

Safe, Clean Water Program

Fiscal Year 2020-2021

Regional Program Overview



Overview of Scored Projects for WASC Consideration Upper Los Angeles River

Projects sent to the Scoring Committee were evaluated and have received an official score. An overview of the current status of project submittals is included. The Scoring Committee may transmit additional Projects for WASC consideration at a later date. The full Feasibility Study Report for completed Projects and an interactive map is available online at www.SafeCleanWaterLA.org.

Please refer to the following attachments for details:

Attachment A – Project Overview

Attachment B – Safe, Clean Water Program Goals

Attachment C – Program Goals for Disadvantaged Communities (DACs)

Attachment D – Program Goals for Municipalities

Attachment E – Infrastructure Program Projects and Map

Attachment F – Technical Resources Program Projects

Attachment G – Scientific Studies Projects



**ATTACHMENT A
 Project Overview
 Upper Los Angeles River**

Program	Estimated Annual Regional Program Funds	Number of Projects				
		Submitted	Deemed Complete	Under Scoring Evaluation	Under WASC Consideration	Included in SIP
Infrastructure Program (>85%)	\$32.8 M	12	12	12	12	-
Technical Resources Program (≤10%)*	\$3.9 M	8	N/A	N/A	8	-
Scientific Studies Program (≤5%)	\$1.9 M	5	N/A	N/A	5	-
TOTAL	\$38.6 M	25	12	12	25	-

*Infrastructure Program Projects may be referred to the Technical Resources Program at the Project applicant's request or at the WASC's discretion.



ATTACHMENT B
Stormwater Investment Plan (SIP) Criteria

- A. Not less than eighty-five percent (85%) of the budget shall be allocated to Infrastructure Program activities, not more than ten (10%) of the budget shall be allocated to Technical Resource Program activities, and not more than five percent (5%) of the budget shall be allocated to Scientific Studies Program activities;
- B. Projects that assist in achieving compliance with a MS4 Permit shall be prioritized, to the extent feasible;
- C. Funding for Projects that provide DAC Benefits shall not be less than one hundred and ten percent (110%) of the ratio of the DAC population to the total population in each Watershed Area. To facilitate compliance with this requirement, the District will work with stakeholders and Watershed Coordinator(s) to utilize existing tools to identify high-priority geographies for water-quality improvement projects and other projects that create DAC Benefits within DACs, to help inform WASCs as they consider project recommendations (**refer to Attachment C**);
- D. Each Municipality shall receive benefits in proportion to the funds generated within their jurisdiction, after accounting for allocation of the one hundred ten percent (110%) return to DACs, to the extent feasible, to be evaluated annually over a rolling five (5) year period (**refer to Attachment D**);
- E. A spectrum of Project types and sizes shall be implemented throughout the region, to the extent feasible, to be evaluated annually over a rolling five (5) year period;
- F. Nature-Based Solutions shall be prioritized, to the extent feasible;
- G. Projects, Feasibility Studies, scientific and technical studies, and other activities selected for inclusion in a SIP should be recommended to receive funding for their total estimated costs, unless a lesser amount has been requested;
- H. Operation and maintenance costs for any Project may be included in the Infrastructure Program portion of a SIP, whether or not the design and construction of that Project was included in a SIP; and
- I. Only Projects that meet or exceed the Threshold Score shall be eligible for inclusion in the Infrastructure Program. Projects that receive a score below the Threshold Score may be referred to the Technical Resources Program at the discretion of the Watershed Area Steering Committee.

Reference: Section 18.07.2 of the Safe, Clean Water Program Implementation Ordinance



ATTACHMENT C
Criteria for Disadvantaged Communities (DACs)

Funding for Projects that provide DAC Benefits shall not be less than one hundred and ten percent (110%) of the ratio of the DAC population to the total population in each Watershed Area. To facilitate compliance with this requirement, the District will work with stakeholders and Watershed Coordinator(s) to utilize existing tools to identify high-priority geographies for water-quality improvement projects and other projects that create DAC Benefits within DACs, to help inform WASCs as they consider project recommendations

Watershed Area	DAC Ratio*	Estimated Annual Funding Recommended for Projects that Benefit DACs
Central Santa Monica Bay	50%	\$8.3 M
Lower Los Angeles River	68%	\$8.2 M
Lower San Gabriel River	20%	\$3.1 M
North Santa Monica Bay	0%	\$0.0 M
Rio Hondo	35%	\$3.8 M
Santa Clara River	8%	\$0.4 M
South Santa Monica Bay	34%	\$5.9 M
Upper Los Angeles River	50%	\$18.1 M
Upper San Gabriel River	22%	\$3.9 M
Total		\$51.6 M

