



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY
11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

AGENDA

REGULAR MEETING OF THE PROJECT AGREEMENT 23 COMMITTEE

Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)

Committee Members:

Thomas P. Evans, Chair, Western Municipal Water District Governing Board President
Jasmin A. Hall, Vice Chair, Inland Empire Utilities Agency Governing Board Secretary/Treasurer
Susan Lien Longville, San Bernardino Valley Municipal Water District Governing Board President
Paul D. Jones, Eastern Municipal Water District General Manager
Michael Markus, Orange County Water District General Manager

TUESDAY, AUGUST 1, 2017 – 8:30 A.M.

1. **CALL TO ORDER** (Thomas P. Evans, Chair)

2. **PUBLIC COMMENTS**

Members of the public may address the Committee on items within the jurisdiction of the Committee; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

3. **APPROVAL OF MEETING MINUTES: June 6, 2017** 3

Recommendation: Approve as posted.

4. **INFORMATIONAL REPORTS**

Recommendation: Receive and file the following oral/written reports/updates.

A. **SARCCUP DETAILED SCHEDULE** 9

Presenters: RMC | Woodard & Curran

B. **OVERVIEW OF SARCCUP PROGRESS, INCLUDING METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA AGREEMENTS STATUS**

Presenters: EMWD | SBVMWD

C. **DISCUSSION OF COST SHARE FOR SARCCUP (PA23#2017.5)** 15

Presenter: SAWPA

D. **CALIFORNIA ENVIRONMENTAL QUALITY ACT DOCUMENTS STATUS**

Presenter: IEUA

E. **SUB-AGREEMENTS STATUS**

Presenter: SAWPA

5. **COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS**

6. ADJOURNMENT

PLEASE NOTE:

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Clerk of the Board at (951) 354-4230. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility to this meeting.

Materials related to an item on this agenda submitted to the Committee after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, and available at www.sawpa.org, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Thursday, July 27, 2017, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted in SAWPA's office at 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

2017 Project Agreement 23 Committee Regular Meetings

First Tuesday of Every Other Month

(Note: All meetings will be held at 8:30 a.m., unless otherwise noticed, and are held at SAWPA.)

June	
6/6/17	Regular Committee Meeting
August	
8/1/17	Regular Committee Meeting
October	
10/3/17	Regular Committee Meeting
December	
12/5/17	Regular Committee Meeting



PROJECT AGREEMENT 23 COMMITTEE
Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)
REGULAR MEETING MINUTES
June 6, 2017

COMMITTEE MEMBERS PRESENT

Thomas P. Evans, Chair, Western Municipal Water District Governing Board Vice President
Jasmin A. Hall, Vice Chair, Inland Empire Utilities Agency Governing Board Secretary/Treasurer
Susan Lien Longville, San Bernardino Valley Municipal Water District Governing Board President [8:33 a.m.]
Paul D. Jones, Eastern Municipal Water District General Manager
Michael Markus, Orange County Water District General Manager

ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]

Gil Navarro, San Bernardino Valley Municipal Water District Governing Board Vice President

COMMITTEE MEMBERS ABSENT

None

MEMBER AGENCY STAFF PRESENT

Eastern Municipal Water District
Brian Powell

San Bernardino Valley Municipal Water District
Bob Tinchler

Inland Empire Utilities Agency
Jason Pivovarovff

Western Municipal Water District
John Rossi
Craig Miller
Ryan Shaw

Orange County Water District
Adam Hutchinson

Santa Ana Watershed Project Authority
Celeste Cantú
Larry McKenney
Mark Norton
Ian Achimore
Kelly Berry

OTHERS PRESENT

Brian Dietrick, Woodard & Curran

1. CALL TO ORDER (Susan Lien Longville, Acting Chair)

The special meeting of the PA 23 Committee was called to order at 8:30 a.m. by Chair Evans at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

2. PUBLIC COMMENTS

There were no public comments.

3. APPROVAL OF MEETING MINUTES: APRIL 4, 2017

MOVED, approve the April 4, 2017.

Result:	Adopted (Unanimously)
Motion/Second:	Jones/Hall
Ayes	Evans, Hall, Jones, Markus
Nays:	None
Abstentions:	None
Absent:	Longville

4. COMMITTEE DISCUSSION ITEMS

A. PROJECT AGREEMENT 23 COMMITTEE BUDGET FOR FISCAL YEARS ENDING 2018 AND 2019 (PA23#2017.3)

Ian Achimore provided a PowerPoint presentation on the PA 23 Committee Budget for FYE 2018 and 2019.

Committee Member Markus asked if a cost-loaded schedule had been utilized in preparing the expenditure projections; it was his understanding one had been developed by the consultant. Mark Norton confirmed the consultant had developed a schedule, but the costs have not been loaded to that schedule as of this time. Committee Member Markus suggested allocation of dollar amounts to projects would be helpful to the Committee; Norton indicated he would present this request to the SARCCUP planning managers.

Committee Member Evans voiced concern about the possibility that, given the number of outstanding agreements yet to be solidified, money may be spent prior to a signed agreement or based on the expectation of a signed agreement that does not come through. Mark Norton advised the conjunctive use construction projects are grant reimbursable. Each member agency will first have a sub-grantee agreement with SAWPA, when construction begins they send invoices to SAWPA, SAWPA sends them to DWR and then they are reimbursed for their costs. Committee Member Jones requested clarification of the member agency share of the Participant Fees listed under Source of Funding -- \$453,612 for FYE 2018 and \$437,722 for FYE 2019; specifically, are the Participant Fees inclusive of the RMC construction management contract. Achimore advised it would be included in the Grant – SAWPA Implementation amount because SAWPA is managing the contract.

