



# 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, Vice President, Board of Directors of the Western Municipal Water District
- Joe Grindstaff, General Manager, Inland Empire Utilities Agency [Vice Chair]
- Douglas Headrick, General Manager, San Bernardino Valley Municipal Water District [Chair]
- Paul D. Jones, General Manager, Eastern Municipal Water District
- Michael Markus, General Manager, Orange County Water District

**THURSDAY, DECEMBER 22, 2016 – 8:30 A.M.**

[Regular meetings of the Project Agreement 23 Committee are held immediately following the regular meetings of the Project Agreement 22 Committee, but no earlier than 8:30 a.m.]

1. **CALL TO ORDER** (Douglas Headrick, 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: SEPTEMBER 22, 2016**.....5  
**Recommendation:** Approve as posted.
4. **COMMITTEE DISCUSSION ITEMS**
  - A. **SARCCUP DETAILED SCHEDULE PRESENTATION AND ALTERNATE IMPLEMENTATION TIMELINE/MILESTONES**.....9  
**Presenters:** IEUA and RMC Consultant  
**Recommendation:** Provide feedback on alternative timeline.
  - B. **SARCCUP DECISION SUPPORT MODEL RESULTS (PA23#2016.7)** .....11  
**Presenter:** CH2M Hill  
**Recommendation:** Provide feedback on the model's results.
  - C. **PA 23 COMMITTEE MEETING CANCELLATION PROTOCOL**  
**Presenter:** SAWPA  
**Recommendation:** Discuss and approve meeting cancellation protocol.

**5. INFORMATIONAL REPORTS**

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

- A. **FUNDING AGREEMENT – SARCCUP MOU AMENDMENT**  
Presenter: WMWD
- B. **GRANT AGREEMENT AND SUB-AGREEMENTS STATUS**  
Presenter: SAWPA
- C. **METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA AGREEMENTS STATUS**  
Presenters: EMWD and SBVMWD
- D. **CALIFORNIA ENVIRONMENTAL QUALITY ACT DOCUMENTS STATUS**  
Presenter: IEUA
- E. **SARCCUP PERFORMANCE STANDARDS**  
Presenter: OCWD
- F. **PROJECT AGREEMENT 23 MODIFICATIONS STATUS**  
Presenter: SAWPA  
Recommendation: Receive and file.

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

**7. 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](http://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, December 15, 2016, a copy of this agenda has been uploaded to the SAWPA website at [www.sawpa.org](http://www.sawpa.org) and posted in SAWPA's office at 11615 Sterling Avenue, Riverside, California.

/s/

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Kelly Berry, CMC

**2017 Project Agreement 23 Committee Regular Meetings**

Fourth Thursday of Every Month

(Note: All meetings will be held immediately following the regular meetings of the PA 22 Committee, but no earlier than 8:30 a.m., unless otherwise noticed, and are held at SAWPA.)

<b>January</b> 1/26/17 Regular Committee Meeting	<b>February</b> 2/23/17 Regular Committee Meeting
<b>March</b> 3/23/17 Regular Committee Meeting	<b>April</b> 4/27/17 Regular Committee Meeting
<b>May</b> 5/25/17 Regular Committee Meeting	<b>June</b> 6/22/17 Regular Committee Meeting
<b>July</b> 7/27/17 Regular Committee Meeting	<b>August</b> 8/24/17 Regular Committee Meeting
<b>September</b> 9/28/17 Regular Committee Meeting	<b>October</b> 10/26/17 Regular Committee Meeting
<b>November</b> 11/16/17* Regular Committee Meeting*	<b>December</b> 12/28/17 Regular Committee Meeting

\* Meeting date adjusted due to conflicting holiday.

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**PROJECT AGREEMENT 23 COMMITTEE**  
Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)  
**REGULAR MEETING MINUTES**  
**September 22, 2016**

**COMMITTEE MEMBERS PRESENT**

P. Joseph Grindstaff, General Manager, Inland Empire Utilities Agency [Vice Chair]  
Douglas Headrick, General Manager, San Bernardino Valley Municipal Water District [Chair]  
Michael Markus, General Manager, Orange County Water District  
John Rossi, General Manager, Western Municipal Water District [Alternate]

**ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]**

None.

