No	7	
55	Upper San Gabriel River	Garvey Avenue Grade Separation Drainage Improvement Project	City of El Monte	El Monte	Yes	50	0	2	5	4	61	N/A	Yes	10	3
57	Upper San Gabriel River	Pedley Spreading Grounds	East San Gabriel Valley Watershed Management Group (City of San Dimas, City of Claremont,	Claremont	No	50	0	2	5	4	61	1 outreach event	Yes	8	6
58	Upper San Gabriel River	Wingate Park Regional EWMP Project	City of Covina	Covina	Yes	40	18	5	12	0	75	TBD	No	9	4
Maximum						50	25	10	15	10	110				

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