1. CALL TO ORDER (Kati Parker, 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: October 1, 2019 .................................................................3
Recommendation: Approve as posted.

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

A. SARCCUP DETAILED SCHEDULE .......................................................................................7
   Presenter: Woodard & Curran

B. SARCCUP Project Updates .....................................................................................................13
   Presenter: SARCCUP Project Proponents

C. Department of Water Resources (DWR) Grant Agreement Amendment No. 2 Update (PA23#2019.5) ........................................................................................................23
   Presenter: SAWPA

D. Metropolitan Water District of Southern California (MWDSC) Operating Agreements Update
   1. SBVMWD-MWDSC Coordinated Operating and Surplus Water Sale Agreement
      Presenter: SBVMWD
   2. SARCCUP Coordinated Operating Agreement
      Presenter: EMWD
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](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 12, 2019, a copy of this agenda has been uploaded to the SAWPA website at [www.sawpa.org](http://www.sawpa.org) and posted at SAWPA’s office, 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

---

**2020 Project Agreement 23 Committee Regular Meetings**
First Tuesday of Every Other Month (February, April, June, August, October, December)
(Note: All meetings will be held at 8:30 a.m., unless otherwise noticed, and are held at SAWPA.)

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Type</th>
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<tbody>
<tr>
<td>February</td>
<td>2/4/20</td>
<td>Regular Committee Meeting</td>
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<tr>
<td>June</td>
<td>6/2/20</td>
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<td>October</td>
<td>10/6/20</td>
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<tr>
<td>April</td>
<td>4/7/20</td>
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<tr>
<td>August</td>
<td>8/4/20</td>
<td>Regular Committee Meeting</td>
</tr>
<tr>
<td>December</td>
<td>12/1/20</td>
<td>Regular Committee Meeting</td>
</tr>
</tbody>
</table>
COMMITTEE MEMBERS PRESENT
Kati Parker, Chair, Inland Empire Utilities Agency Governing Board
Brenda Dennstedt, Vice Chair, Western Municipal Water District Governing Board
Paul D. Jones, Eastern Municipal Water District General Manager
Michael Markus, Orange County Water District General Manager
Susan Lien Longville, San Bernardino Valley Municipal Water District Governing Board

ALTERNATE COMMITTEE MEMBERS PRESENT [Non-Voting]
None.

COMMITTEE MEMBERS ABSENT
None.

MEMBER AGENCY STAFF PRESENT
Eastern Municipal Water District
Lanaya V. Alexander
Brian Powell
Leighanne Kirk

Inland Empire Utilities Agency
Joshua Aguilar

San Bernardino Valley Municipal Water District
Matthew Howard

Western Municipal Water District
Craig Miller
Ryan Shaw
Jason Pivovaroff

Orange County Water District
Adam Hutchinson

Santa Ana Watershed Project Authority
Rich Haller
Karen Williams
Larry McKenney
Mark Norton
Ian Achimore
Kelly Berry

OTHERS PRESENT
Woodard & Curran: Brian Dietrick

1. CALL TO ORDER
The regular meeting of the PA 23 Committee was called to order at 8:32 a.m. by Chair Parker 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: June 4, 2019**

MOVED, approve the June 4, 2019 meeting minutes.

Result: **Adopted (Unanimously)**

Motion/Second: Markus/Jones

Ayes: Dennstedt, Jones, Longville, Markus, Parker

Nays: None

Abstentions: None

Absent: None

The Committee next considered Agenda Item No. 5.A.

4. **COMMITTEE DISCUSSION ITEMS**

   **A. DWR GRANT AGREEMENT AMENDMENT NO. 2 (PA23#2019.4)**

Ian Achimore provided the PowerPoint presentation including a brief background on SARCCUP and the DWR Grant Agreement contained in the agenda packet on pages 12 – 18. A discussion ensued regarding project and schedule changes. It was the consensus of the Committee to make the following changes to the recommendation: (1) the schedule length would be increased from September 2021 to September 2023; and, the following will be contingent on Chino Basin Watermaster approval: removal of the Colorado River Aqueduct Crossing (CRA) and Jurupa Community Services District (JCSD) Well from the SARCCUP Scope of Work and moving $5 Million in grant funding from the CRA/JCSD projects to the Riverside-Arlington Wells/Pipeline and Canon Pump Station.