**COMMITTEE MEMBERS ABSENT**

Thomas P. Evans, Vice President, Western Municipal Water District  
Paul D. Jones, General Manager, Eastern Municipal Water District

**MEMBER AGENCY STAFF PRESENT**

**Eastern Municipal Water District**  
Nick Kanetis  
Kelley Gage  
Brian Powell

**Inland Empire Utilities Agency**  
Sylvie Lee

**Orange County Water District**  
Adam Hutchinson

**San Bernardino Valley Municipal Water District**  
Bob Tinchler

**Western Municipal Water District**  
Craig Miller  
Tim Barr  
Ryan Shaw

**Santa Ana Watershed Project Authority**  
Larry McKenney  
Mark Norton  
Ian Achimore  
Kelly Berry  
Sara Villa

**OTHERS PRESENT**

Brian Dietrick, RMC Water & Environment

**1. CALL TO ORDER**

The regular meeting of the PA 23 Committee was called to order at 8:31 a.m. by Chair Headrick 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: AUGUST 25, 2016**

Chair Headrick called for a motion to approve the meeting minutes.

**MOVED**, approve August 25, 2016 meeting minutes.

Result: **Adopted (Unanimously; 4-0)**  
 Motion/Second: Grindstaff/Markus  
 Ayes: Grindstaff, Headrick, Markus, Rossi  
 Nays: None  
 Abstentions: None  
 Absent: Jones

**4. COMMITTEE DISCUSSION ITEMS**

**A. PROJECT AGREEMENT 23 COMMITTEE BUDGET FOR FISCAL YEAR ENDING (FYE) 2017 (PA23#2016.5)**

Ian Achimore provided a PowerPoint presentation briefly reviewing the critical success factors and outlining the budget development process for PA 23 Committee Budget for FYE 2017. The Budget was prepared with the planning managers and in accordance with provisions outlined in the Project Agreement 23. This budget approval is for Fiscal Year 2017, only, as follows:

**FYE 2017 Budget Total for PA 22 and PA 23 Committees - SARCCUP**

	<b>Fund/Task</b>	<b>Requested Grant Amount</b>	<b>Local Match: Non-State Fund Source</b>	<b>Total</b>
E	PA 23 FYE 2017 Budget	\$3,326,433	\$2,781,327	6,107,760
F	PA 22 Phase II FYE 2017 Budget	\$197,600	\$191,120	\$388,720
<b>Total</b>	<b>FYE 2017 Budgets</b>	<b>\$3,524,033</b>	<b>\$2,972,447</b>	<b>\$6,496,480</b>

Following is a breakdown of Line E referenced in the table above:

**FYE 2017 PA 23 Committee Budget**

	<b>Fund/Task</b>	<b>Requested Grant Amount</b>	<b>Local Match: Non-State Fund Source</b>	<b>Total</b>
A	SAWPA Administration of PA 23 Committee/ Planning Managers Mtgs	\$99,885	\$0	\$99,885
B	RMC/SAWPA Program Management	\$302,383	\$25,941	\$328,324
C	Pass Through	\$2,924,165	\$2,755,386	\$5,679,551
<b>Total</b>	<b>PA 23 FYE 2017 Budget</b>	<b>\$3,326,433</b>	<b>\$2,781,327</b>	<b>6,107,760</b>

**MOVED**, adopt the Project Agreement 23 Committee Budget for Fiscal Year Ending (FYE) 2017, and receive an informational report regarding the Estimated Project Cost Projections.

Result:	<b>Adopted (Unanimously; 4-0)</b>
Motion/Second:	Markus/Grindstaff
Ayes	Grindstaff, Headrick, Markus, Rossi
Nays:	None
Abstentions:	None
Absent:	Jones

**B. GRANT AGREEMENT AND SUB-AGREEMENT STATUS**

Mark Norton provided and oral status report which included ongoing discussions with DWR. He referenced the grant agreement workplan and schedule, noting that there are a few adjustments yet to be made. The sub-agreements with the member agencies are anticipated to be finalized by January 2017.

This item was for informational purposes; no action was taken on Agenda Item No. 4.B.

**C. LETTER AGREEMENT – COST SHARING FOR CASH FLOW PURPOSES TO FUND THE SARCCUP PROGRAM MANAGEMENT SERVICES CONSULTANT CONTRACT**

Mark Norton advised that the planning managers requested a cost sharing letter agreement to set forth the understanding between the member agencies regarding the need for cash flow for the first six-month phase of SARCCUP; specifically, for consultant program management services.