Committee Member Jones suggested approval of a one-year budget at this time, and then consider the budget the following year since a portion of the project is currently in flux. McKenney advised adoption of a two-year budget was intended to coincide with the SAWPA budget, which is also a two-year budget.

MOVED, adopt the PA 23 Committee Budget for Fiscal Years Ending 2018 and 2019.

Result:	Adopted (Unanimously)
Motion/Second:	Jones/Hall
Ayes	Evans, Hall, Jones, Longville, Markus
Nays:	None
Abstentions:	None
Absent:	None

B. SARCCUP PROJECT MANAGEMENT SERVICES – CONSULTANT SUPPORT (PA23#2017.4)

Mark Norton provided a brief oral statement regarding Task Order No. 2 with Woodard & Curran (formerly RMC Water & Environment Inc.), outlining the information contained in the agenda packet.

MOVED, approve Task Order No. 2 in the not-to-exceed amount of \$260,515 with Woodard & Curran (formerly RMC Water & Environment Inc.) for project management services to support the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP).

Result:	Adopted (Unanimously)
Motion/Second:	Markus/Hall
Ayes	Evans, Hall, Jones, Longville, Markus
Nays:	None
Abstentions:	None
Absent:	None

C. SARCCUP CONSERVATION MEASURES COST SHARING AGREEMENT

Mark Norton noted this cost sharing letter agreement sets forth the understanding between the SARCCUP member agencies regarding the local cost share for the conservation components of SARCCUP which will be administered by the PA 22 Committee of SAWPA.

Committee Member Evans requested the PA 23 Committee be provided with ongoing reports outlining how the money is spent. Committee Member Jones requested the PA 23 Committee be provided with a presentation on the scope of work and proposed schedule relative to the Smartscape/Orange County Coastkeeper phase.

MOVED, approve the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) Conservation Measures Cost Sharing Letter Agreement.

Result:	Adopted (Unanimously)
Motion/Second:	Longville/Jones
Ayes	Evans, Hall, Jones, Longville, Markus
Nays:	None
Abstentions:	None
Absent:	None

5. **INFORMATIONAL REPORTS**

Recommendation: Receive and file the following oral/written reports/updates.

A. **SARCCUP DETAILED SCHEDULE**

Presenters: RMC | Woodard & Curran

Brian Dietrick provided a PowerPoint presentation with the updated SARCCUP Project Schedule. Due to a recent authorization for additional modeling, it is likely that the Watershed Master Plan date will be impacted. The Programmatic EIR date is also likely to change due to the need to incorporate the extended modeling.

B. **CALIFORNIA ENVIRONMENTAL QUALITY ACT DOCUMENTS STATUS**

Presenter: IEUA

Jason Pivovarovoff provided an oral status update; the programmatic EIR could be delayed by a couple of months pending the results from the additional CH2M modeling discussed earlier, slightly suspending the CEQA process.

Committee Member Jones noted that both SBVMWD and EMWD are doing site specific CEQA and design for their facilities. The Programmatic EIR addresses the overall conjunctive use and exchanges and operations.

C. **METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA AGREEMENTS STATUS**

Presenters: EMWD | SBVMWD

Committee Member Jones and Bob Tincher, SBVMWD, provided an oral status report. The anticipated timeframe by which the SARCCUP agreement will be approved administratively is August; the SBVMWD agreement will go before the Board for approval. There was discussion about the role of the PA 23 Committee in this process. Committee Member Jones suggested a presentation on the terms and conditions of both the agreements be presented to the PA 23 Committee by the parties to both agreements at the next meeting.

D. **SUB-AGREEMENTS STATUS**

Presenter: SAWPA

Mark Norton advised EMWD and SBVMWD have executed their sub-agreements with SAWPA for SARCCUP. The remaining three agencies are anticipating early 2018 for execution of the sub-agreement. Some of the remaining agencies desire first to see completion of the Programmatic EIR, or they are dependent upon local institution agreements before they can execute the sub-agreement.

Chair Evans asked who is responsible to reimburse grant funds expended should other agreements, such as the agreements with MWD, not be executed. Larry McKenney advised it is SAWPA's obligation to DWR and the PA 23 Committee is acting as SAWPA in that regard. The PA 23 Committee member agencies are responsible for producing the benefits that were described in the grant agreement. Chair Evans asked if there is a provision in the sub-agreement to pay the money back if the SARCCUP project is not completed. McKenney confirmed the sub-agreements include indemnifications.

A discussion ensued regarding member agency participation, possible re-negotiation of grant funding and the impact, if any on the overall obligation of the PA 23 Committee. Chair Evans noted the importance of SARCCUP and member agencies working together moving forward to provide the benefits as set forth in the grant agreement.

6. COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS

Other than those mentioned earlier, there were no requests for future agenda items.

7. ADJOURNMENT

There being no further business for review, Chair Evans adjourned the meeting at 9:24 a.m.

Approved at a Regular Meeting of the Project Agreement 23 Committee on Tuesday, August 1, 2017.