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



ATTACHMENT D
Criteria for Municipalities

Each Municipality shall receive benefits in proportion to the funds generated within their jurisdiction, after accounting for allocation of the one hundred ten percent (110%) return to DACs, to the extent feasible, to be evaluated annually over a rolling five (5) year period

Watershed Area	Municipality	% City Funds Generated within Watershed Area
Upper Los Angeles River	Alhambra	1.0%
Upper Los Angeles River	Burbank	4.6%
Upper Los Angeles River	Calabasas	0.8%
Upper Los Angeles River	Glendale	5.4%
Upper Los Angeles River	Hidden Hills	0.2%
Upper Los Angeles River	La Canada Flintridge	1.2%
Upper Los Angeles River	Los Angeles	75.8%
Upper Los Angeles River	Monterey Park	0.4%
Upper Los Angeles River	Pasadena	1.1%
Upper Los Angeles River	San Fernando	0.9%
Upper Los Angeles River	South Pasadena	0.7%
Upper Los Angeles River	Unincorporated	7.8%



ATTACHMENT E
Infrastructure Program Projects

A	B	C	D	E	F	G	H	I	Final Score**						P
									J	K	L	M	N	O	
Map Location	Watershed Area	Project Name	Project Lead(s)	Project Type	BMP Type	Approved WQ Plan	Municipality	DAC Benefit Claimed	Water Quality	Water Supply	CIB	NBS	Leveraging Funds	TOTAL	Status
39	Upper Los Angeles River	Active Transportation Rail to River Corridor Project - Segment A	Los Angeles Metropolitan Transit Authority (Metro)	Wet	Biofiltration		Los Angeles	Y	50	0	5	10	10	75	WASC Consideration
40	Upper Los Angeles River	City of San Fernando Regional Park Infiltration Project	City of San Fernando (Kenneth Jones)	Wet	Infiltration Facility		San Fernando	Y	50	12	5	5	3	75	WASC Consideration
41	Upper Los Angeles River	Echo Park Lake Rehabilitation	City of Los Angeles, Bureau of Sanitation	Wet	Treatment Facility		Los Angeles		50	0	5	10	4	69	WASC Consideration
42	Upper Los Angeles River	Fernangeles Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Wet	Infiltration Facility		Los Angeles	Y	50	5	5	15	10	85	WASC Consideration
43	Upper Los Angeles River	Franklin D. Roosevelt Park Regional Stormwater Capture Project	Los Angeles County	Wet	Infiltration Facility		Unincorporated	Y	44	2	5	10	6	67	WASC Consideration
44	Upper Los Angeles River	Lankershim Boulevard Local Area Urban Flow Management Network Project	City of Los Angeles, Bureau of Sanitation	Wet	Infiltration Well		Los Angeles	Y	50	5	5	10	0	70	WASC Consideration
45	Upper Los Angeles River	Oro Vista Local Area Urban Flow Management Project	City of Los Angeles, Bureau of Sanitation	Wet	Infiltration Well		Los Angeles		50	0	5	13	0	68	WASC Consideration
46	Upper Los Angeles River	Rory M. Shaw Wetlands Park Project	Los Angeles Flood Control District	Wet	Treatment Facility		Los Angeles	Y	50	25	5	10	6	96	WASC Consideration
47	Upper Los Angeles River	Strathern Park North Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Wet	Infiltration Facility		Los Angeles	Y	50	9	5	15	10	89	WASC Consideration
48	Upper Los Angeles River	The Distributed Drywell System Project	City of Glendale	Wet	Infiltration Well		Glendale	Y	50	12	5	10	0	77	WASC Consideration
49	Upper Los Angeles River	Valley Village Park Stormwater Capture Project	Los Angeles Department of Water and Power (LADWP)	Dry	Infiltration Facility		Los Angeles	Y	40	8	5	15	10	78	WASC Consideration
50	Upper Los Angeles River	Walnut Park Pocket Park Project	County of Los Angeles	Wet	Infiltration Well		Unincorporated	Y	41	0	5	10	6	62	WASC Consideration
TOTAL															12