**MOVED**, approve a Cost Sharing Letter Agreement for cash flow purposes to fund the first six months of the SARCCUP Program Management Services Consultant Contract to be signed by all SARCCUP agencies and SAWPA.

Result:	<b>Adopted (Unanimously; 4-0)</b>
Motion/Second:	Grindstaff/Markus
Ayes	Grindstaff, Headrick, Markus, Rossi
Nays:	None
Abstentions:	None
Absent:	Jones

**D. SARCCUP AGREEMENTS DEVELOPMENT TIMELINE STATUS**

Mark Norton referenced the SARCCUP Agreement Timeline on page 47 of the agenda packet, developed by the consultant and planning managers. Discussion ensued regarding the SARCCUP project timeline, possible designation of more water to other basins, and potential pipeline relocation. The need for development of meaningful milestones and deadlines as well as potential alternatives was also discussed.

This item was for informational purposes; no action was taken on Agenda Item No. 4.D.

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

There were no requests for future agenda items.

**6. ADJOURNMENT**

There being no further business for review, Chair Headrick adjourned the meeting at 9:08 a.m.

**Approved at a Regular Meeting of the Project Agreement 23 Committee on Thursday,  
December 22, 2016.**

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Douglas Headrick, Chair

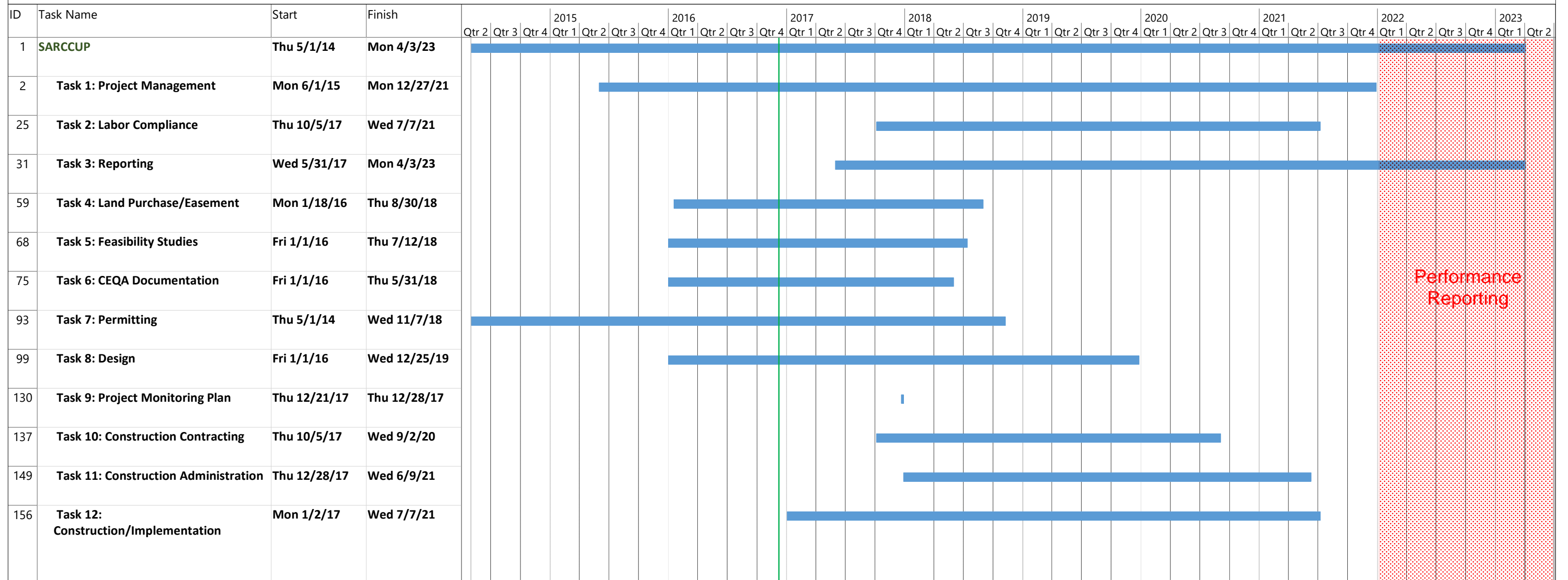
Attest:

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Kelly Berry, CMC  
Clerk of the Board



## Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) Schedule



Project: SARCCUP Schedule\_28  
Date: Thu 12/8/16

Task ██████████

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## COMMITTEE MEMORANDUM NO. 2016.7

**DATE:** December 22, 2016  
**TO:** Project Agreement 23 Committee  
**FROM:** SARCCUP Planning Managers  
**SUBJECT:** Decision-Support Model for SARCCUP

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### Recommendation

Provide feedback on the model's results of *SARCCUP Decision Support Model*.