MOVED, approve the following: (1) Removal of the Colorado River Aqueduct Crossing (CRA) and Jurupa Community Services District (JCSD) Well from the SARCCUP Scope of Work and moving $5 Million in grant funding from the CRA/JCSD projects to the Riverside-Arlington Wells/Pipeline and Canon Pump Station, contingent to Chino Basin Watermaster approval; (2) Increase the length of the schedule from September 2021 to September 2023; (3) Receive and file the update on the Orange County Water District wells and potential wellhead treatment; and (4) Follow up with the Committee on a final amendment package.

Result: **Adopted (Unanimously)**

Motion/Second: Jones/Dennstedt

Ayes: Dennstedt, Jones, Longville, Markus, Parker

Nays: None

Abstentions: None

Absent: None

The Committee next considered Agenda Item No. 5.B.

5. **INFORMATIONAL REPORTS**

   **A. SARCCUP DETAILED SCHEDULE**
Brian Dietrick, Woodard & Curran reviewed the SARCCUP detailed schedule contained in the agenda packet on pages 19 – 20 including the SARCCUP project proposed schedule extension to be submitted to the Department of Water Resources. There was no discussion. This item was for informational purposes; no action was taken on Agenda Item No. 5.A.

The Committee next considered Agenda Item No. 4.A.

B. SAWPA SUB-AGREEMENT STATUS UPDATES
Mark Norton provided an oral update on the SAWPA Sub-Agreements, noting that DWR will evaluate the schedule extension based on the bond requirements. There was no discussion.

This item was for informational purposes; no action was taken on Agenda Item No. 5.B.

C. METROPOLITAN WATER DISTRICT OPERATING AGREEMENT TERM SHEET AND SARCCUP OPERATIONAL SCENARIOS
Brian Powell, EMWD, provided an oral report noting the Metropolitan Water District (MWD) operating agreement term sheet has been reviewed by EMWD staff and the agreement will be finalized by the end of 2019 or beginning of 2020. There was no discussion.

This item was for informational purposes; no action was taken on Agenda Item No. 5.C.

6. COMMITTEE MEMBER REQUESTS FOR FUTURE AGENDA ITEMS
There were no requests for future agenda items.

7. ADJOURNMENT
There being no further business for review, Chair Parker adjourned the meeting at 9:09 a.m.

Approved at an Adjourned Regular Meeting of the Project Agreement 23 Committee on Tuesday, December 17, 2019.

Kati Parker, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board
## SARCCUP Schedule

Brian Dietrick, Woodard & Curran  
PA 23 Committee | December 17, 2019  
Item No. 4.A.

### 2017-2021 Schedule

<table>
<thead>
<tr>
<th>Year</th>
<th>Grant Contract</th>
<th>Key Agreements/Projects</th>
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<tbody>
<tr>
<td>2017</td>
<td>Master Plan - Decision Support Model</td>
<td>San Jacinto CEQA</td>
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<tr>
<td>2018</td>
<td>Joint CEQA</td>
<td>Habitat CEQA</td>
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<tr>
<td>2019</td>
<td>San Jacinto Watermaster</td>
<td>Habitat CEQA</td>
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<tr>
<td>2020</td>
<td>MWD Operating Agreement and Cooperating Agreement*</td>
<td>San Jacinto CEQA</td>
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<tr>
<td></td>
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<td>Habitat CEQA</td>
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<tr>
<td>2021</td>
<td>DWR Grant Amendment No. 1</td>
<td>Habitat CEQA</td>
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</table>

**Current Deadline: Sept. 2021**

### Projects:

- **SAWPA**: Implementation – Smartscapes and Water Budgets
- **EMWD**: Planning/Permits/Design  
  - Construction – Water Bank
- **OCWD**: Arundo Removal Study/Permits/Design  
  - Construction – Arundo Removal
- **SBVMWD**: Design/Bio Surveys/Agency Review/Engineering  
  - Construction – OC Wells/Wellhead Treatment
- **WMWD**: Planning/Design/Well Siting/Permits  
  - Construction – Sterling, La Sierra Pipeline
  - *Agreement 1 between: MWDSC and SBVMWD; Agreement 2 between: MWDSC and EMWD/WMWD/IEUA/MWDOC
  - Construction: Elsinore Wells, Riverside-Arlington Wells, Cannon PS, Transmission, Disinfection
### 2017-2020