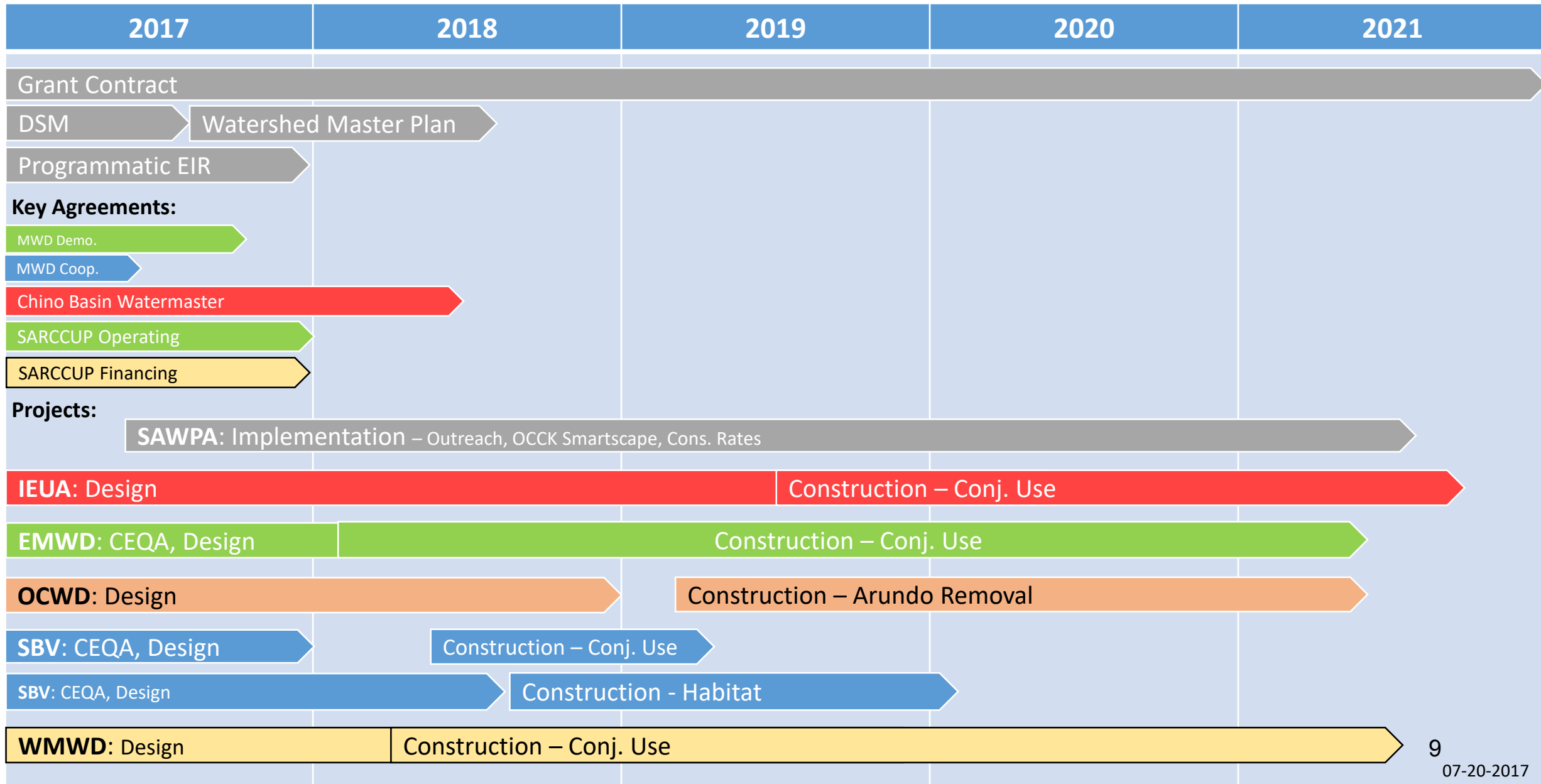
Thomas P. Evans, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board

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SARCCUP Schedule Roll-Up (By Agency)



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Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) Schedule - Two-Month Look-Ahead

ID	Task Name	Start	Finish	August 2017																September 2017														
				16	18	20	22	24	26	28	30	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	2	4	6	8	10	12	14
1	SARCCUP	Thu 5/1/14	Fri 12/30/22																															
2	Task 1: Project Management	Thu 7/2/15	Wed 3/23/22																															
4	Task 1.2: Program Manager - Year 2	Mon 7/3/17	Fri 6/29/18																															
8	Task 1.6: Agreements	Thu 7/2/15	Wed 3/23/22																															
10	SAWPA-IEUA Sub-Agreement	Fri 11/4/16	Fri 12/29/17																															
13	SAWPA-WMWD Sub-Agreement	Mon 11/7/16	Fri 3/16/18																															
14	SAWPA-OCWD Sub-Agreement	Fri 11/4/16	Fri 12/29/17																															
15	SAWPA-OC Coastkeeper Sub-Agreement (PA-22)	Fri 11/4/16	Fri 9/29/17																															
17	SARCCUP Operating Agreement	Tue 9/1/15	Fri 12/29/17																															
18	SARCCUP Financing Agreement	Tue 9/1/15	Fri 12/29/17																															
19	Metropolitan-SARCCUP Demonstration Agreement	Fri 1/1/16	Fri 9/29/17																															
21	IEUA and Chino Basin Watermaster Agreement	Mon 7/3/17	Fri 6/29/18																															
22	EMWD and Hemet San Jacinto Watermaster Agreement	Thu 7/2/15	Fri 12/29/17																															
24	WMWD-EVMWD Agreement	Mon 9/19/16	Fri 9/29/17																															
25	Task 2: Labor Compliance	Fri 6/9/17	Mon 9/5/22																															
27	LCP Approval Implementation	Fri 6/9/17	Tue 5/12/20																															
31	Task 3: Reporting	Wed 5/31/17	Fri 12/30/22																															
59	Task 4: Land Purchase/Easement	Mon 1/18/16	Tue 7/24/18																															

