

Safe, Clean Water Program

Fiscal Year 2020-2021

Stormwater Investment Plan



Stormwater Investment Plan Santa Clara 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:

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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

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

<input type="checkbox"/>	Regional Oversight Committee (ROC) concurs with the recommended SIP as-is
<input type="checkbox"/>	Refer to ROC meeting minutes for comments

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1 Summary of Stormwater Investment Plan Recommendations

The Santa Clara River WASC generates approximately \$5.97M of anticipated annual Regional Program funds.

For Fiscal Year 2020-2021 (FY20-21), two Infrastructure Program Project applications and one Scientific Study were submitted for consideration. The two Infrastructure Program Projects both met the threshold score for eligibility into the Stormwater Investment Plan (SIP). After careful review and consideration, the WASC voted to include the two Infrastructure Program Projects, and one Watershed Coordinator into the recommended SIP. The WASC decided to withdraw the Scientific Study from the SIP due to lack of support for this study from the other Watershed Area Steering Committees and concerns from the community.

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%)	\$4.69 M	\$5.00 M	\$5.20 M	\$3.00 M	\$3.00 M	\$20.89 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%)	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M	\$0.00 M
Grand Total	\$4.89 M	\$5.20 M	\$5.40 M	\$3.20 M	\$3.20 M	\$21.89 M
Percent Allocated*	82%	74%	69%	38%	29%	73%

*Includes any roll-over from prior years

Refer to Attachment A for the Final Recommended SIP.

2 Summary of Meetings and Process

Refer to Attachment B for the list of WASC members.

2.1 Meeting Dates

- November 7, 2019
- December 18, 2019
- January 9, 2020
- January 16, 2020
- January 23, 2020
- February 6, 2020
- February 20, 2020
- March 5, 2020
- March 19, 2020 (meeting cancelled)

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- May 14, 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.

2.5 Ranking

The WASC discussed each eligible project, and the scientific study as a group. Since only two Infrastructure Projects were submitted for this WASC, it was not necessary to have applications ranked by each committee member as the two Infrastructure Projects were included in the SIP. There was a separate vote to not include the scientific study into the SIP.

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

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

In the meetings leading up to and initial approval of the SIP on March 5, the Scientific Study faced opposition from the community, specifically from the Unincorporated Areas of Acton and Agua Dulce. They raised concerns about potential impacts to their communities from the results of the study. To try and alleviate the concerns, the WASC put forward and approved a motion that set requirements on the

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Scientific Study to meet with the community and explain the potential implications to the communities. The motion language still did not satisfy the concerns of the community. With the lack of support from other WASCs on this study, concerns from the public and some of the committee members, the WASC reconvened on May 14th and voted unanimously to have the Scientific Study removed from the SIP. The public comments are available in the WASC meeting minutes on the [Safe, Clean Water website](#).

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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. Projects shown in blue have been included in the recommended SIP. Refer to Attachment B 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
Hasley Canyon Park Stormwater Improvements Project	Los Angeles County Public Works	Included in SIP	\$ 2,887,500.00	Planning & Design
Newhall Park Infiltration	City of Santa Clarita	Included in SIP	\$ 18,000,000.00	Planning & Design

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3.2 Discussion of Criteria

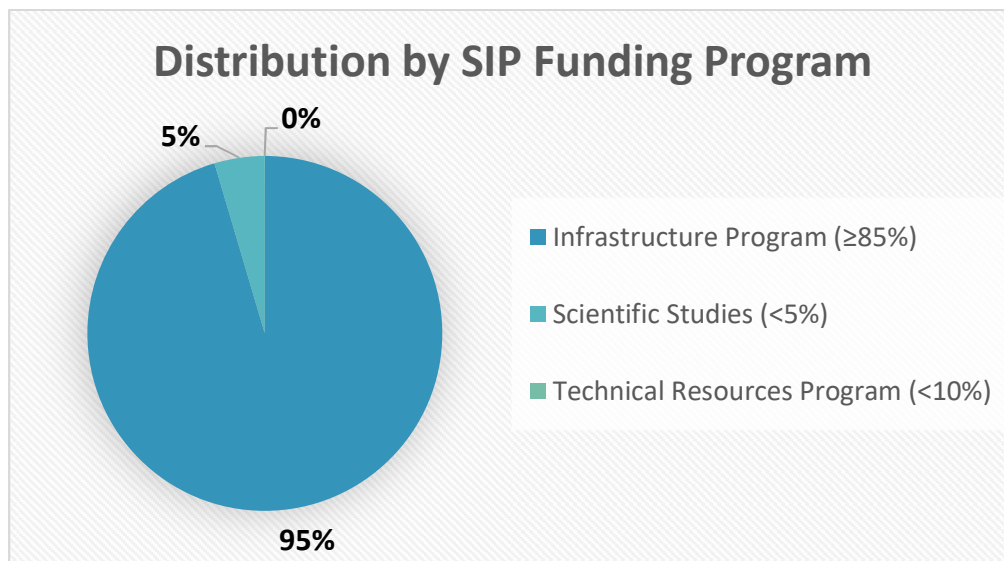
Per LACFCD Code Ch18.07.B.2, the SIPs shall be developed by the WASC in accordance with the criteria described below.