**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)

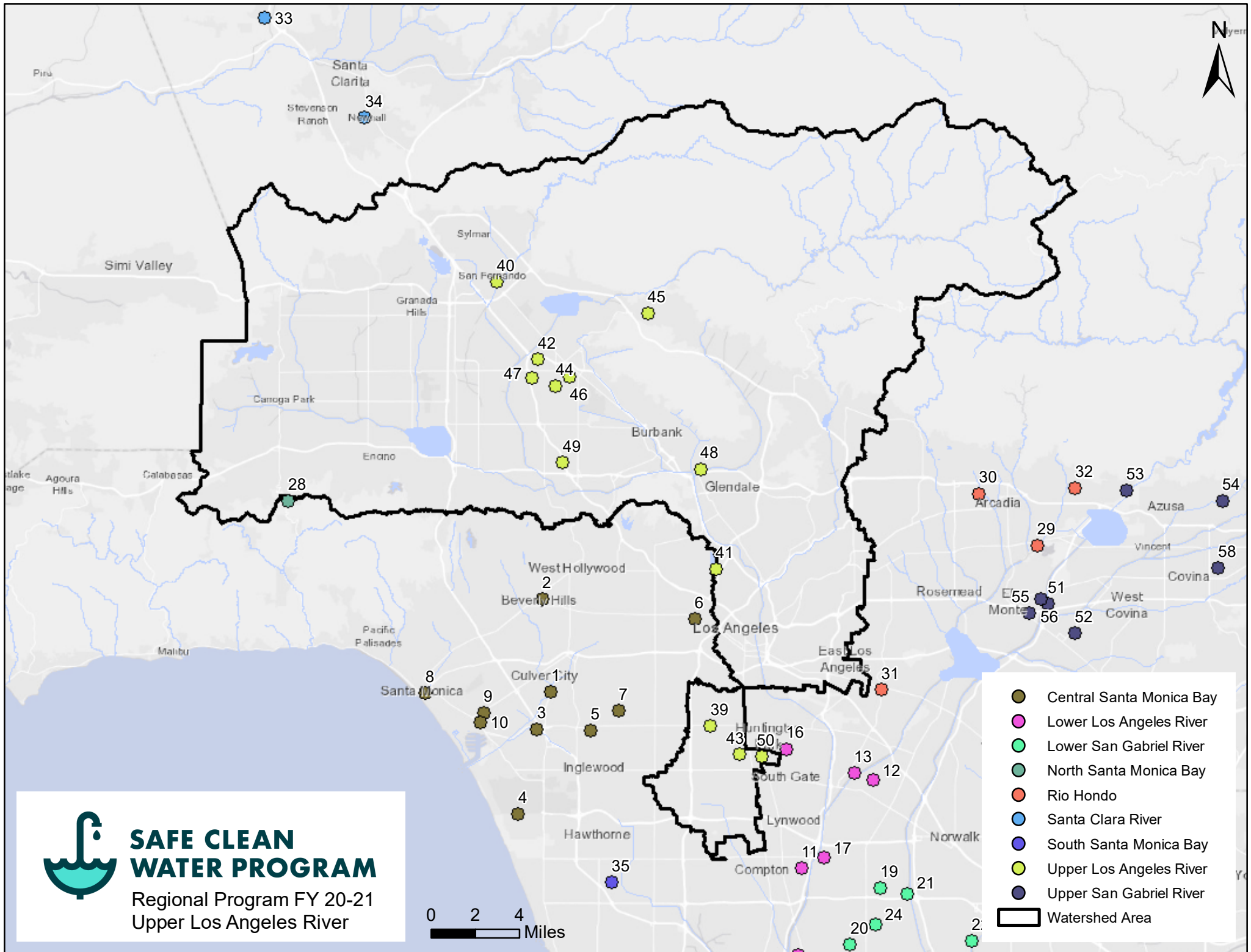
Leveraging Funds: Leveraging Funds and Community Support (10 points max)

TOTAL: Total Score (110 points max)



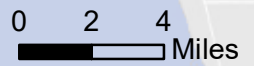
Infrastructure Program Projects
 Funding Details