Project: SARCCUP Schedule_9Jan17_critical path_DL Date: Thu 7/20/17	Summary Project Summary Manual Task Manual Summary Rollup	SAWPA IEUA EMWD SBVMWD	WMWD OCWD
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Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) Schedule - Two-Month Look-Ahead

ID	Task Name	Start	Finish	August 2017																September 2017														
				16	18	20	22	24	26	28	30	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	2	4	6	8	10	12	14
60	Task 4.1: EMWD Land Purchase/Easement	Mon 1/18/16	Tue 7/24/18																															
62	<i>Well Drilling Three Wells - ROW Acquisition</i>	Mon 1/18/16	Fri 9/29/17																															
64	Task 4.2: SBVMWD Land Purchase/Easement	Mon 4/3/17	Fri 9/15/17																															
65	<i>Conjunctive Use Water Bank Facilities (San Bernardino Basin) - Property Acquisition</i>	Mon 4/3/17	Fri 9/15/17																															
66	Task 4.3: WMWD Land Purchase/Easement	Fri 4/1/16	Fri 9/29/17																															
67	<i>Conjunctive Use Water Bank Facilities (Elsinore Basin) - Property Acquisition: Well Sites</i>	Fri 4/1/16	Fri 9/29/17																															
68	Task 5: Feasibility Studies	Fri 1/1/16	Thu 7/12/18																															
71	Task 5.2: SARCCUP Analyze Overall System	Fri 1/27/17	Tue 8/15/17																															
72	<i>Analyze/Optimize Watershed For All Project Components</i>	Fri 1/27/17	Tue 8/15/17																															
73	Task 5.3: SARCCUP Master Plan	Fri 7/14/17	Thu 7/12/18																															
74	<i>Prepare Watershed Long Term Facilities Plan For All Project Components</i>	Fri 7/14/17	Thu 7/12/18																															
75	Task 6: CEQA Documentation	Fri 1/1/16	Fri 8/3/18																															
76	Task 6.1: Programmatic CEQA	Tue 10/25/16	Wed 12/20/17																															
77	<i>6.1.1: Program EIR</i>	Tue 10/25/16	Wed 12/20/17																															
78	EIR Project Description	Thu 8/31/17	Wed 12/20/17																															
85	<i>Conjunctive Use Water Bank Facilities (Chino Basin) - IEUA EIR Certification</i>	Thu 7/13/17	Wed 8/9/17																															

Project: SARCCUP Schedule_9Jan17_critical path_DL Date: Thu 7/20/17	Summary		SAWPA		WMWD	
	Project Summary		IEUA		OCWD	
	Manual Task		EMWD			
	Manual Summary Rollup		SBVMWD			

Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) Schedule - Two-Month Look-Ahead

ID	Task Name	Start	Finish	August 2017												September 2017																			
				16	18	20	22	24	26	28	30	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	2	4	6	8	10	12	14	16
86	<i>Conjunctive Use Water Bank Facilities (Elsinore Basin) - WMWD EIR Certification</i>	Thu 7/13/17	Wed 8/9/17																																
87	<i>Arundo Removal - OCWD EIR Certification</i>	Thu 7/13/17	Wed 8/9/17																																
88	Task 6.2: SBVMWD CEQA	Thu 12/1/16	Fri 8/3/18																																
89	<i>Conjunctive Use Water Bank Facilities (San Bernardino Basin) - CEQA& Certification</i>	Thu 12/1/16	Fri 12/29/17																																
91	Task 6.3: EMWD CEQA	Fri 1/1/16	Fri 9/1/17																																
92	<i>Conjunctive Use Water Bank Facilities (San Jacinto Basin) - CEQA& Certification</i>	Fri 1/1/16	Fri 9/1/17																																
93	Task 7: Permitting	Thu 5/1/14	Wed 11/7/18																																
94	Conjunctive Use Water Bank Facilities (Chino Basin)	Thu 5/1/14	Wed 11/7/18																																
96	Conjunctive Use Water Bank Facilities (San Bernardino Basin)	Mon 12/5/16	Fri 2/23/18																																
97	Conjunctive Use Water Bank Facilities (Elsinore Basin)	Thu 10/6/16	Wed 10/4/17																																
98	Arundo Removal	Thu 9/8/16	Fri 6/1/18																																
99	Task 8: Design	Fri 1/1/16	Fri 6/26/20																																
100	Task 8.1: Chino Basin CUP	Fri 1/1/16	Fri 6/26/20																																
101	<i>Baseline& Azusa-Devil Canyon Pipeline & Connections - Consultant Selection</i>	Mon 10/3/16	Fri 3/16/18																																
102	<i>Baseline& Azusa-Devil Canyon Pipeline & Connections - Preliminary Design</i>	Mon 4/3/17	Fri 10/12/18																																
104	<i>Well Modifications - Site Selection</i>	Mon 7/3/17	Fri 12/14/18																																

Project: SARCCUP Schedule_9Jan17_critical path_DL Date: Thu 7/20/17	Summary Project Summary Manual Task Manual Summary Rollup	SAWPA IEUA EMWD SBVMWD	WMWD OCWD
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PA 23 COMMITTEE MEMORANDUM NO. 2017.5

DATE: August 1, 2017
TO: SAWPA Project Agreement 23 Committee
SUBJECT: Discussion of Cost Share for SARCCUP
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

It is recommended that the Project Agreement 23 Committee receive and file this update.