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<tr>
<th>Year</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
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<tr>
<td>San Jacinto CEQA</td>
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<td>Key Agreements:</td>
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<td>MWD Operating Agreement and Cooperation</td>
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<td>Sub-Grantee Agreements (5)</td>
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<td>MWD Agmts. (2)*</td>
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<td>Amend. No. 2</td>
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<td>SARCCUP Agencies Operating</td>
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### Projects:
- SAWPA: Smartscape and Water Budgets
- EMWD: Construction – Water Bank
- OCWD: Construction – Arundo Removal
- OCWD: Construction – OC Wells/Treatment
- SBVMWD: Construction – Habitat (Groups 1 & 2)
- WMWD: Planning/Design

*Agreement 1 between: MWDSC and SBVMWD; Agreement 2 between: MWDSC and EMWD/WMWD/IEUA/MWDSC*
### 2020-2023 Agency Slides

#### SAWPA Water Use Efficiency Project

**Program Management**

- **Quarterly Reporting**

**Key Agreements and Grant Deliverables:**

- **OCCK Smartscape - Implementation**
- **Water Budgets - Implementation**
- **OCCX Smartscape - Implementation**

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<td>SAWPA Water Use Efficiency Project</td>
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<td><strong>EMWD Conjunctive Use Project</strong></td>
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<td><strong>Current Construction Deadline</strong></td>
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<td>Well Equipping, Discharge Pipelines</td>
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<td><strong>OCWD Arundo Removal Project</strong></td>
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<td><strong>Construction – Arundo Removal</strong></td>
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<td><strong>Construction – OC Wells/Wellhead Treatment</strong></td>
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<td><strong>WMWD Conjunctive Use Project</strong></td>
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<td>NEW Construction Deadline Sept. 2023</td>
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</table>
SARCCUP Project Updates

SARCCUP Project Proponents
PA 23 Committee | December 17, 2019
Item No. 4.B.

OCWD Project Update – Arundo Removal
EMWD Project Update – San Jacinto Basin
EMWD Project Update

Well 201 – Photo Shows Well Head, Equipping Phase Next

Well 201 - Drilling Complete, Photo Shows Test Pump Being Installed

EMWD Project Update - Wells 201, 202 & 203

Well 201 - Photo Shows Well Head, Equipping Phase Next

Well 201 - Drilling Complete, Photo Shows Test Pump Being Installed
EMWD Project Update - Wells 201, 202 & 203

Well 202 - Drilling Complete, Photo Shows Well Head, Equipping Phase Next

Well 202 - Grading Complete, Photo Shows Casing Being Installed

Well 203 - Photo Shows Well Reaming

Well 203 - Photo Shows Pump Development
EMWD Project Update - Mountain Avenue West

OCWD Project Update - Arundo Removal
Prado Basin

Enlarged Area

SARCCUP Enlarged Area of Arundo Removal

12/12/2019

10

12/12/2019

17
Sterling Pump Station and La Sierra Pipeline

Installation of Pipe B into Sterling Avenue / Connection of Pipes B and C

Valve installed in Flow Control Vault

Cannon Campbell Pump Station

Western Municipal Water District
REQUEST FOR PROPOSAL:

New Pump Station and Interconnection with Riverside Public Utilities (RPU)

<table>
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<tr>
<th>Level</th>
<th>Target Date</th>
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<tbody>
<tr>
<td>RFP Solicitation Date</td>
<td>December 2014</td>
</tr>
<tr>
<td>Solicitation to Award Solicitation Proposals</td>
<td>December 2014</td>
</tr>
<tr>
<td>Proposed Solicitation – Proposal Due 07/31/2014</td>
<td>January 2015</td>
</tr>
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</table>
Riverside-Arlington Wells

Application filed and approved 11/21/19 by Chino Basin Watermaster

7,000 AF

Chino Basin Storage - JCSD

Application filed and approved 11/21/19 by Chino Basin Watermaster

7,000 AF
Questions
DATE: December 17, 2019

TO: SAWPA Project Agreement 23 Committee

SUBJECT: Department of Water Resources (DWR) Grant Agreement Amendment No. 2 Update

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Receive and file.