Q	R	S	T	U	V	W	X	Y	Z
Map Location	Project Name	Total SCW Funding Requested	Total Leveraged Funds	Total Project Cost	SCW Funding Requested (FY 20-21)	SCW Funding Requested (FY 21-22)	SCW Funding Requested (FY 22-23)	SCW Funding Requested (FY 23-24)	SCW Funding Requested (FY 24-25)
39	Active Transportation Rail to River Corridor Project - Segment A	\$8,425,000.00	\$10,500,000.00	\$18,925,000.00	\$1,500,000.00	\$4,000,000.00	\$2,000,000.00	\$425,000.00	\$125,000.00
40	City of San Fernando Regional Park Infiltration Project	\$9,201,200.00	\$8,971,446.00	\$18,172,646.00	\$3,115,000.00	\$5,785,000.00	\$100,400.00	\$100,400.00	\$100,400.00
41	Echo Park Lake Rehabilitation	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00	\$0.00	\$0.00	\$0.00	\$0.00
42	Fernangeles Park Stormwater Capture Project	\$8,360,748.27	\$8,370,000.00	\$16,730,748.27	\$2,926,261.89	\$3,344,299.31	\$1,254,112.24	\$836,074.83	\$0.00
43	Franklin D. Roosevelt Park Regional Stormwater Capture Project	\$4,000,000.00	\$12,778,651.14	\$16,778,651.14	\$4,000,000.00	\$0.00	\$0.00	\$0.00	\$0.00
44	Lankershim Boulevard Local Area Urban Flow Management Network Project	\$25,696,900.00	\$0.00	\$25,696,900.00	\$13,772,400.00	\$11,924,500.00	\$0.00	\$0.00	\$0.00
45	Oro Vista Local Area Urban Flow Management Project	\$10,590,600.00	\$0.00	\$10,590,600.00	\$6,894,200.00	\$3,966,750.00	\$0.00	\$0.00	\$0.00
46	Rory M. Shaw Wetlands Park Project	\$10,000,000.00	\$75,000,000.00	\$85,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00	\$2,000,000.00
47	Strathern Park North Stormwater Capture Project	\$9,278,605.53	\$9,467,000.00	\$18,745,605.53	\$3,247,511.94	\$3,711,442.21	\$1,391,790.83	\$927,860.55	\$0.00
48	The Distributed Drywell System Project	\$1,893,000.00	\$0.00	\$1,893,000.00	\$76,750.00	\$1,765,250.00	\$17,000.00	\$17,000.00	\$17,000.00
49	Valley Village Park Stormwater Capture Project	\$9,278,605.53	\$9,467,000.00	\$18,745,605.53	\$3,247,511.94	\$3,711,442.21	\$1,391,790.83	\$927,860.55	\$0.00
50	Walnut Park Pocket Park Project	\$1,000,000.00	\$4,199,237.59	\$5,199,237.59	\$0.00	\$500,000.00	\$500,000.00	\$0.00	\$0.00
TOTAL		\$98,124,659.33	\$138,753,334.73	\$236,877,994.06	\$41,179,635.77	\$40,708,683.73	\$8,655,093.90	\$5,234,195.93	\$2,242,400.00



SAFE CLEAN WATER PROGRAM

Regional Program FY 20-21
Upper Los Angeles River



- Central Santa Monica Bay
- Lower Los Angeles River
- Lower San Gabriel River
- North Santa Monica Bay
- Rio Hondo
- Santa Clara River
- South Santa Monica Bay
- Upper Los Angeles River
- Upper San Gabriel River
- Watershed Area



**ATTACHMENT F
 Technical Resources Program Projects**

	A	B	C	D	E
	Watershed Area	Project Name	Project Lead(s)	District Flat Rate	Status
1	Upper Los Angeles River	Arroyo Seco Projects Part 1 of 4: Constructed Wetlands by the Arroyo Seco	Shahid Abbas, Director of Public Works, City of South Pasadena; Kristine Courdy, Deputy Director of Public Works, City of South Pasadena	\$ 300,000.00	WASC Consideration
2	Upper Los Angeles River	Arroyo Seco Projects Part 2 of 4: Stormwater Capture Basin and Park Improvements	Shahid Abbas, Director of Public Works, City of South Pasadena; Kristine Courdy, Deputy Director of Public Works, City of South Pasadena	\$ 300,000.00	WASC Consideration
3	Upper Los Angeles River	Arroyo Seco Projects Part 3 of 4: Constructed Wetlands at the Arroyo Seco Golf Course	Shahid Abbas, Director of Public Works, City of South Pasadena; Kristine Courdy, Deputy Director of Public Works, City of South Pasadena	\$ 300,000.00	WASC Consideration
4	Upper Los Angeles River	Arroyo Seco Projects Part 4 of 4: Constructed Wetlands at the Arroyo Seco Golf Course Driving Range	Shahid Abbas, Director of Public Works, City of South Pasadena; Kristine Courdy, Deputy Director of Public Works, City of South Pasadena	\$ 300,000.00	WASC Consideration
5	Upper Los Angeles River	Green Street Demonstration Project on Main Street	City of Alhambra	\$ 300,000.00	WASC Consideration
6	Upper Los Angeles River	Hay Canyon Channel / FIS Sports Facilities Stormwater Capture Feasibility Study	City of La Canada Flintridge	\$ 300,000.00	WASC Consideration
7	Upper Los Angeles River	Pasadena Unified School District Campus Green Infrastructure Development Project	Claire Robinson, Managing Director, Amigos de los Rios. Claire@amigosdelosrios.org 626-676-5027	\$ 300,000.00	WASC Consideration
8	Upper Los Angeles River	Winery Canyon Channel / Descanso Gardens Stormwater Capture Feasibility Study	City of La Canada Flintridge	\$ 300,000.00	WASC Consideration
TOTAL				\$ 2,400,000.00	8