DISCUSSION

At the PA 23 Committee meeting on June 6, 2017, the Committee supported approval of a cost sharing letter agreement (agreement) to give SAWPA authority to collect the SAWPA member agencies cost share for the conservation component of the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP). As shown in the SARCCUP detailed budget, the conservation component is to be funded not only by the Proposition 84 Integrated Regional Water Management grant, but also by cost share from the five SAWPA member agencies.

In subsequent discussions, the SAWPA member agencies recommended modifying the agreement to tie the payment of the cost share to the two year SAWPA budget (for Fiscal Years Ending 2018 and 2019). Upon considering this request, SAWPA staff no longer sees a need for this agreement because the budget, once approved by all five SAWPA member agencies, will serve as the authority to collect cost share from the member agencies for SARCCUP. The SAWPA two year budget has this authority because a line item was included in each fiscal year showing the cost share amount the SAWPA member agencies are to provide for SARCCUP.

Going forward, SAWPA will invoice three of the SAWPA member agencies, Western Municipal Water District, Orange County Water District and Inland Empire Utilities Agency, once the budget is approved by the SAWPA member agencies. Two of the SAWPA member agencies have already adopted the Sub-Grantee Agreement for SARCCUP, which includes a provision giving SAWPA authority to invoice them for the SARCCUP cost share amount. Thus, those two agencies, Eastern Municipal Water District and San Bernardino Valley Municipal Water District, can be invoiced without waiting for the SAWPA two year budget to be approved. Though they can be invoiced, SAWPA will wait till the budget is approved before using the funds for SARCCUP implementation.

CRITICAL SUCCESS FACTORS

The following OWOW critical success factors are addressed by this action:

1. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
2. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

Funding for the SARCCUP conservation component will come from the local contributions of the SARCCUP agencies, which will be matched equally with proceeds from the Proposition 84 Integrated Regional Water Management grant.

Attachments:

- SARCCUP Detailed Budget (Funding Shown By Task)