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%)	\$20,887,500.00	95%
Scientific Studies (<5%)	\$0.00	0%
Technical Resources Program (<10%)	\$1,000,000.00	5%
Grand Total	\$21,887,500.00	



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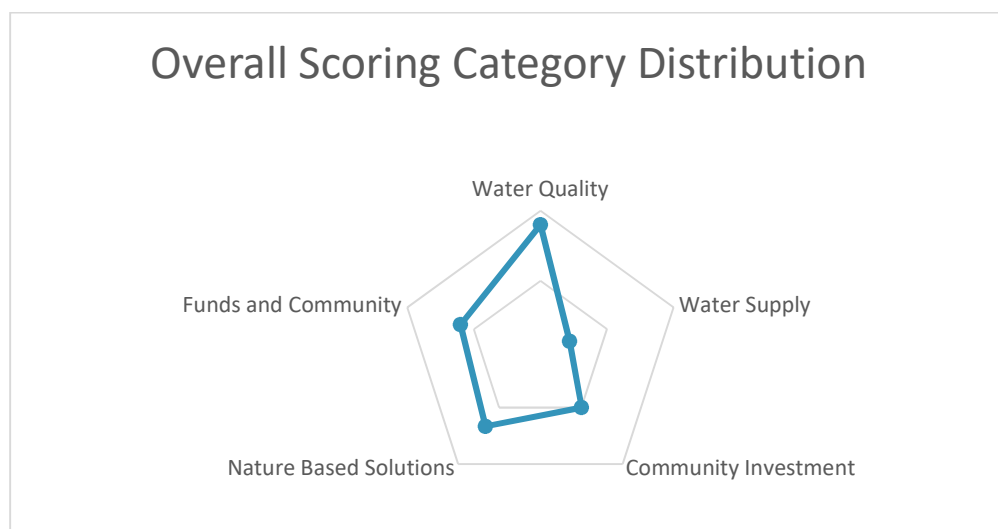


3.2.2 Project Benefits

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 recommended SIP.



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3.2.3 MS4 Compliance

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

Below is an overview of the 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
Hasley Canyon Park Stormwater Improvements Project	Wet	Infiltration Facility	150	5.82	Upper SCR EWMP
Newhall Park Infiltration	Wet	Infiltration Facility	1159	31.31	Upper SCR EWMP, USCR IRWMP

Project Name	Primary Pollutant	Primary Pollutant Reduction	Secondary Pollutant	Secondary Pollutant Reduction
Hasley Canyon Park Stormwater Improvements Project	Total Nitrogen	78%	Bacteria	78%
Newhall Park Infiltration	Bacteria	100%	Total Zinc	100%

3.2.4 Disadvantaged Communities (DAC) Benefits

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

The Newhall Park Infiltration Project will be located in the heart of a DAC that serves the greater community, offering recreational amenities, open space, increase public awareness on the environmental benefits from the project.

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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*	8%
Required Funding for DACs FY 20-25 (110%)	\$1,838,100.00

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

Below is a summary of Infrastructure Program Projects that provide DAC benefits.

Refer to Attachment C for a summary of DAC benefits.

Project Name	DAC Benefit	Total SCW Funding Allocated FY20-25	Total SCW Funds Benefitting DAC FY20-25
Hasley Canyon Park Stormwater Improvements Project	No	\$2,887,500.00	\$0.00
Newhall Park Infiltration	Yes	\$18,000,000.00	\$18,000,000.00
Grand Total		\$20,887,500.00	\$18,000,000.00
% of funded projects Benefitting DAC(s)			86 %

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 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
Hasley Canyon Park Stormwater Improvements Project	Unincorporated	
Newhall Park Infiltration	Santa Clarita	

