REGULAR COMMISSION MEETING
TUESDAY, AUGUST 15, 2017 – 9:30 A.M.

AGENDA

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE (Susan Lien Longville, Chair)

2. ROLL CALL

3. PUBLIC COMMENTS
   Members of the public may address the Commission on items within the jurisdiction of the Commission; 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).

4. CONSENT CALENDAR
   All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Commission by one motion as listed below.
   A. APPROVAL OF MEETING MINUTES: JULY 31, 2017 ................................................................. 5
      Recommendation: Approve as posted.
   B. APPROVAL OF MEETING MINUTES: AUGUST 1, 2017 ......................................................... 7
      Recommendation: Approve as posted.

5. NEW BUSINESS
   A. MEMBER AGENCY GENERAL MANAGERS REPORT (CM#2017.104) ........................................ 11
      Presenters: John Rossi | Doug Headrick | Joe Grindstaff | Mike Markus | Paul Jones
      Recommendation: Receive and provide initial feedback on the presentation of the report from the Member Agency General Managers, and establish a Special Meeting workshop date and location to discuss the report recommendations that address communication/collaboration, business practices, changes to the JPA Agreement, and an update to the SAWPA Strategic Plan.
   B. BASIN MONITORING PROGRAM TASK FORCE UPDATE (CM#2017.107) .................................. 33
      Presenter: Mark Norton
      Recommendation: Receive and file.
C. **DISADVANTAGED COMMUNITY INVOLVEMENT PROGRAM – ENGAGE UC IRVINE (CM#2017.105)**

**Recommendation:** Direct the Interim General Manager to negotiate and execute a subagreement, not to exceed $105,000, with University of California Irvine as a partner to the Disadvantaged Community Involvement Program.

D. **INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT PHASE 1 (CM#2017.106)**

**Recommendation:** Receive and file.

6. **INFORMATIONAL REPORTS**

**Recommendation:** Receive for information.

A. **CASH TRANSACTIONS REPORT – JUNE 2017**

**Presenter:** Karen Williams

B. **INTER-FUND BORROWING – JUNE 2017 (CM#2017.102)**

**Presenter:** Karen Williams

C. **PERFORMANCE INDICATORS/FINANCIAL REPORTING – JUNE 2017 (CM#2017.103)**

**Presenter:** Karen Williams

D. **HOMELESSNESS & WATER SYMPOSIUM SUMMARY (CM#2017.108)**

**Presenter:** Mike Antos

E. **DRAFT DWR PROPOSITION 1 ROUND 1 IMPLEMENTATION GRANT PROCESS (CM#2017.109)**

**Presenter:** Mark Norton

F. **OWOW PLAN UPDATE 2018 STATUS (CM#2017.110)**

**Presenter:** Mike Antos

G. **SAWPA OWOW QUARTERLY STATUS REPORT FOR THE PERIOD: APRIL 1 2017 THROUGH JUNE 30 2017**

**Presenter:** Mark Norton

H. **SAWPA ROUNDTABLE QUARTERLY STATUS REPORT FOR THE PERIOD: APRIL 1 2017 THROUGH JUNE 30 2017**

**Presenter:** Mark Norton

I. **SAWPA GENERAL MANAGERS MEETING NOTES – AUGUST 8, 2017**

**Presenter:** Rich Haller

J. **CHAIR’S COMMENTS/REPORT**

K. **COMMISSIONERS’ COMMENTS**

L. **COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS**
7. **CLOSED SESSION**

A. **CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(1)**  
Name of Case: Spiniello Companies v. Charles King Company, Inc., Santa Ana Watershed Project Authority, The Ohio Casualty Insurance Company (Superior Court of Los Angeles BC616589)

B. **PURSUANT TO GOVERNMENT CODE SECTION 54957 – PERSONNEL MATTERS**  
General Manager

8. **ADJOURNMENT**

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, please call (951) 354-4230 or email kberry@sawpa.org. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Commission 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 Wednesday, August 9, 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
<table>
<thead>
<tr>
<th>January</th>
<th>February</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3/17</td>
<td>2/7/17</td>
</tr>
<tr>
<td>Commission Workshop</td>
<td>Commission Workshop</td>
</tr>
<tr>
<td>1/10/17</td>
<td>2/21/17</td>
</tr>
<tr>
<td>Special Commission Meeting</td>
<td>Regular Commission Meeting</td>
</tr>
<tr>
<td>1/17/17</td>
<td></td>
</tr>
<tr>
<td>Regular Commission Meeting</td>
<td></td>
</tr>
<tr>
<td>March</td>
<td>April</td>
</tr>
<tr>
<td>3/7/17</td>
<td>4/4/17</td>
</tr>
<tr>
<td>Commission Workshop</td>
<td>Commission Workshop</td>
</tr>
<tr>
<td>3/21/17</td>
<td>4/18/17</td>
</tr>
<tr>
<td>Regular Commission Meeting</td>
<td>Regular Commission Meeting</td>
</tr>
<tr>
<td>May</td>
<td>June</td>
</tr>
<tr>
<td>5/2/17</td>
<td>6/6/17</td>
</tr>
<tr>
<td>Commission Workshop</td>
<td>Commission Workshop</td>
</tr>
<tr>
<td>5/9 – 5/12</td>
<td>6/20/17</td>
</tr>
<tr>
<td>ACWA Spring Conference, Monterey</td>
<td>Regular Commission Meeting</td>
</tr>
<tr>
<td>5/16/17</td>
<td></td>
</tr>
<tr>
<td>Regular Commission Meeting</td>
<td></td>
</tr>
<tr>
<td>5/25/17</td>
<td></td>
</tr>
<tr>
<td>OWOW Conference [Ontario Convention Cntr]</td>
<td></td>
</tr>
<tr>
<td>July</td>
<td>August</td>
</tr>
<tr>
<td>7/4/17</td>
<td>8/1/17</td>
</tr>
<tr>
<td>No Meeting (Independence Day)</td>
<td>Commission Workshop</td>
</tr>
<tr>
<td>7/18/17</td>
<td>8/15/17</td>
</tr>
<tr>
<td>Regular Commission Meeting</td>
<td>Regular Commission Meeting</td>
</tr>
<tr>
<td>7/31/17</td>
<td>8/17/17</td>
</tr>
<tr>
<td>Special Meeting</td>
<td>Special Commission Meeting</td>
</tr>
<tr>
<td>September</td>
<td>October</td>
</tr>
<tr>
<td>9/5/17</td>
<td>10/3/17</td>
</tr>
<tr>
<td>Commission Workshop</td>
<td>Commission Workshop</td>
</tr>
<tr>
<td>9/19/17</td>
<td>10/17/17</td>
</tr>
<tr>
<td>Regular Commission Meeting</td>
<td>Regular Commission Meeting</td>
</tr>
<tr>
<td>November</td>
<td>December</td>
</tr>
<tr>
<td>11/7/17</td>
<td>12/5/17</td>
</tr>
<tr>
<td>Commission Workshop</td>
<td>Commission Workshop</td>
</tr>
<tr>
<td>11/21/17</td>
<td>12/19/17</td>
</tr>
<tr>
<td>Regular Commission Meeting</td>
<td>Regular Commission Meeting</td>
</tr>
<tr>
<td>11/28 – 12/1</td>
<td></td>
</tr>
<tr>
<td>ACWA Fall Conference, Anaheim</td>
<td></td>
</tr>
</tbody>
</table>

**SAWPA Compensable Meetings – Other**

Unless otherwise noted, all meetings are held at SAWPA.