SANTA ANA RIVER CONSERVATION AND CONJUNCTIVE USE PROGRAM (SARCCUP): FUNDING BY TASK

Lead Agency (Budget Category in Parenthesis)	Budget Category/Task Description	(a)	(b)	(b total)	(b1)	(b2)	(c)	(d)
		Requested Grant Amount*	Total Local Match: Non-State Fund Source ¹	Total Local Match: Columns b1 + b2	Reported Local Match (Through DWR invoices)	Additional Local Match (To retain for possible audit)	Total Cost	SAWPA Member Agencies Equal Split Providing Local Match
(a) Project Administration (Program Mgr Consultant - RMC)		\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ -	\$ 1,000,000.00	\$ 2,000,000.00	\$ 200,000.00
SAWPA/Consultant	1 - Project Management	\$ 950,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ -	\$ 1,000,000.00	\$ 1,950,000.00	\$ 200,000.00
SAWPA/Consultant	2 - Labor Compliance Program ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	N/A
SAWPA/Consultant	3 - Reporting	\$ 50,000.00	\$ -	\$ -	\$ -	\$ -	\$ 50,000.00	N/A
(b) Land Purchase/Easement		\$ 839,000.00	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 200,000.00	\$ 1,039,000.00	\$ -
EMWD, SBVMWD, WMWD	4 - Land Purchase	\$ 839,000.00	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 200,000.00	\$ 1,039,000.00	\$ -
(c) Planning/Design/Engineering/ Environmental Doc		\$ 5,274,405.00	\$ 5,367,685.00	\$ 5,367,685.00	\$ -	\$ 5,367,685.00	\$ 10,642,090.00	\$ 229,170.20
SAWPA Member Agencies	5 - SARCCUP Master Plan (a.k.a. "Feasibility Study")	\$ -	\$ 1,000,000.00	\$ 1,000,000.00	\$ -	\$ 1,000,000.00	\$ 1,000,000.00	\$ 200,000.00
SAWPA Member Agencies	6 - CEQA	\$ 476,517.00	\$ 357,245.00	\$ 357,245.00	\$ -	\$ 357,245.00	\$ 833,762.00	N/A
SAWPA Member Agencies	6.1 Programmatic CEQA	\$ 194,547.00	\$ 145,851.00	\$ 145,851.00	\$ -	\$ 145,851.00	\$ 340,398.00	\$ 29,170.20
SBVMWD	6.2 SBVMWD CEQA	\$ 140,985.00	\$ 105,697.00	\$ 105,697.00	\$ -	\$ 105,697.00	\$ 246,682.00	N/A
EMWD	6.3 EMWD CEQA	\$ 140,985.00	\$ 105,697.00	\$ 105,697.00	\$ -	\$ 105,697.00	\$ 246,682.00	N/A
OCWD, SBVMWD	7 - Permitting	\$ 7,928.00	\$ 122,519.00	\$ 122,519.00	\$ -	\$ 122,519.00	\$ 130,447.00	N/A
OCWD	7.1 OCWD Permitting	\$ 845.00	\$ 13,053.00	\$ 13,053.00	\$ -	\$ 13,053.00	\$ 13,898.00	N/A
SBVMWD	7.2 SBVMWD Permitting	\$ 7,083.00	\$ 109,466.00	\$ 109,466.00	\$ -	\$ 109,466.00	\$ 116,549.00	N/A
Upper Watershed	8.1 - 8.3 Conjunctive Use Design	\$ 4,288,651.00	\$ 3,215,211.00	\$ 3,215,211.00	\$ -	\$ 2,983,834.95	\$ 7,503,862.00	N/A
IEUA	8.1 Design: Chino Basin Conjunctive Use Program							
IEUA	8.1.1 Baseline Feeder Extension	\$ 1,129,268.00	\$ 846,615.00	\$ 846,615.00	\$ -	\$ 846,615.00	\$ 1,975,883.00	N/A
IEUA	8.1.2 Municipal Interties on Baseline Feeder Extension	\$ 64,676.00	\$ 48,488.00	\$ 48,488.00	\$ -	\$ 48,488.00	\$ 113,164.00	N/A
IEUA	8.1.3 Turnout on Baseline Feeder to San Sevain Creek	\$ 128,326.00	\$ 96,206.00	\$ 96,206.00	\$ -	\$ 96,206.00	\$ 224,532.00	N/A
IEUA	8.1.4 Diversion on San Sevaine Creek to Recharge Basin	\$ 71,863.00	\$ 53,875.00	\$ 53,875.00	\$ -	\$ 53,875.00	\$ 125,738.00	N/A
IEUA	8.1.5 Turnout on Devil Canyon-Azusa Pipeline	\$ 128,326.00	\$ 96,206.00	\$ 96,206.00	\$ -	\$ 96,206.00	\$ 224,532.00	N/A
IEUA	8.1.6 Production Wells in Chino/IEUA South Zone	\$ 51,330.00	\$ 38,483.00	\$ 38,483.00	\$ -	\$ 38,483.00	\$ 89,813.00	N/A
EMWD	8.2 Design: San Jacinto Conjunctive Use Program							
EMWD	8.2.1 Phase 1: Basin Development, Amenities	\$ 443,904.00	\$ 332,796.00	\$ 332,796.00	\$ -	\$ 332,796.00	\$ 776,700.00	N/A
EMWD	8.2.2 Phase 1: Extraction Wells and Associated Pipelines	\$ 702,119.00	\$ 526,381.00	\$ 526,381.00	\$ -	\$ 526,381.00	\$ 1,228,500.00	N/A
SBVMWD	8.3 Design: San Bernardino Basin Conjunctive Use Program							
SBVMWD	8.3.1 Production Wells and Transmission Pipelines	\$ 951,591.00	\$ 713,409.00	\$ 713,409.00	\$ -	\$ 713,409.00	\$ 1,665,000.00	N/A
SBVMWD	8.3.2 Expand Redlands Pump Stations	\$ 308,624.00	\$ 231,376.00	\$ 231,376.00	\$ -	\$ 231,376.00	\$ 540,000.00	N/A
WMWD	8.4 Design: Elsinore Conjunctive Use Program	\$ 308,624.00	\$ 231,376.00	\$ 231,376.00	\$ -	\$ 231,376.00	\$ 540,000.00	N/A
OCWD/SBVMWD	8.5 Habitat Design	\$ 501,309.00	\$ 672,710.00	\$ 672,710.00	\$ -	\$ 672,710.00	\$ 1,174,019.00	N/A