DISCUSSION

At the April 2, 2019 and October 1, 2019 PA 23 Committee meetings, the Committee approved several components to include in the Department of Water Resources (DWR) Grant Agreement Amendment No. 2. These include updating the total SARCCUP conjunctive use (water bank) storage volume from 180,000 acre feet (AF) to the range of 136,000 to 144,000 AF, moving $8 million in grant funding from the Chino Basin to Orange County Basin groundwater well projects, and increasing the length of the schedule from September 2021 to September 2023. Since the October PA 23 Committee meeting, the SARCCUP Project Proponents have:

- Acquired 7,000 AF in groundwater storage in the Chino Basin,
- Worked with groundwater producers in the Orange County Basin to finalize the scope of work and budget for the new groundwater wells, and
- Received DWR management’s approval for the two-year schedule increase.

These changes are explained in detail below. With the changes, the total SARCCUP storage volume now falls within that PA 23 Committee-approved range at 137,000 AF as shown in Table 1 below. SAWPA is now working with the SARCCUP project proponents to submit the detailed workplan, schedule and budget to DWR by the end of December 2019.

<table>
<thead>
<tr>
<th>Groundwater Basin (SARCCUP Agency)</th>
<th>Nov-2016 (Approved Grant Agreement)</th>
<th>Jan-2018 (Approved Amendment 1)</th>
<th>Dec-2019 (Amendment 2 Request)</th>
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</thead>
<tbody>
<tr>
<td>San Bernardino (SBVMWD)</td>
<td>60,000</td>
<td>64,000</td>
<td>64,000</td>
</tr>
<tr>
<td>Chino (IEUA/WMWD)</td>
<td>96,000</td>
<td>50,000</td>
<td>7,000</td>
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<td>San Jacinto (EMWD)</td>
<td>19,500</td>
<td>19,500</td>
<td>19,500</td>
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<td>Elsinore (WMWD)</td>
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<td>4,500</td>
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<tr>
<td>Orange County (OCWD)</td>
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<td>36,000</td>
<td>36,000</td>
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<tr>
<td>Riverside-Arlington (WMWD)</td>
<td>0</td>
<td>6,000</td>
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</tr>
<tr>
<td>TOTAL</td>
<td>180,000</td>
<td>180,000</td>
<td>137,000</td>
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</table>
Groundwater Storage in the Chino Basin
On November 21, 2019, the Chino Basin Watermaster Board approved Jurupa Community Services District’s (JCSD) 7,000 AF recharge application. The application was done in coordination with SARCCUP project proponent Western Municipal Water District (WMWD). No project facilities need to be constructed as part of the JCSD-WMWD partnership, as the up to 7,000 AF can be provided to WMWD as an in-lieu transfer of banked groundwater for imported water. Per the PA 23 Committee request at the October Committee meeting, WMWD will provide the memorandum of understanding between JCSD and WMWD that articulates this partnership at a future PA 23 Committee meeting.

Orange County Groundwater Basin Wells
Orange County Water District (OCWD) finalized the work plan and budget estimates for the five additional wells that will be constructed as part of SARCCUP. The wells will be constructed by five groundwater producers in the OCWD service area: the cities of Fullerton, Orange, and Tustin, and East Orange County Water District and Mesa Water District.

DWR Feedback on Schedule Increase
SAWPA met with DWR management on November 5, 2019 after receiving approval from the PA 23 Committee on the two-year schedule increase. DWR staff initially had concerns with the schedule change, but management was okay with the change as it will allow the SARCCUP Team to expand the project into Orange County with the construction of the additional wells. SAWPA is still coordinating the benefit reduction from the initial 180,000 to the 137,000 AF level. DWR has stated they will not make a decision on approving the benefit reduction until the final budget and work plan are submitted as part of the Amendment No. 2 request. SAWPA is working with the SARCCUP project proponents to submit the documents to DWR by the end of December 2019.

BACKGROUND
SARCCUP includes three components: 1) habitat and ecosystem restoration, 2) water use efficiency, and 3) conjunctive use (water banking). The primary goal of the conjunctive use component is to store available imported water in a multi-basin groundwater bank during wet periods and use the stored water supply during times of reduced imported water supplies.

SARCCUP was successful in receiving a $55M Proposition 84 IRWM grant through the One Water One Watershed (OWOW) Call for Projects in 2015. DWR executed a grant agreement with SAWPA, who manages the OWOW process, in November 2016 for a total SARCCUP conjunctive use storage volume of 180,000 AF. SAWPA is able to reimburse the SAWPA member agencies with DWR grant funding through the execution of sub-grantee agreements with each of the agencies. The PA 23 Committee approved a first amendment to SARCCUP on December 5, 2017 which removed several conjunctive use facilities in the SBVMWD and WMWD service areas and replaced them with facilities in the WMWD and IEUA service areas. Actions by the Committee at their April and October meetings allow SAWPA to submit the final second amendment request to DWR.