* More detailed funding requests will be provided at a later date.

	Watershed Area	Position	Cost
	Upper Los Angeles River	Watershed Coordinator #1	\$200,000.00
	Upper Los Angeles River	Watershed Coordinator #2	\$200,000.00
	Upper Los Angeles River	Watershed Coordinator #3	\$200,000.00
	Total		\$600,000.00



ATTACHMENT G
Scientific Studies Programs

	A	B	C	D	E	F
	Watershed Area	Project Name	Project Lead(s)	Watersheds Studied	Total Funding Requested*	Status
1	Upper Los Angeles River	Coordinated Safe Clean Watershed Plans	City of Los Angeles	CSMB, SSMB, ULAR	\$ 4,700,000.00	WASC Consideration
2	Upper Los Angeles River	LRS Adaptation to Address the LA River Bacteria TMDL for the ULAR Watershed Management Group	San Gabriel Valley Council of Governments	RH, ULAR	\$ 250,000.00	WASC Consideration
3	Upper Los Angeles River	preSIP: A Platform for Watershed Science and Project Collaboration	San Gabriel Valley Council of Governments	RH, ULAR	\$ 910,000.00	WASC Consideration
4	Upper Los Angeles River	Recalculation of Wet Weather Zinc Criterion	City of Los Angeles Sanitation	CSMB, SSMB, ULAR	\$ 500,000.00	WASC Consideration
5	Upper Los Angeles River	Regional Scientific Study to Support Protection of Human Health through Targeted Reduction of Bacteriological Pollution	Currently under discussion.	CSMB, LLAR, LSGR, NSMB, RH, SCR, SSMB, ULAR, USGR	\$ 9,800,000.00	WASC Consideration
	TOTAL				\$ 16,160,000.00	5

* Total funding requested from all Watershed Areas studied.



Scientific Studies Programs
 Funding Details

				K	L	M	N	O
G				Funding Requested by Watershed				
H	I	J						
Project Name	SCW Funding Requested by WASC	Total Leveraged Funds	Total Project Cost	SCW Funding Requested (FY 20-21)	SCW Funding Requested (FY 21-22)	SCW Funding Requested (FY 22-23)	SCW Funding Requested (FY 23-24)	SCW Funding Requested (FY 24-25)
Coordinated Safe, Clean Watershed Plans	\$ 1,692,000.00	\$ -	\$ 1,692,000.00	\$ 616,000.00	\$ 663,000.00	\$ 413,000.00	\$ -	\$ -
Load Reduction Strategy Adaptation to Address the LA River Bacteria TMDL for the Upper Los Angeles River Watershed Management Group	\$ 885,500.00	\$ 72,000.00	\$ 957,500.00	\$ 192,500.00	\$ 385,000.00	\$ 308,000.00	\$ -	\$ -
preSIP: A Platform for Watershed Science and Project Collaboration	\$ 1,800,000.00	\$ -	\$ 1,800,000.00	\$ 700,000.00	\$ 700,000.00	\$ 400,000.00	\$ -	\$ -
Wet Weather Zinc Recalculation	\$ 352,831.00	\$ -	\$ 352,831.00	\$ 88,207.00	\$ 141,133.00	\$ 123,491.00	\$ -	\$ -
Regional Scientific Study to Support Protection of Human Health through Targeted Reduction of Bacteriological Pollution	\$ 2,654,596.00	\$ -	\$ 2,654,596.00	\$ 716,741.00	\$ 716,741.00	\$ 716,741.00	\$ 252,187.00	\$ 252,187.00
	\$ 7,384,927.00	\$ 72,000.00	\$ 7,456,927.00	\$ 2,313,448.00	\$ 2,605,874.00	\$ 1,961,232.00	\$ 252,187.00	\$ 252,187.00