Commissioners and Alternate Commissioners will receive compensation for attending the meetings listed below, pursuant to the Commission Compensation, Expense Reimbursement, and Ethics Training Policy.

**IMPORTANT NOTE:** These meetings are subject to change. Prior to attending any meeting listed below, please confirm meeting details by viewing the website calendar using the following link:

http://www.sawpa.org/events/

<table>
<thead>
<tr>
<th>August</th>
<th>September</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/1/17</td>
<td>9/12/17</td>
</tr>
<tr>
<td>PA 23 Committee Mtg</td>
<td>MSAR TMDL Task Force Mtg</td>
</tr>
<tr>
<td>8/15/17</td>
<td>9/12/17</td>
</tr>
<tr>
<td>LE/CL TMDL Task Force Mtg</td>
<td>LE/CL TMDL Task Force Mtg</td>
</tr>
<tr>
<td>8/16/17</td>
<td>9/19/17</td>
</tr>
<tr>
<td>Basin Monitoring Program Task Force Mtg</td>
<td>Basin Monitoring Program Task Force Mtg</td>
</tr>
<tr>
<td>8/17/17</td>
<td>9/28/17</td>
</tr>
<tr>
<td>LESPWA Board Mtg</td>
<td>PA 22 Committee Mtg</td>
</tr>
<tr>
<td>8/17/17</td>
<td>9/28/17</td>
</tr>
<tr>
<td>at Elsinore Valley MWD [cancelled]</td>
<td>OWOW Steering Committee Mtg</td>
</tr>
<tr>
<td>8/15/17</td>
<td></td>
</tr>
<tr>
<td>OWOW Land Use and Water Planning Pillar Mtg</td>
<td></td>
</tr>
<tr>
<td>8/24/17</td>
<td></td>
</tr>
<tr>
<td>PA 22 Committee Mtg</td>
<td></td>
</tr>
<tr>
<td>8/24/17</td>
<td></td>
</tr>
<tr>
<td>OWOW Pillar Integration Wkshp</td>
<td></td>
</tr>
<tr>
<td>8/24/17</td>
<td></td>
</tr>
<tr>
<td>Brine Line Ordinance No.8 Wkshp</td>
<td>1:00 p.m.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Regular Commission Meeting of the Santa Ana Watershed Project Authority was called to order at 2:01 p.m. by Chair Longville at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

1. **CALL TO ORDER**

2. **ROLL CALL**
   Roll call was duly noted and recorded by the Clerk of the Board.

3. **PUBLIC COMMENTS**
   There were no public comments.

4. **CONSENT CALENDAR**
   At 2:02 p.m., Chair Longville recessed the meeting to Closed Session and announced that no staff would participate in or be present during Closed Session. Chair Longville noted the Clerk of the Board may be called in during the course of Closed Session for administrative purposes, only.

   **A. PURSUANT TO GOVERNMENT CODE SECTION 54957 – PERSONNEL MATTERS**
   General Manager

   Chair Longville resumed Open Session at 3:15 p.m. There was no reportable action.

5. **ADJOURNMENT**
   There being no further business for review, Chair Longville adjourned the meeting at 3:15 p.m.

Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, August 15, 2017.

______________________________
Susan Lien Longville, Chair

Attest:

______________________________
Kelly Berry, CMC, Clerk of the Board
SAWPA COMMISSION
REGULAR MEETING MINUTES
AUGUST 1, 2017

COMMISSIONERS PRESENT
Susan Lien Longville, Chair, San Bernardino Valley Municipal Water District
Ronald W. Sullivan, Vice Chair, Eastern Municipal Water District
Philip L. Anthony, Orange County Water District
Thomas P. Evans, Western Municipal Water District

COMMISSIONERS ABSENT
Jasmin A. Hall, Secretary-Treasurer, Inland Empire Utilities Agency

ALTERNATE COMMISSIONERS PRESENT; NON-VOTING
Gil Navarro, Alternate, San Bernardino Valley Municipal Water District

STAFF PRESENT
Rich Haller, Larry McKenney, Mark Norton, Karen Williams, Dean Unger, David Ruhl, Lucas Gilbert, Rick Whetsel, Mike Antos, Kelly Berry

The Regular Commission Meeting of the Santa Ana Watershed Project Authority was called to order at 9:33 a.m. by Chair Longville at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

2. ROLL CALL
Roll call was duly noted and recorded by the Clerk of the Board.

3. PUBLIC COMMENTS
Gil Navarro, Alternate Commissioner, San Bernardino Valley Municipal Water District, shared information on the Rialto Unified School District Heritage Citrus Grove program, which is funded in part by the Proposition 84 Institutional Turf Replacement Program.

4. CONSENT CALENDAR
   A. APPROVAL OF MEETING MINUTES: JULY 18, 2017

   MOVED, approve the Consent Calendar.
   Result: Adopted (Unanimously)
   Motion/Second: Anthony/Sullivan
   Ayes: Anthony, Evans, Longville, Sullivan
   Nays: None
   Abstentions: None
   Absent: None
5. **NEW BUSINESS**

A. **DRAFT ORDINANCE NO. 8 AND DRAFT RESOLUTION ESTABLISHING LOCAL LIMITS AND BEST MANAGEMENT PRACTICES REQUIREMENTS - INLAND EMPIRE BRINE LINE (CM#2017.98)**

Lucas Gilbert provided a PowerPoint presentation on draft Ordinance No. 8 and the draft Resolution Establishing Local Limits and Best Management Practices Requirements. OCSD recently updated its Ordinance to accommodate requirements/recommendations by the United States Environmental Protection Agency and the Santa Ana Regional Water Quality Control Board, as well as additional changes to facilitate OCSD’s ability achieve long-term compliance for the Pretreatment Program under the Clean Water Act, Safe Drinking Water Act, water recycling, and biosolids. SAWPA is required to have a program substantially similar to OCSD’s and is therefore required to update its Ordinance and Resolution. Staff has been working with OCSD since April of 2016 to update its Ordinance and Resolution, which are now ready for public review and comment. A public workshop will be conducted August 24, 2017, with written comments received through September 11, 2017. The public hearing before the Commission will take place on September 19, 2017.