CRITICAL SUCCESS FACTORS
Administration of the OWOW process and plan in a highly efficient and cost-effective manner.

RESOURCE IMPACTS
None.

Attachments:
1. PowerPoint Presentation
Recap of Recent SARCCUP Milestones

- SARCCUP team has determined storage locations in the watershed with the finalization of the Decision Support Model (feasibility study);
- PA 23 Committee approved contents of Amendment No. 2 request to Department of Water Resources (DWR);
  - Approvals occurred during April and October 2019 Committee meetings.
- SAWPA has met with DWR on amendment request items such as the two-year schedule increase; and
- SARCCUP Team to conclude details of the final Amendment No. 2 package for December 2019 submittal to DWR.
Updates Since October PA 23 Committee Meeting

Jurupa Community Services District Chino Basin storage application on WMWD’s behalf;

Producer wells in the Orange County Groundwater Basin; and

SAWPA meeting with Department of Water Resources on two-year schedule.

Jurupa Community Services District (JCSD) Update

- JCSD’s 7,000 AF Chino Basin groundwater recharge application approved by Chino Basin Watermaster Board on November 21, 2019.
- No new facilities needed to recharge (or extract) SARCCUP water in Chino Basin
  - 7,000 AF can be provided to the SARCCUP agencies, via WMWD, as an in-lieu transfer or direct delivery.
- Next steps: Per PA 23 request at October Committee meeting, SARCCUP Team is to provide the MOU between JCSD and WMWD.
OC Wells Update

- OCWD selected five Groundwater Producers to construct five new wells.
  - The wells will be used to increase production during dry years to extract SARCCUP water banked in OC basin.
- Cost estimates and work plans from five producers have been incorporated into the DWR amendment request.

SAWPA/DWR Meeting on Amendment No. 2

- SAWPA discussed the two-year schedule increase with DWR management on November 5, 2019 after receiving approval from PA 23;
- DWR staff initially had concerns, but management was okay with the change as it will allow the SARCCUP Team to expand the project into Orange County; and
- Conversations still underway with DWR about reduced benefit amount.
### Overview of Amendment Package

<table>
<thead>
<tr>
<th>Amendment Item</th>
<th>Basin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update Chino Basin Storage Amount from 50,000 to 7,000 AF</td>
<td>Chino</td>
</tr>
<tr>
<td>Update Total Groundwater Basin Storage Amount from 180,000 to 137,000 AF</td>
<td>All</td>
</tr>
<tr>
<td>Budget: $8M grant funding moved from Chino Basin to Orange County Basin;</td>
<td>Chino/Orange County</td>
</tr>
<tr>
<td>Budget: $5M grant funding moved from Chino Basin (JCSD) to Riverside-Arlington</td>
<td>Chino/Riverside Arlington</td>
</tr>
<tr>
<td>Increase schedule from September 2021 to September 2023</td>
<td>All</td>
</tr>
</tbody>
</table>

### Storage Volumes by Basin

<table>
<thead>
<tr>
<th>Groundwater Basin (SARCCUP Agency)</th>
<th>Nov-2016 (Approved Grant Agreement)</th>
<th>Jan-2018 (Approved Amendment 1)</th>
<th>Dec-2019 (Requested Amendment 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Bernardino (SBVMWD)</td>
<td>60,000</td>
<td>64,000</td>
<td>64,000</td>
</tr>
<tr>
<td>Chino (IEUA/WMWD)</td>
<td>96,000</td>
<td>50,000</td>
<td>7,000</td>
</tr>
<tr>
<td>San Jacinto (EMWD)</td>
<td>19,500</td>
<td>19,500</td>
<td>19,500</td>
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<tr>
<td>Elsinore (WMWD)</td>
<td>4,500</td>
<td>4,500</td>
<td>4,500</td>
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<tr>
<td>Orange County (OCWD)</td>
<td>0</td>
<td>36,000</td>
<td>36,000</td>
</tr>
<tr>
<td>Riverside-Arlington (WMWD)</td>
<td>0</td>
<td>6,000</td>
<td>6,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>180,000</td>
<td>180,000</td>
<td>137,000</td>
</tr>
</tbody>
</table>
Questions