### Discussion

In January of this year, Inland Empire Utilities Agency, Eastern Municipal Water District, Orange County Water District, San Bernardino Valley Municipal Water District and Western Municipal Water District (Agencies) selected CH2M to develop a decision-support model that could be used to optimize the proposed Santa Ana River Conservation and Conjunctive Use Project facilities with the overarching goals to (1) simulate the anticipated operations of the facilities, (2) quantify the benefits, (3) quantify the costs and (4) help identify future phases of SARCCUP.

This project has been generally divided into the following tasks:

- Task 1 – Gather Data (complete)
- Task 2 – Develop Overarching Goals and Priorities (95% complete)
- Task 3 – Develop Decision Support Model (in process)
- Task 4 – Run Model to Optimize SARCCUP (starting this month)
- Task 5 – Final Report and Model Documentation
- Task 6 – Training

CH2M recently completed its modeling results of the *SARCCUP Decision Support Model*. A presentation about the model results will be presented by CH2M for the Project Agreement 23 Committee. The Planning Managers are asking the Project Agreement 23 Committee to provide feedback about the model results.

### Background

Proposition 84, The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, authorized over \$1.5 billion for water supply and water

quality projects (Chapter 2) throughout the State of California. The funding was allocated by region with the Santa Ana [watershed] region being allocated \$114 million under Chapter 2 and the Santa Ana Watershed Project Authority (SAWPA), as the Regional Water Management entity, administers the grant funds. So far, the State has released funding under Prop 84 four times. The first round provided \$12.7 million, the second round provided \$15.6 million, the “drought round” provided \$12.9 million and the final round provided about \$64.3 million. Of the \$64.3 million awarded during the final round, the SARCCUP project received \$55 million.

SARCCUP was originally conceived when the Agencies decided to explore the possibility of developing one, or more, watershed-scale projects that would provide benefits to the entire watershed and might only be feasible given a large grant, or other, funding.

The Agencies worked collaboratively to develop SARCCUP, a watershed-scale program that at the time of the application to the OWOW Steering Committee, generally consists of the following project elements:

1. **Arundo removal and habitat creation/restoration projects for Santa Ana Sucker (\$5 million grant request); savings 2,000 acre-feet per year (AFY):** remove the remaining 500 acres of arundo in the watershed which will save about 2,000 acre-feet per year and construct about 3.5 miles of habitat for Santa Ana Sucker in order to obtain permits for various water supply projects such as the Enhanced Recharge in Santa Ana River Basins Project.
2. **Water use efficiency (\$826,000 grant request); savings 7,439 AFY:** expansion of the existing water use efficiency program that received grant funding during Proposition 84, Round 2 to provide drought tolerant landscaping maintenance support and provide funds to help up to five (5) agencies switch to conservation based water rate structures.
3. **Create water banks in the watershed (\$49 million grant request); dry year yield 60,000 AFY:** create a diversified, upstream water bank that can be used to store wet year water and then pump that water during droughts, providing dry year yield. Recharge ponds and/or extraction wells will be constructed to develop the following banking locations:

<b>Basin</b>	<b>Storage (AF)</b>	<b>Dry Year Yield (AF/Y) for 3 Years</b>
Chino	96,000	32,000
Elsinore	4,500	1,500
San Bernardino	60,000	20,000
San Jacinto	19,500	6,500
<b>TOTAL</b>	<b>180,000</b>	<b>60,000</b>

Staff from the Agencies and SAWPA have been working together to plan the overall implementation of SARCCUP and have been working on the Master Plan task which is funded entirely by the Agencies as part of their local share. The Agencies divided the Master Plan development into two-steps with the first step being the development of a decision-support model (model). CH2M was selected for this project at a total cost of about \$250,000 which is being shared equally amongst the Agencies.