**MOVED**, direct staff to release, for public review and comment, draft Ordinance No. 8 and the draft Resolution Establishing Local Limits and Best Management Practices Requirements, establishing regulations for the use of the Inland Empire Brine Line and establish a Public Hearing date of September 19, 2017; direct staff to provide the adoption timetable to Commissioners and Alternates.

**Result:** Adopted (Unanimously)

**Motion/Second:** Anthony/Sullivan

**Ayes:** Anthony, Evans, Longville, Sullivan

**Nays:** None

**Abstentions:** None

**Absent:** None

B. **MIDDLE SANTA ANA RIVER TMDL TASK FORCE AGREEMENT, AMENDMENT NO. 1 (CM#2017.99)**

Rick Whetsel provided a PowerPoint presentation on the history, purpose and proposed next steps of the Middle Santa Ana River TMDL Task Force. Amendment No. 1 reflects the same functions, responsibilities, and parties as the original Task Force Agreement, extending the Agreement through December 2022. Future source evaluation work will include identifying various causes of naturalized bacteria colonies. Commissioner Evans confirmed funding is paid by TMDL Task Force participants and is not paid by SAWPA Member Agencies.

**MOVED**, approve Amendment No. 1 to the Middle Santa Ana River Watershed Total Maximum Daily Load (TMDL) Task Force Agreement effectively extending the existing Task Force for five additional years through December 2022.

**Result:** Adopted (Unanimously)

**Motion/Second:** Anthony/Sullivan

**Ayes:** Anthony, Evans, Longville, Sullivan

**Nays:** None

**Abstentions:** None

**Absent:** None
C. **INLAND EMPIRE BRINE LINE REACH V REHABILITATION AND IMPROVEMENT PROJECT PHASE 1 (CM#2017.100)**

David Ruhl provided a PowerPoint presentation on Inland Empire Brine Line Reach V Rehabilitation and Improvement Project, Phase 1. Ruhl provided an overview of Tasks 1, 2, 3, and Change Order No. 5 with Weka Inc. SAWPA intends to hold the original contractor and the performance bond surety financially responsible for completing the project within the original bid price. Commissioner Sullivan confirmed this represented the remaining scope necessary to complete Tasks 1, 2 and 3.

Ruhl provided an update on work completed under Task 4, noting that liner installations will continue through August; Commissioners were invited to advise staff if there was a desire to observe the liner installation.

**MOVED, authorize the Interim General Manager to execute Change Order No. 5 with Weka Inc. in an amount not to exceed $71,605.33 for the Inland Empire Brine Line Reach V Rehabilitation and Improvement Project – Phase 1.**

Result: Adopted (Unanimously)

Motion/Second: Evans/Anthony

Ayes: Anthony, Evans, Longville, Sullivan

Nays: None

Abstentions: None

Absent: None

D. **CANTU RETIREMENT CELEBRATION EVENT, JUNE 22 2017 – FINAL ACCOUNTING (CM#2017.101)**

Rich Haller provided a final accounting for the June 22, 2017 Celeste Cantú retirement celebration event. Event expenses were $8,526.75, revenues and donations were $12,047.60, with net revenues of $3,520.85. Contributions had been requested from Member Agencies in order to defray costs; given this, staff recommended reimbursing $3,520.85 equally to the sponsoring Member Agencies.

**MOVED, authorize staff to reimburse $3,520.85, in equal amounts not to exceed $1,173.62, to each of the sponsoring member agencies: SBVMWD, EMWD and WMWD.**

Result: Adopted (Unanimously)

Motion/Second: Anthony/Sullivan

Ayes: Anthony, Evans, Longville, Sullivan

Nays: None

Abstentions: None

Absent: None

6. **INFORMATIONAL REPORTS**

The following oral/written reports/updates were received and filed.

A. **WATER-ENERGY COMMUNITY ACTION NETWORK PROGRAM UPDATE (CM#2017.91)**

Mike Antos provided a PowerPoint presentation on the Water Energy Community Action Network program. This program has been highlighted as a best practices program by the Governor’s Office of Planning and Research.

B. **CHAIR’S COMMENTS/REPORT**

Chair Longville reported that the General Managers have completed their facilitated process and a draft report prepared, which has been provided to Rich Haller for input. Chair Longville recommended that
it be distributed to Commissioners and Alternates as quickly as possible. The General Managers are planning to jointly present an overview of the report to the Commission on August 15, which will be followed by a workshop to be scheduled in the near future.

C. COMMISSIONERS’ COMMENTS
Commissioner Evans requested that staff PowerPoint presentations are included as part of the agenda packet for future meetings.

D. COMMISSIONERS’ REQUEST FOR FUTURE AGENDA ITEMS
Commissioner Evans requested the Commission have a discussion regarding a structured rotation on the OWOW Steering Committee; Commissioners Sullivan and Anthony agreed.

7. CLOSED SESSION
Larry McKenney noted unless there were any questions from the Commission, Agenda Item No. 7.A. would not be discussed. At 10:24 a.m., Chair Longville recessed the meeting to Closed Session for discussion of Agenda Item No. 7.B. Chair Longville announced there would be no designated personnel present during Closed Session, with the exception of the Clerk of the Board who may be called in for administrative purposes only.

A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION PURSUANT TO GOVERNMENT CODE SECTION 54956.9(d)(1)
Name of Case: Spiniello Companies v. Charles King Company, Inc., Santa Ana Watershed Project Authority, The Ohio Casualty Insurance Company (Superior Court of Los Angeles BC616589)

B. PURSUANT TO GOVERNMENT CODE SECTION 54957 – PERSONNEL MATTERS
General Manager
Chair Longville resumed Open Session at 10:48 a.m. There was no reportable action.

8. ADJOURNMENT
There being no further business for review, Chair Longville adjourned the meeting at 10:49 a.m.

Approved at a Regular Meeting of the Santa Ana Watershed Project Authority Commission on Tuesday, August 15, 2017.

____________________________________
Susan Lien Longville, Chair

Attest:

____________________________________
Kelly Berry, CMC
Clerk of the Board
COMMISSION MEMORANDUM NO. 2018.104

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Member Agency General Managers Report

PREPARED BY: Rich Haller, Interim General Manager

RECOMMENDATION
Receive and provide initial feedback on the presentation of the attached report from the Member Agency General Managers, and establish a Special Meeting workshop date and location to discuss the report recommendations that address communication/collaboration, business practices, changes to the JPA Agreement, and an update to the SAWPA Strategic Plan.

DISCUSSION
The attached report presents recommendations from the member agency GMs to ensure effective communications and collaboration going forward, and changes to business practices. The creation of an undetermined number of project committees is proposed as well as several modernizing and clarifying amendments to the JPA agreement. The September 5th workshop is proposed to review the recommendations in detail and provide direction for implementation. An off-site location is recommended to provide a workshop format that will facilitate an open and interactive discussion.