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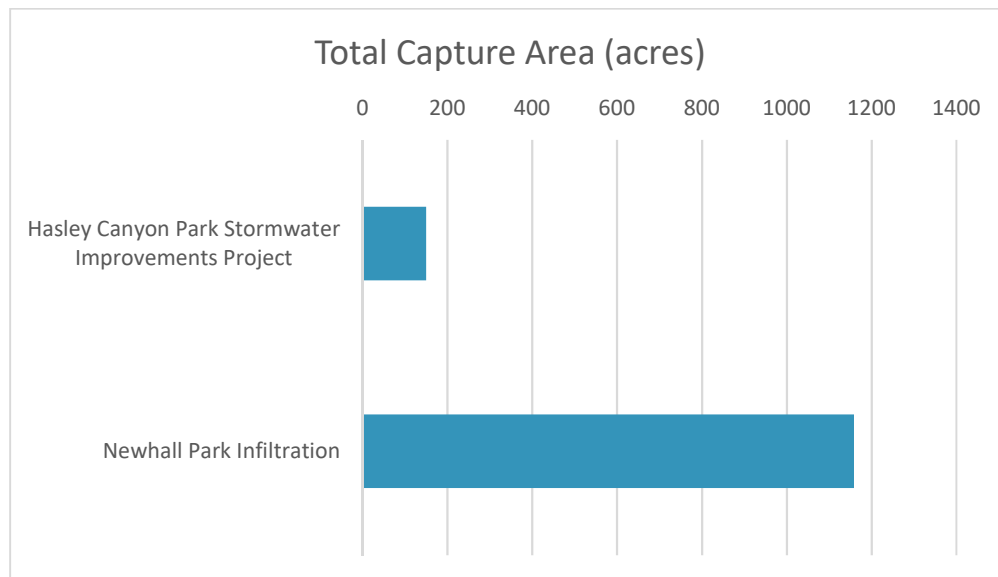
3.2.6 Project Types and Sizes

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

Recommendations include a variety of projects in order to help 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
Hasley Canyon Park Stormwater Improvements Project	Wet	Regional Project	Infiltration Facility
Newhall Park Infiltration	Wet	Regional Project	Infiltration 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 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
Hasley Canyon Park Stormwater Improvements Project	Yes	Yes	Yes	Yes	Yes		Yes	
Newhall Park Infiltration	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.

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 FY 20-25	Community Support Letter(s) Received
Hasley Canyon Park Stormwater Improvements Project	\$2,387,500.00	\$2,887,500.00	No
Newhall Park Infiltration	\$6,000,000.00 ¹	\$18,000,000.00	No
Grand Total	\$8,387,500.00	\$20,887,500.00	

¹ These are potential funds from Proposition 1 grants.

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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.

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	\$ 412,629.00	Not Included in SIP

5.2 Discussion

After careful consideration, the WASC voted to exclude the Scientific Study from the recommended SIP. 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),

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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.

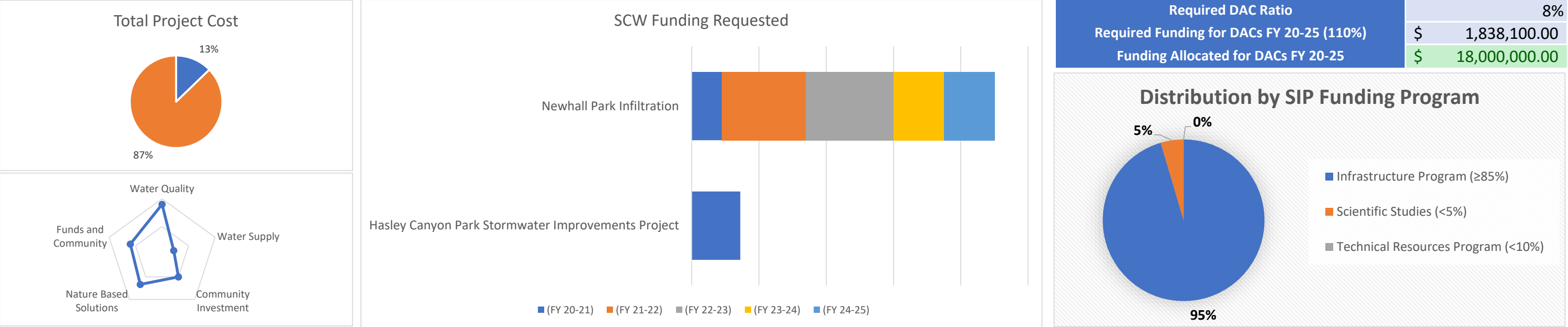
6 Next Steps

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

Next WASC meeting(s):

- June 11, 2020 10:00am-12:00pm (to consider ROC feedback, if available)