OCWD	8.5.1 Design: Arundo Removal	\$ 135,000.00	\$ 225,000.00	\$ 225,000.00	\$ -	\$ 225,000.00	\$ 360,000.00	N/A
SBVMWD	8.5.2.1 Design: Sucker Habitat - Anza Drain	\$ 108,407.00	\$ 132,497.00	\$ 132,497.00	\$ -	\$ 132,497.00	\$ 240,904.00	N/A
SBVMWD	8.5.2.2 Design: Sucker Habitat - Old Farm Road	\$ 128,805.00	\$ 157,429.00	\$ 157,429.00	\$ -	\$ 157,429.00	\$ 286,234.00	N/A
SBVMWD	8.5.2.3 Design: Sucker Habitat - Lower Hole Creek	\$ 44,853.00	\$ 54,820.00	\$ 54,820.00	\$ -	\$ 54,820.00	\$ 99,673.00	N/A
SBVMWD	8.5.3.4 Design: Sucker Habitat - Hidden Valley Wetlands	\$ 84,244.00	\$ 102,964.00	\$ 102,964.00	\$ -	\$ 102,964.00	\$ 187,208.00	N/A
All	9 Project Management Plan ²							
(d) Construction/Implementation		\$ 47,886,595.00	\$ 39,705,214.00	\$ 39,705,214.00	\$ 30,500,000.00	\$ 9,205,214.00	\$ 87,591,809.00	\$ 165,200.00
SAWPA Member Agencies	10 Construction Contracting ²							
SAWPA Member Agencies	11 Construction Administration ²							
Upper Watershed	12 - Conjunctive Use Construction	\$ 42,047,511.00	\$ 32,152,108.00	\$ 32,152,108.00	\$ 26,169,138.00	\$ 5,982,970.00	\$ 74,199,619.00	N/A
IEUA	12.1 Chino Basin Conjunctive Use Program							
IEUA	12.1.1 Baseline Feeder Extension	\$ 11,292,680.00	\$ 8,466,147.00	\$ 8,466,147.00	\$ 8,466,147.00	\$ -	\$ 19,758,827.00	N/A
IEUA	12.1.2 Municipal Interties on Baseline Feeder Extension	\$ 646,763.00	\$ 484,879.00	\$ 484,879.00	\$ 484,879.00	\$ -	\$ 1,131,642.00	N/A
IEUA	12.1.3 Turnout on Baseline Feeder to San Sevaine Creek	\$ 1,283,259.00	\$ 962,062.00	\$ 962,062.00	\$ 962,062.00	\$ -	\$ 2,245,321.00	N/A
IEUA	12.1.4 Diversion on San Sevaine Creek to Recharge Basin	\$ 718,625.00	\$ 538,755.00	\$ 538,755.00	\$ -	\$ 538,755.00	\$ 1,257,380.00	N/A
IEUA	12.1.5 Turnout on Devil Canyon-Azusa Pipeline	\$ 1,283,259.00	\$ 962,062.00	\$ 962,062.00	\$ -	\$ 962,062.00	\$ 2,245,321.00	N/A
IEUA	12.1.6 Production Wells in Chino/IEUA South Zone	\$ 513,304.00	\$ 384,824.00	\$ 384,824.00	\$ -	\$ 384,824.00	\$ 898,128.00	N/A
EMWD	12.2 San Jacinto Conjunctive Use Program							
EMWD	12.2.1 Phase 1: Recharge Basin Development, Amenities	\$ 4,439,041.00	\$ 3,327,959.00	\$ 3,327,959.00	\$ 2,327,959.00	\$ 1,000,000.00	\$ 7,767,000.00	N/A
EMWD	12.2.2 Phase 1: Extraction Wells and Associated Pipelines	\$ 6,611,195.00	\$ 5,263,805.00	\$ 5,263,805.00	\$ 4,793,996.00	\$ 469,809.00	\$ 11,875,000.00	N/A
SBVMWD	12.3 - San Bernardino Basin Conjunctive Use Program							
SBVMWD	12.3.1 Production Wells and Transmission Pipelines	\$ 9,086,905.00	\$ 7,134,095.00	\$ 7,134,095.00	\$ 7,134,095.00	\$ -	\$ 16,221,000.00	N/A
SBVMWD	12.3.2 Expand Redlands Pump Station	\$ 3,086,240.00	\$ 2,313,760.00	\$ 2,313,760.00	\$ -	\$ 2,313,760.00	\$ 5,400,000.00	N/A
WMWD	12.4 - Elsinore Conjunctive Use Program	\$ 3,086,240.00	\$ 2,313,760.00	\$ 2,313,760.00	\$ 2,000,000.00	\$ 313,760.00	\$ 5,400,000.00	N/A
OCWD/SBVMWD	12.5 - Habitat Implementation	\$ 5,013,084.00	\$ 6,727,106.00	\$ 6,727,106.00	\$ 3,699,262.00	\$ 3,027,844.00	\$ 11,740,190.00	N/A
OCWD	12.5.1 - Arundo Donax Removal	\$ 1,350,000.00	\$ 2,250,000.00	\$ 2,250,000.00	\$ 800,000.00	\$ 1,450,000.00	\$ 3,600,000.00	N/A
SBVMWD	12.5.2.1 Anza Drain	\$ 1,084,070.00	\$ 1,324,975.00	\$ 1,324,975.00	\$ 1,324,975.00	\$ -	\$ 2,409,045.00	N/A
SBVMWD	12.5.2.2 Old Farm Road	\$ 1,288,050.00	\$ 1,574,287.00	\$ 1,574,287.00	\$ 1,574,287.00	\$ -	\$ 2,862,337.00	N/A
SBVMWD	12.5.2.3 Lower Hole Creek	\$ 448,529.00	\$ 548,201.00	\$ 548,201.00	\$ -	\$ 548,201.00	\$ 996,730.00	N/A
SBVMWD	12.5.2.4 Hidden Valley Wetlands	\$ 842,435.00	\$ 1,029,643.00	\$ 1,029,643.00	\$ -	\$ 1,029,643.00	\$ 1,872,078.00	N/A
SAWPA	12.6 - Water Use Efficiency Implementation	\$ 826,000.00	\$ 826,000.00	\$ 826,000.00	\$ 631,600.00	\$ 194,400.00	\$ 1,652,000.00	\$ 165,200.00
SAWPA	12.6.1 Conservation-Based Water Rates	\$ 583,000.00	\$ 631,600.00	\$ 631,600.00	\$ 631,600.00	\$ -	\$ 1,214,600.00	^b
SAWPA	12.6.2 Smartscape	\$ 243,000.00	\$ 194,400.00	\$ 194,400.00	\$ -	\$ 194,400.00	\$ 437,400.00	^b
All	Grand Total	\$ 55,000,000.00	\$ 46,272,899.00	\$ 46,272,899.00	\$ 30,500,000.00	\$ 15,772,899.00	\$ 101,272,899.00	\$ 594,370.20