After review/discussion of the recommendations, an implementation plan collaboratively developed with the Member Agency General Managers will be presented at a second workshop to be scheduled. The plan will include diagrams representing required actions, a description of required work, schedule, and level of effort/resources required.

CRITICAL SUCCESS FACTORS

BRINE LINE

3. Maintain sufficient funding and reserves for current and future Capital and O&M costs through a stable, predictable, and affordable rates and charges.

4. Provide professional and highly-trained staff across planning, administration, engineering and field operations.

5. Protect and preserve the useful life of Brine Line assets through strategic maintenance, repair, and capital improvements.

6. Conduct proactive capital and O&M planning to improve efficiency and maintain needed capacity in the long and medium terms.
OWOW

5. A strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership and community engagement.
6. Administration of the OWOW process and plan in a highly efficient and cost effective manner.

Roundtables

5. Annual reviews of work plans and budgets for each task force activity.
6. Adequate professional staff and resources to effectively provide facilitation, management, administrative and technical support to collaborative work efforts.

RESOURCE IMPACTS
Evaluation pending.

Attachment:
1. Member Agency GMs Report, 8/4/17
2. PowerPoint presentation
Background and Purpose

In recognition of the need to enhance the relationship among SAWPA and its member agencies, a facilitated issues resolution process was considered in late 2016. After a series of preliminary meetings, the SAWPA Commission authorized and supported such a process on February 21, 2017. The Commission’s motion read as follows:

“Support a facilitated process with member agencies to discuss and resolve management issues, sharing in the costs equally with the member agencies, including a report prepared at the conclusion of the process signed off on by all six general managers.”

Sharon Browning of Sharon Browning and Associates (SB&A) was hired to facilitate the identified process which started with individual interviews with each of the six general managers. The interviews identified many of the underlying issues that needed to be resolved and a plan was formulated to resolve those issues. A series of meetings was scheduled but before the meetings began, the former SAWPA General Manager announced her retirement. As a result, the process was modified for the first facilitated meeting to ensure her perspectives on the underlying issues were provided.

The original purpose of the General Managers’ facilitated process was modified by the Commission on May 2, 2017, to include the following additional tasks:

1. Prior to June 1, 2017, provide input to assist the Commission in developing job description criteria and related information for use in SAWPA’s upcoming search for a new General Manager; and

2. Address a list of questions pertaining to SAWPA’s business practices, Project Agreements, and budgeting.

Two additional facilitated meetings took place in May where, among other accomplishments, a Purpose Statement was developed, as follows:

“To prepare, for SAWPA Commission consideration, recommendations that will assist SAWPA to effectively implement programs and projects that achieve the member agencies’ interests and needs. Specifically, the recommendations will:

- Identify some job performance criteria and desired attributes of a new SAWPA General Manager.
- Strengthen the working relationships between the SAWPA GM and Member Agency GMs.
- Strengthen communications and working relationships among the Member Agency General Managers.
• Affirm, clarify and strengthen the relationship between SAWPA and the Member Agencies.

• Respond to SAWPA Commission questions related to SAWPA business practices, operations under the JPA Agreement and implementation of the One Water One Watershed (OWOW) program.”

In late May, the SAWPA General Manager recruiting attributes and the proposed Purpose Statement were distributed to the Chair of the SAWPA Commission. The receipt of these intermediate work products was acknowledged by the Commission in June.

Four additional facilitated meetings took place in June and July to complete the remaining tasks. As a result of those meetings, this report was drafted and provided to the interim SAWPA GM, Richard Haller, on July 24, 2017. After review and input from Mr. Haller, the final report was completed and transferred to the SAWPA Commission for consideration.

Task 1: Provide a List of Potential Attributes for the Incoming SAWPA General Manager

This list of desirable attributes was prepared in response to the Commission’s request for input to a job description that was being developed for the Commission’s search for a new SAWPA General Manager and, as noted above, the list was delivered to the Commission late-May 2017. This list encompasses key strengths which the General Managers believe are important for the success of the organization and the working relationships with the member agencies and other key stakeholders.

1. Be a consensus builder among the Commissioners.

2. Establish effective peer-to-peer relationships with the member agency GM’s based upon mutual respect and collaboration.

3. Understand and represent member agency needs and interests.¹

4. Embrace a culture of transparency, honesty, and openness in business and interpersonal relationships.

5. Be a strategic thinker who can balance the big-picture watershed objectives of the integrated Regional Watershed Plan with those of the SAWPA member agencies.

6. Effectively and efficiently manage the SAWPA agency’s resources and balance the use of staff and consultants.

7. Foster an internal and external culture of collaboration.

¹ The attributes listed were provided to the Commission as written above in late-May 2017. After further consultation among the member agency General Managers and the SAWPA Interim General Manager, it was mutually agreed that this attribute should be modified to read: “Understand and articulate member agency needs and interests”
8. Be an effective external spokesperson and advocate based upon the SAWPA Commission’s established priorities and mission.

**Task 2: Establish Planning Premises**

The goal of this early task in the process was to determine if the General Managers could agree on a common set of assumptions or guiding principles that could be used as a foundation for working to collaboratively develop recommendations to resolve the issues surrounding SAWPA and as the basis for SAWPA’s future operations. In this regard, the following list of “givens” were established:

1. SAWPA is needed and must continue to exist.

2. SAWPA implements programs and projects that achieve the collective best interests of the member agencies while considering the needs of all watershed stakeholders.

3. SAWPA fosters collaboration through consensus decision-making.

4. SAWPA operates under a commonly understood JPAA.

During this task, the General Managers also agreed there needed to be agreement on terms such as “collective best” and “commonly understood.” As the balance of the facilitated process unfolded, these items were clarified through the completion of subsequent tasks included in this report.

**Task 3: Strengthening Working Relationships among the SAWPA General Manager and the Member Agency General Managers**

Some of the key challenges and conflict areas among SAWPA and the member agencies appear to have stemmed from strained working relationships at the executive staff level. To remedy this, the General Managers conducted this task to establish a commonly accepted set of reciprocal practices and protocols to promote coordination, collaboration and professional collegiality among the member agency General Managers, the SAWPA General Manager and the agencies’ staff.

It is important to note that the member agency General Managers clearly understand that the SAWPA General Manager must have broad latitude and authority to manage the day-to-day operations of the organization. Accordingly, the practices and protocols proposed herein are not intended in any way to interfere with, or circumvent, the SAWPA General Manager’s authority and responsibilities to the Commission. Rather, the goal is to create a mechanism to better support the SAWPA General Manager and to improve coordination and achieve consensus at the staff level on important issues going to the Commission.