Project Details



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	\$5.97 M	\$5.97 M	\$5.97 M	\$5.97 M	\$5.97 M		\$29.83 M
B. Anticipated Annual Regional Program Funds Available (A+D)	\$5.97 M	\$7.04 M	\$7.81 M	\$8.37 M	\$11.14 M		
C. Total Allocated in the SIP	\$4.89 M	\$5.20 M	\$5.40 M	\$3.20 M	\$3.20 M	\$0.00 M	\$21.89 M
D. Remaining Balance/Rollover Funds (B-C)	\$1.08 M	\$1.84 M	\$2.41 M	\$5.17 M	\$7.94 M		
E. Percent Allocated (C/B)	82%	74%	69%	38%	29%		73%

Row Labels	DAC	(FY 20-21)	(FY 21-22)	(FY 22-23)	(FY 23-24)	(FY 24-25)	Future Funding	TOTAL
Infrastructure Program		\$ 4,688,603.00	\$ 5,000,000.00	\$ 5,198,897.00	\$ 3,000,000.00	\$ 3,000,000.00	\$ -	\$ 20,887,500.00
Hasley Canyon Park Stormwater Improvements	No	\$ 2,887,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,887,500.00
Newhall Park Infiltration	Yes	\$ 1,801,103.00	\$ 5,000,000.00	\$ 5,198,897.00	\$ 3,000,000.00	\$ 3,000,000.00	\$ -	\$ 18,000,000.00
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		\$ 4,888,603.00	\$ 5,200,000.00	\$ 5,398,897.00	\$ 3,200,000.00	\$ 3,200,000.00	\$ -	\$ 21,887,500.00