* For most Tasks, the Grant Amount in column (a) was determined by multiplying three percentage values by the individual Tasks' Total Costs in column (c). The percentage values used depended on the type of Task. Tasks that were Conjunctive Use related used a 57% multiplier, Habitat Creation related used a 45% multiplier and Arundo Donax related used a 37% multiplier.
 1 Funding match will be provided by the five Santa Ana Watershed Project Authority (SAWPA) member agencies: Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency (IEUA), Orange County Water District (OCWD), San Bernardino Valley Municipal Water District (SBVMWD) and Western Municipal Water District (WMWD).
 2 All Tasks 1-12 reflect the State's Work Plan. Tasks marked with "2" footnote do not have a specific funding line item. Those tasks will be completed using funds accounted in the other task line items.
 a Task 4 Land Purchase will be split amongst three agencies with EMWD receiving \$410,000 in grant funding, SBVMWD receiving \$429,000 in grant funding, and WMWD providing \$200,000 in local match.
 b OCWD's local cost share funding originally intended for Smartscape Task 12.6.2 was added to Conservation-Based Water Rates Task 12.6.1.

SARCCUP: FUNDING BY AGENCY

Lead Agency	Color	(a)	(b)	(b total)	(b1)	(b2)	(c)	(e)	(f)
		Requested Grant Amount	Total Local Match: Non-State Fund Source*	Total Local Match: Columns b1 + b2 **	Reported Local Match	Additional Local Match	Total Cost	Total Local Match Equally Shared By Agency	Receive or Pass a Portion of Local Match***
EMWD		\$ 12,786,153.40	\$ 10,151,008.20	\$ 9,785,808.20	\$ 7,121,955.00	\$ 2,663,853.20	\$ 22,937,161.60	\$ 9,254,579.80	\$ 896,428.40
IEUA		\$ 17,350,588.40	\$ 13,572,972.20	\$ 13,207,772.20	\$ 9,913,088.00	\$ 3,294,684.20	\$ 30,923,560.60	\$ 9,254,579.80	\$ 4,318,392.40
OCWD		\$ 1,524,754.40	\$ 3,082,423.20	\$ 2,717,223.20	\$ 800,000.00	\$ 1,917,223.20	\$ 4,607,177.60	\$ 9,254,579.80	\$ (6,172,156.60)
SBVMWD		\$ 18,078,730.40	\$ 16,126,989.20	\$ 15,761,789.20	\$ 10,033,357.00	\$ 5,728,432.20	\$ 34,205,719.60	\$ 9,254,579.80	\$ 6,872,409.40
WMWD		\$ 3,433,773.40	\$ 3,339,506.20	\$ 2,974,306.20	\$ 2,000,000.00	\$ 974,306.20	\$ 6,773,279.60	\$ 9,254,579.80	\$ (5,915,073.60)
SAWPA/Consultant		\$ 1,826,000.00	\$ -	\$ 1,826,000.00	\$ 631,600.00	\$ 1,194,400.00	\$ 1,826,000.00	\$ -	\$ -
Grand Total		\$ 55,000,000.00	\$ 46,272,899.00	\$ 46,272,899.00	\$ 30,500,000.00	\$ 15,772,899.00	\$ 101,272,899.00	\$ 46,272,899.00	\$ (0.00)

*Represents the funding to be provided by agency to implement their tasks as well as the shared obligation to implement Task 1 Project Management, Task 5 SARCCUP Master Plan, Task 6.1 Programmatic CEQA, and Task 12.6 Water Use Efficiency Implementation. Column (b) is not the same as (b total) because (b) shows that SAWPA is not providing local match for SARCCUP implementation; columns (b total) and (b1) are reflecting the reporting obligation to DWR.
 **Represents the local match funding to be reported to DWR and the non-reported additional local match. Columns (b) and (b total) are not the same because SAWPA is receiving the (b1) and (b2) SAWPA/Consultant line item funding amounts from the SAWPA member agencies.
 ***No agency will give local match beyond the equal share of the Total Local Match shown in column (b), but as some tasks have more expenses associated with them than others, those agencies implementing tasks with smaller budgets will pass through a portion of the local match to the agencies implementing the larger budgeted tasks.

SARCCUP SUB-GRANTEE CONTRACT AMOUNTS

Lead Agency ¹	Color	(a)	(g)	(h)
		Requested Grant Amount	Total Local Match for Contract ²	Total Contract Amount
EMWD		\$ 12,786,153.40	\$ 10,119,965.20	\$ 22,906,118.60
IEUA		\$ 17,350,588.40	\$ 13,541,929.20	\$ 30,892,517.60
OCWD		\$ 1,524,754.40	\$ 3,051,380.20	\$ 4,576,134.60
SBVMWD		\$ 18,078,730.40	\$ 16,095,946.20	\$ 34,174,676.60
WMWD		\$ 3,433,773.40	\$ 3,308,463.20	\$ 6,742,236.60
SAWPA/RMC		\$ 1,826,000.00	\$ -	\$ 1,826,000.00
Contract Total		\$ 55,000,000.00	\$ 46,117,684.00	\$ 101,117,684.00
Letter Agreement For RMC Consultant - Contributions Per Agency		\$ -	\$ 31,043.00	\$ 31,043.00
Letter Agreement for RMC Consultant - Total Contributions		\$ -	\$ 155,215.00	\$ 155,215.00
Grand Total		\$ 55,000,000.00	\$ 46,272,899.00	\$ 101,272,899.00

1 All agencies are Sub-Grantees, except SAWPA which is the Grantee.
 2 Represents the Total Local Match shown in column (b) less the Letter Agreement Amount.

SARCCUP SUB-GRANTEE INVOICE AMOUNTS

Funding Basis	Description	Period Covered by Funding	Funding Type	(i)
				Funding Level
Total Cost	RMC Contract Total	FYE 2016 - FYE 2021	Grant and Match	\$ 1,284,488.00
Total Cost	RMC Cost Share Phase 1 - Letter Agreement	Half of FYE 2017	Match	\$ 155,215.00
Total Grant	Grant Funding for RMC	FYE 2017	Grant	\$ 284,488.00
Total Match for Task	Task 12.6 Cost Share Needed	FYE 2016 - FYE 2021	Match	\$ 826,000.00
Calculation	Total Contract - Letter Agreement - Grant + Task Cost Share	FYE 2016 - FYE 2021	Match	