The recommended practices and procedures for strengthening the important working relationships among the General Managers and staff are divided into three key topic areas of Communications, Collaboration and Business Practices:

1. **Communications**
a. Member agency General Managers shall inform the SAWPA General Manager and the other member agency General Managers if the member agency or its Commissioner has concerns or issues with any item going to a Commission meeting, a committee or the OWOW Steering Committee.
   i. The communication should be prior to the meeting and preferably, the posting of the agenda.

b. Ensure member agencies General Managers are informed about substantive meetings and/or conversations the SAWPA General Manager has with the agencies’ respective Commissioners.

c. Member agency General Managers shall be consulted about meetings or actions SAWPA conducts with outside agencies that materially affect that member agency’s interests.

2. Collaboration

   a. Significant agenda items being taken to the Commission, a committee or the OWOW Steering Committee shall be shared with and discussed among with the SAWPA General Manager and the member agency General Managers.

   b. If there are fundamental disagreements on items being brought to the Commission, a committee or the OWOW Steering Committee, best efforts will be made among the SAWPA General Manager and the member agency General Managers to develop a mutually acceptable consensus recommendation.

   c. Once consensus is reached at the General Manager level on specific agenda items:
      i. The staff of SAWPA and the member agencies will support the consensus recommendation; and

      ii. The member agency General Managers will convey the consensus recommendations to their respective Commissioners.

   d. If consensus cannot be reached on a specific item:
      i. The SAWPA staff will represent opposing points of view in a factual and balanced manner, along with the SAWPA staff recommendation; and

      ii. The member agency General Managers will convey to their respective Commissioners the opposing points of view in a factual and balanced manner, along with their recommendation.

3. Business Practices

   a. Monthly meetings between the SAWPA General Manager and the member agency General Managers shall be conducted. Agendas shall be prepared in advance and circulated for revisions or additions. Agendas shall include, but not necessarily be limited to the following:
      i. A review of an advanced calendar of proposed agenda items for the Commission, committee meetings and the OWOW Steering Committee for the upcoming month.
ii. Significant agenda items (excluding those being considered in closed session) would be discussed among the SAWPA General Manager and member agency General Managers before they are published on any agenda.\(^2\)

iii. A review of any new initiatives, programs, task forces or other similar activities SAWPA intends to develop and implement, with an opportunity for the member agency General Managers to provide input.

b. SAWPA staff reports for significant items being considered by the Commission, committees or the OWOW Steering Committee shall include:
   i. The SAWPA General Manager and staff recommendations;
   
   ii. The consensus recommendation of the SAWPA General Manager and member agency General Managers; or

   iii. Varying points of view where there may not be consensus stated in a factual and balanced manner without attribution.

To ensure the interaction between the member agencies and the SAWPA General Manager is efficient, effective and not overly burdensome, this task also included clearly defining what are considered “significant agenda items” that require advanced review and discussion among the agencies. The goal is to improve coordination and achieve consensus at the staff level on important issues going to the Commission while, as previously noted, leaving the SAWPA General Manager broad latitude to manage the day-to-day activities of the organization.

Accordingly, the recommended list of significant agenda items that the SAWPA General Manager would share and discuss with the member agency General Managers would be limited to those items going to the SAWPA Commission for review or action. These include, but are not necessarily limited to, the following:

1. Significant Financial Items
   
   a. Budgets (Project Budgets and SAWPA General Budget).
   
   b. Planning, engineering, and construction contracts and related change orders.
   
   c. Changes to Brine Line rates, charges and administration affecting the Member Agencies or their customers.

2. Significant Administration and Personnel Items
   
   a. Proposals for salary ranges or benefit changes including any Classification and Compensation studies.

\(^2\) In compliance with the Brown Act, any agenda items for a Project Committee on which a majority of the member agency General Managers serve would not be subject to review and discussion at the SAWPA General Manager’s meeting.
b. Proposals to increase staffing.

c. Proposals to modify any SAWPA governance related document including, but not limited to, the JPAA and Project Agreements.

d. All formal positions proposed to be taken on pending or approved legislation or regulations.

3. Projects and Initiatives

   a. Any new initiative, program, task force, or proposal for funding that promotes or expands SAWPA activities including the needs of other stakeholders for such programs.

Task 4: Implementation of Operating Provisions of the JPAA and Areas for Potential Revision

The purpose of this task was to directly address the ongoing concerns some member agencies have with SAWPA’s current operations under the JPAA. Additionally, this task also involved answering the question: should the JPAA be changed, and if so, how?

After review of the JPAA and SAWPA’s Strategic Plan and business practices, the General Managers found that the basic structure of the JPAA is sound and provides a governance structure that, if properly implemented, promotes member agency collaboration, commitment and accountability.

Consistent with the direction from the Commission at SAWPA’s June 20, 2017 meeting, the General Managers recommend the following collaborative steps to conform SAWPA’s business operations to the JPAA:

1. Identification of Projects: Staffs of SAWPA and the member agencies to jointly identify the various activities of which SAWPA is engaged that meet the criteria of not being preliminary studies or matters of general administration, and either directly or indirectly expose the member agencies or their customers to costs. This list should be presented to the Commission to clarify what constitutes a “Project” for the purposes of the JPAA.

2. Determining Projects Requiring Project Agreements: Jointly identify those specific activities for which the Commission has formally identified as “projects” and has executed project agreements and where appropriate, established project committees. Activities in this category include task forces or round tables that have existing project agreements with all SAWPA or some of the SAWPA member agencies and external stakeholders (e.g. Basin Monitoring Program Task Force).

   Jointly identify the remaining activities that meet the criteria of a “project” but have neither a project agreement nor a project committee, and determine the type of project agreement and/or project committee that would be applicable (see Task 4 Section 2a, below) and/or if some of those activities (i.e. task forces or round tables) can be logically grouped into a single project. Present the recommended new “projects,” consistent with the JPAA requirements, and associated staff and resource needs to the Commission for review and consideration.
3. **Identification of Project Committees and Participating Agencies:** Based upon the “projects” identified, determine which agencies are participants in the various activities and projects, and if less than all the member agencies are participating in a “project,” identify the need for a project committee consistent with the requirements of the JPAA.

4. **Implementation:** Upon the identification of the “projects” and project committees that require formation, prepare all requisite project agreements and seek member agency approval of such agreements and designation of project committee members, where appropriate. Format future Commission meeting agendas to identify and segregate actions for each active “project” and the members voting on a project-related item. The intent would be to conduct all Project Committee business involving the Commission as part of the agendas for the two regularly scheduled monthly Commission meetings.

Additionally, to provide certainty for the member agencies and SAWPA and to improve efficiency, the General Managers recommend consideration by the Commission of potential revisions to modernize and clarify the JPAA. Any amendments to the JPAA would need to be drafted and reviewed by the legal counsels of SAWPA and the member agencies, and would require unanimous approval by the member agencies’ Boards of Directors.