Attachment B
List of WASC Members

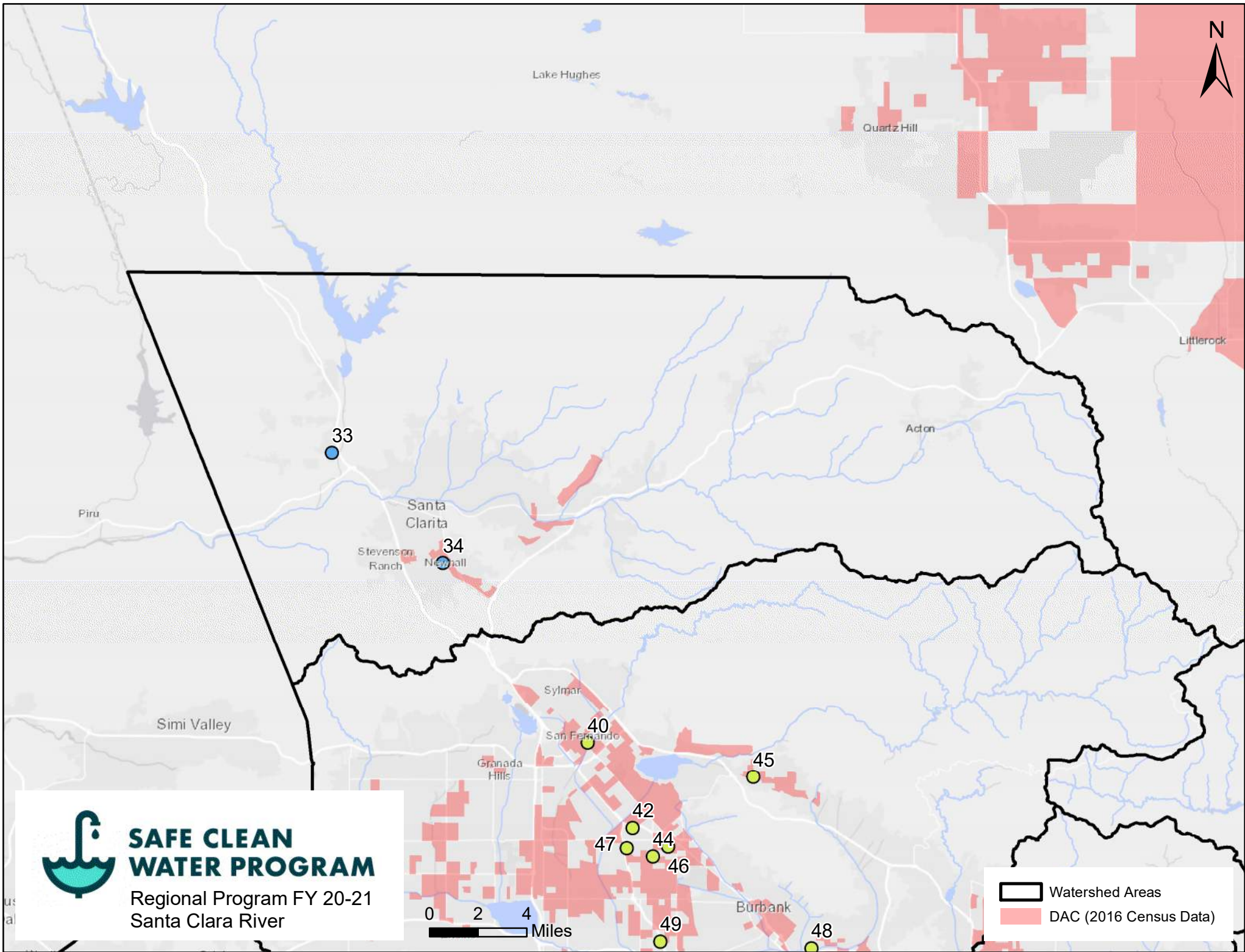
Santa Clara River						
Member Type	SD	Position	Member	Affiliation	Alternate	Alt-Affiliation
Agency		FCD	Julian Juarez	FCD	Carolina Hernandez	FCD
Agency		Water Agency	Dirk Marks	Santa Clarita Valley Water Agency	Mike Alvord	Santa Clarita Valley Water Agency
Agency		Groundwater / Water Agency 2	Steve Cole	GSA for the Santa Clara River Valley	Rick Viergutz	Santa Clarita Valley Groundwater Sustainability Agency
Agency		Sanitation	Kristen Ruffell	Sanitation Districts	Martha Tremblay	Sanitation Districts
Agency		Open Space	Janine Prado	City of Santa Clarita Recreation & Community Services	Tyler Pledger	Santa Clarita
Community Stakeholder	5	At Large	Hunt Braly	Poole & Shaffery		
Community Stakeholder	5	At Large	Mary Johnson	Agua Dulce Town Council		
Community Stakeholder	5	Environment	Sandra Cattell	Sierra Club	Diane Trautman	Santa Clarita Sierra Club
Community Stakeholder	5	Business	Jason Gibbs	GP Strategies	Frederick Andre Hollings	CA Department of Tax and Fee Administration
Community Stakeholder	5	EJ	Dianne Erskine-Hellrigel	St. Francis Dam Disaster National Memorial Foundation	Heidi Webber	Community Hiking Club
Municipal Members			Bruce Hamamoto	Los Angeles County	Allen Ma	Los Angeles County
Municipal Members			Bruce Hamamoto	Los Angeles County	Allen Ma	Los Angeles County
Municipal Members			Bruce Hamamoto	Los Angeles County	Allen Ma	Los Angeles County
Municipal Members			<u>Darren Hernandez</u>	Santa Clarita	Darin Seegmiller	Santa Clarita
Municipal Members			Heather Merenda	Santa Clarita	Oliver Cramer	Santa Clarita
Municipal Members			Robert Newman	Santa Clarita	Mike Hennawy	Santa Clarita
Municipal Members			Tom Cole	Santa Clarita	David Peterson	Santa Clarita



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
33	Santa Clara River	Hasley Canyon Park Stormwater Improvements Pro	Unincorporated		No	
34	Santa Clara River	Newhall Park Infiltration	Santa Clarita	<0.5 mile	Yes	This project will install an infiltration facility below an aged, inefficient park located in the Newhall Disadvantaged Community Tract. Construction and installation of the infiltration chambers will require excavation of the park and afterwards, natural turf will be replaced and the park will be modified to allow for more play areas and more community gathering areas. The community desires more play areas for team sports and more picnic-type areas. Construction will be streamlined to minimize field downtime and plans to keep a portion of the park with picnic tables remain open during construction of the infiltration chambers. The storm water runoff infiltration chambers capture water before it reaches the river, thereby increasing the capacity of runoff the system can handle in an area with mandatory flood insurance. This, in theory, will help reduce flood insurance costs by reducing flooding threats to the neighborhood disadvantaged community.

*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
Santa Clara River



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	
33	Santa Clara River	Hasley Canyon Park Stormwater Improvements Project	Los Angeles County Public Works	Wet	Infiltration Facility		Unincorporated	No	40	2	5	10	6	63	Included in SIP
34	Santa Clara River	Newhall Park Infiltration	Dan Duncan, Oliver Cramer	Wet	Infiltration Facility		Santa Clarita	Yes	50	9	5	10	6	80	Included in SIP
Total															2

**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)