Proposed amendments to the JPAA are as follows:

1. A clear and unambiguous definition of “Budget” in the JPAA as an expenditure and contracting ceiling.

2. A refined definition of a “Project” in the JPAA for purposes of administration by a Project Agreement and Project Committee to include two project categories:

   a. **SAWPA Projects** – These would include all capital and operating assets such as the Brine Line, task forces or programs that are governed by SAWPA members only, and the OWOW and Integrated Regional Watershed Management Plan and program.

   b. **Watershed Partnership Projects** – These would include task forces with SAWPA member agency participants that are also funded by outside partners of which SAWPA desires to include in Project Committee governance.

3. A more detailed definition in the JPAA of “Matters of Administration” as activities relating to general administration and support such as financial functions, payroll, audit and accounting support, administrative facility operations and maintenance, staff training, state advocacy support, Commission support, website maintenance and other similar functions. Matters not included in this category would be Projects subject to Project Agreements.

4. A more detailed definition in the JPAA of “Operating Decisions” that affect member agencies or their customers’ interests and require unanimous approval of the Commission or a SAWPA Project Committee. Such decisions would typically include major changes in facility or project operations or major construction that would materially affect the use of an operating asset by
one or more of the SAWPA member agencies or their customers. It is understood that Operating Decisions as defined herein exclude emergency actions.

For administering the General Budget, further clarification plus a revision to allow more flexibility for the Commission to authorize budget augmentation without separate member agency authorization as follows:

a. Once the General Budget is unanimously approved by the Member Agencies, expenditures or contracts within the approved Budget may be authorized by majority vote of the Commission.

b. Expenditures or contracts for amounts of up to 10% over the approved General Budget may be authorized by unanimous vote of the Commission.³

c. Expenditures or contracts for amounts in excess of 10% over the approved General Budget may only be authorized by unanimous approval of the Member Agencies.

5. For administering Project Budgets, clarification and revision, as follows:

a. Once a Project Budget is unanimously approved by the Member Agencies (or the Member Agencies and outside partners, in the case of Watershed Partnership Projects), expenditures or contracts within the approved Budget may be authorized by majority vote of the Commission, SAWPA Project Committee (if the Project involves less than all Member Agencies), or Watershed Partnership Project Committee (if the Project involves less than all Member Agencies and outside partners).

b. Similar to the proposed revision for the General Budget, expenditures or contracts for amounts of up to 10% over the approved Project Budget may be authorized by unanimous vote of the Commission, SAWPA Project Committee, or Watershed Partnership Project Committee, depending on the type of Project Agreement.

c. Expenditures or contracts for amounts in excess of 10% over the approved Project Budget may only be authorized by unanimous approval of the Member Agencies, or the Member Agencies and outside partners in the case of Watershed Partnership Projects.

Existing SAWPA provisions for emergency expenditures under the General Budget or Project Budgets would not be altered by the proposed JPAA revisions recommended above.

The General Managers believe the proposed revisions to the JPAA outlined herein would help provide a clear and commonly understood basis for operating under the JPAA while improving operational efficiency and maintaining the key elements of accountability and financial transparency that the original JPAA structure is intended to provide.

³ Currently, any expenditures in excess of the approved budget would require separate authorization by each member agency. This proposal is intended to provide additional flexibility and administrative streamlining.
Task 5 - Responses to Governance Questions Distributed by the SAWPA Chair regarding SAWPA’s Business Practices and Joint Powers Authority Agreement (JPAA)

This final task involved providing responses to a series of questions distributed by the SAWPA Chair on May 2, 2017. Some of the responses to these questions are also reflected in the recommendations developed under previous tasks. The verbatim questions as presented to the General Managers are shown in *italics*, below, with the General Managers’ response following.

1. **Is a member agency experiencing harm from SAWPA’s current business practices?**
   a. *(Are member agencies being obligated involuntarily for member agency contribution?)*

   Yes. Expenses for activities that are “chargeable” and impose “any financial liability” on member agencies appear to have been approved out of compliance with the Project Agreement, Project Committee and voting provisions of the Joint Powers Authority Agreement (JPAA). Section 7 of the JPAA explicitly states that “except for budget items” each member agency has absolute discretion to “approve or disapprove prior to commitment.”

   The concept of a member agency only being required to approve an item if it is being “obligated involuntarily for member agency contribution” is not delineated anywhere in the JPAA. However, the requirement for unanimous member agency approval extends to “any financial liability” without distinguishing between the voluntary and involuntary nature of such expenses.

2. **How should the SAWPA general budget be approved?**

   Because SAWPA is a five member Joint Powers entity and items in the general budget are chargeable to the member agencies, the budget should continue to be approved by unanimous decision of the member agencies. It is further recommended that once a general budget is approved by the member agencies, that increases to the general budget of up to 10% over the originally approved budget amount could be approved by unanimous vote of the Commission (See Task 4, Section 5, above, for further explanation). Increases to the budget in excess of 10% would still require unanimous approval of the member agencies. Additionally, it is recommended that any previously awarded pass-through grant funding to grant award recipients that is included in the SAWPA General Budget would not be withheld as a result of non-approval of the SAWPA budget by one or more of the member agencies. It should be noted that these clarifications would require revision to the JPAA.

3. **What is the purpose of Project Agreements?**

   The purpose of a Project Agreement is to ensure that budgets, financial obligations and operating decisions associated with a specific project that involves less than all the members
are approved only by those members. It is also to ensure that non-participating member agencies are not exposed to project liabilities or expenses.

4. What are the essential elements of a Project Agreement?

The essential elements of a Project Agreement should include, but not necessarily be limited to, the following items: Definition of the project’s scope; Project Committee membership (if less than all the member agencies); a clarification of project liabilities; statement of JPAA voting procedures for budgets, financial obligations and operating decisions relative to the project; allocation of project and administrative costs; and definition of SAWPA staff participation.

5. What authority should Project Committees have?

Project Committees should have full authority to make any and all project decisions on behalf of the participants. Voting procedures shall be accordance with the JPAA with the approval of budgets and operating decisions being made on a unanimous basis.

6. Who should Project Committee representatives be?

SAWPA Project Committee members should be Commissioners or General Managers, at the sole discretion of the participating agency. Member agencies are sophisticated and are aware that their appointed Project Committee members – whether a Commissioner or General Manager – are making decisions that obligate the member agency. There are some projects that are more technical in nature and the Project Committee may wish to obtain the input from an Ad Hoc Technical Work Group, which could be made up of member agency designated staff or others, as necessary.

Under separate cover, it is recommended that two types of Project Committee be defined in the JPAA: SAWPA Project Committees and Watershed Partnership Project Committees. The representatives and membership in the former is described, above. The membership of Watershed Partnership Project Committees would include SAWPA member agencies and outside funding partners, and representation on the committees would include Commissioners or General Managers from the member agency participants, and one designated representative from each outside partner.

7. How should enterprise-funded activities be handled by the Commission?

The JPAA and project committee format is fully compatible with a variety of funding sources and there is no apparent need for distinguishing between enterprise-funded and non-enterprise funded activities. To the extent an activity involves less than all the SAWPA agencies, any enterprise-type assessments or rates that are used to fund the activity should be voted on and approved unanimously by the affected member agencies. If the activity involves all SAWPA member agencies, any assessments or rates and charges that are used to fund the enterprise should be voted on and approved unanimously by the Commission.
Although an enterprise activity such as the brine line may involve external agencies or users, this activity has been developed and managed by SAWPA and, therefore, should be governed by the SAWPA Commission or SAWPA Project Committee, as appropriate.

8. **How should the Commission make decisions about actions implementing an approved budget?**

Once the budget is unanimously approved (whether General Budget or a Project Budget), expenditures from the approved budget should continue to be made by majority vote. However, no expenditure shall be approved for unbudgeted items or for contracting that exceeds the approved budget (either General Budget or Project Budget) without unanimous consent of the Commission or Project Committee.

9. **To implement OWOW, does SAWPA comprise the appropriate member agencies?**

Yes. The five member agencies are regional in nature and geographically represent the entire three-county watershed. Integrated Regional Watershed Management Plans (IRWMPs) in other areas of the State are typically managed by only one regional agency (a single regional water authority, flood control agency, County, etc.).

Having five agencies implement the IRWMP through the OWOW process provides a base level of regional agency diversity. In an effort to ensure further stakeholder participation, SAWPA has established a Steering Committee that includes county, city, NGO and other non-SAWPA representatives. The Steering Committee’s recommendations have been duly considered and for the most part, uniformly ratified by the Commission. As such, there is no compelling argument that the current governance structure for OWOW needs revision or that SAWPA’s governance needs to change for this purpose.

**Conclusion and Recommended Next Steps**

This report includes a series of recommendations regarding practices to improve relationships among the agencies’ General Managers, conforming SAWPA’s operations to the JPAA through the formation and implementation of Project Agreements and Project Committees, and development and approval of a series of amendments and clarifications to the JPAA. Most of the recommendations to strengthen the working relationships among SAWPA and the member agency management teams are administrative and nature and can be implemented immediately at the staff level. These practices should be put in place as soon as practicable and evaluated by the General Managers on an annual basis to determine effectiveness and to identify opportunities for continuous improvement.

Effectuating the recommendations to establish Project Agreements and Project Committees and to amend and clarify the JPAA will require discussion, review and approval among the Commission and the member agencies’ management teams, legal counsels and governing bodies. The General Managers recommend that a consensus Implementation Plan be developed jointly among SAWPA and the member agencies’ management staff that details the steps and actions necessary for implementation. This plan would be presented to the Commission for review and direction to move forward.
This report is respectfully submitted to the Commission for its review and consideration and represents the consensus views of the SAWPA member agency General Managers in consultation with the SAWPA General Manager. As noted herein, the General Managers firmly believe SAWPA is needed and must continue to exist as a healthy organization that achieves the collective best interests of the member agencies, while providing substantial benefits to the entire Santa Ana River Watershed. This is best accomplished through consensus decision-making and collaborative, productive and collegial working relationships between the SAWPA staff, Commissioners and the member agencies. When it works - it works well, and it is the goal of the General Managers in developing this report to provide recommendations that will improve and optimize the organization and its overall effectiveness.
Santa Ana Watershed Project Authority
Report from General Managers

August 2017

Discussion Overview

- Background
  - Report Purpose
- Facilitated Process
  - Commission Directives
- Recommendations
  - Communication/Collaboration
  - Business Practices
  - Joint Powers Authority Agreement

Doug Headrick
Mike Markus
John Rossi
Joe Grindstaff
Paul Jones
**Purpose of Process/Report**

- Commission supported facilitated process to discuss and resolve management issues between Member Agencies and SAWPA
- Commission asked GMs to develop and make recommendations
- Goal of recommendations is to assist SAWPA in effectively implementing projects, programs and strategic initiatives

**Facilitated Review Process**

- Six meetings from April to July facilitated by Sharon Browning
- All five member agency GM’s participated in all meetings
- Retired SAWPA GM participated in first meeting and gave valuable perspectives
- Interim SAWPA GM participated in final meeting and provided input on report
- Report and recommendations are consensus of all five member agency General Managers
Tasks

1. Identify SAWPA GM Recruitment Attributes (completed late-May)
2. Establish Planning Premises
3. Develop approaches to strengthen SAWPA GM and Member Agency GM working relationships
4. Address issues with operating provisions of JPAA and identify potential revisions
5. Respond to Governance Questions

Planning Premises

- SAWPA…
  - is needed and must continue to exist
  - implements programs and projects that achieve the collective best interests of the member agencies and others
  - fosters collaboration through consensus building
  - operates under a commonly understood JPAA
Working Relationships

- Communications/Collaboration Practices
  - Two Way communication pathways
  - Agree to “No Surprises Rule”
- Use existing monthly GM meetings as forum for consensus building
  - Goal is always consensus
  - If no consensus, agree to provide Commission balanced report

SAWPA General Manager Role

- Reports to Commission and leads organization:
  - GMs agree: “...must have broad latitude and authority to manage...”
  - Proposed coordination with GMs: “...not intended in any way to interfere with ...SAWPA GM’s authority..”
- Member Agency GMs and SAWPA GM commitment to working together in the best interests of stakeholders
JPAA Review

- Current JPAA is sound and provides for effective governance
- Recommendation is to better conform business practices to JPAA requirements
  - Project Agreements and Project Committees, as needed
- Implement revisions to both modernize and clarify the JPAA

Conforming Business Practices to JPAA Requirements – Projects

- Jointly identify “Projects” per definition
- Determine those needing Project Agreements
- Identify Project Agreement participants (including outside agencies)
- Develop Project Agreements
- Consistent with June 20, 2017 Commission direction
Amend JPAA to clarify certain provisions/terms:

- General and Project Budgets: “…expenditure and contracting ceiling..”
- Projects – two types proposed:
  - SAWPA Projects (Inland Empire Brine Line, OWOW, etc.)
  - Watershed Partnership Projects (task forces, round tables, outside funding partners)
- Matters of Administration
- Operating Decisions

Retain requirement for unanimous Member Agency/Partner approval of budget

New flexibility provided to increase budget by up to 10% by unanimous Commission approval

- No requirement for unanimous Member Agency Board approval for up to 10% increase
Recommendations

➢ Receive feedback from Commission regarding report and recommendations

➢ Schedule a focused Commission Workshop to discuss and refine the recommendations in the report

➢ Work with SAWPA General Manager to develop joint work plan to implement recommendations:
  ▪ Practices to strengthen working relationships
  ▪ Conforming JPAA operations (Project Committee/Project Agreements)
  ▪ JPAA amendments
COMMISSION MEMORANDUM NO. 2017.107

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Basin Monitoring Program Task Force Update

PREPARED BY: Mark R. Norton, PE, Water Resources & Planning Manager

RECOMMENDATION
That the Commission receive and file this information report and presentation regarding the Basin Monitoring Program Task Force work on the Triennial Ambient Water Quality Draft Report and results as prepared by CDM Smith and its subconsultant, Daniel B. Stephens Inc.

DISCUSSION
One of the major activities of the Basin Monitoring Program Task Force administered by SAWPA is the preparation of the ambient water quality update for TDS and nitrate in all groundwater management zones in the Santa Ana River Watershed. This spans a calculation period of 1996-2015 and was prepared by the consultant, CDM Smith and its subconsultant, Daniel B. Stephens Inc. A draft report for this work is now completed and has been shared with the Basin Monitoring Program Task Force which includes representatives from all five SAWPA member agencies. Comments on the draft report will be received through August 18th. Thereafter the report will be finalized and provided and presented to the Santa Ana Regional Water Quality Control Board as a required deliverable under the Basin Plan.

A PowerPoint presentation will be provided by Joseph LeClaire of Daniel B. Stephens Inc. about the draft Triennial Ambient Water Quality draft report results including the benefits of this work to the watershed.

CRITICAL SUCCESS FACTORS

- SAWPA has a strong reputation as a watershed-wide, knowledgeable, neutral and trusted facilitator, leader, and administrator of contracted activities.
- Report and use results of roundtable’s work, leverage information and involvement for the benefit of SAWPA, its members, and other stakeholders.

RESOURCE IMPACTS
Funding for all activities by the Basin Monitoring Program Task Force has been budgeted and included in the SAWPA budget.

Attachment:
1. PowerPoint presentation
Basin Monitoring Program Task Force

Recomputation of Current Ambient Water Quality in Groundwater Management Zones

SAWPA Commission Meeting

August 15, 2017
Objective

The Basin Plan requires the implementation of a watershed-wide monitoring program to:

– determine ambient water quality in groundwater
– assess compliance with groundwater quality objectives, and
– determine if assimilative capacity exists in groundwater management zones.
Background

• In 1995, a Task Force was formed to study the impacts that salt and nitrate have on the long-term sustainability of groundwater supply. The Task Force including the Regional Board:
  – revised groundwater basin boundaries
  – set new water quality objectives based on a better data set
  – developed a rigorous scientific method for computing the volume-weighted ambient water quality
Current - 1996 to 2015 - Recomputation

- Data compilation
- QA/QC, process, and upload recent historical data
- Calculate water quality point statistics
- Draw groundwater elevation and water quality contour maps
- Digitize contours and using geospatial tools, estimate volume-weighted ambient water quality in each groundwater management zone
Location of Wells with Nitrate Data
Location of Wells with TDS Data

Explanation
- Dark green squares: 1996-2015 Point Statistic NO$_2$-N
- Light green squares: 1996-2015 Average NO$_2$-N

Note: As requested by CBWM, private well locations used in the 1996-2015 AWG recomputation are not shown.

- RWQCB Boundary
- Groundwater Management Zone Boundary
- Recharge Basin
- Rivers and Streams

Scale: 0 5 10 Miles

Direction: N
Volume of Groundwater in GMZs
Ambient Water Quality - Nitrate (1996 to 2015)

Explanation

Groundwater Management Zone NO₃-N AWQ 1996-2015 (mg/L)

*SWO: Surface Water Objectives Apply

N/A: Not enough data were available to calculate AWQ values.

- RWQCB Boundary
- Groundwater Management Zone Boundary
- Recharge Basin
- Rivers and Streams
- NO₃-N Concentration (mg/L)
  - < 1.0 mg/L
  - 10 mg/L
  - > 20 mg/L
  - Concentration undetermined

Note: Grid cell size is 400 x 400 meters. For layered GMZs (Orange County, Chino-North, & Bunker-Hill Pressure Zones) the volume weighted concentrations are calculated and displayed.
Ambient Water Quality - TDS (1996 to 2015)

Explanation
Riverside-A Groundwater Management Zone TDS AWQ 1996-2015 (mg/L)
*SWO: Surface Water Objectives Apply
N/A: Not enough data were available to calculate AWQ values.

- RWQCB Boundary
- Groundwater Management Zone Boundary
- Recharge Basin
- Rivers and Streams

TDS Concentration (mg/L)
- < 100 mg/L
- 1,000 mg/L
- > 2,000 mg/L
- Concentration undetermined

Note: Grid cell size is 400 x 400 meters. For layered GMZs (Orange County, Chino-North, & Bunker-Hill Pressure Zones), the volume weighted concentrations are calculated and displayed.
TDS AWQ Change (2012 to 2015)

Explaination:

- **RWDOC Boundary**
- **Groundwater Management Zone Boundary**
- **Recharge Basin**
- **Rivers and Streams**

**TDS Concentration Change (2015-2012)**

- **Red**: Increase > 1,000 mg/L
- **Green**: Decrease > 1,000 mg/L
- **Orange**: Concentration change undetermined

*Note: Grid cell size is 400 x 400 meters. For layered GMZs (Orange County, Chino-North, & Bunker Hill Pressure Zones) the volume weighted concentrations are calculated and displayed.*
Nitrates as Nitrogen (Nitrate or NO₃⁻N)

China South

The nitrate objective for China South is 4.2 mg/L. The ambient nitrate concentration decreased from 38.0 mg/L in 2012 to 27.8 mg/L in 2015, and there is no assimilative capacity. One out of the five key wells in China South GMZ has an increasing trend in nitrate concentrations, three key wells show a decreasing trend, and the other one shows no trend in the nitrate concentrations. Seven of the total 178 wells with nitrate values in China South will not be eligible for the next AWQ reclassification if the well is not sampled prior to 2018. No new wells with statistics were added to the 96 wells to 2015 AWQ reclassification and nineteen wells that were sampled between 2014 and 2015 will be eligible to have statistics determined, if the wells are sampled again in the next AWQ reclassification period (1999-2018).

China East

The nitrate objective for China East is 10.0 mg/L. The ambient nitrate concentration increased from 21.0 mg/L in 2012 to 22.0 mg/L in 2015, and there is no assimilative capacity. Two out of the five key wells in China East GMZ have a decreasing trend in nitrate concentrations, while the other three show no trends in TDS concentrations. Thirteen of the total 499 wells with nitrate values in China East will not be eligible for the next AWQ reclassification if the well is not sampled prior to 2018. Forty-two new wells with statistics were added to the 96 wells to 2015 AWQ reclassification and sixty nine wells that were sampled between 2014 and 2015 will be eligible to have statistics determined, if the wells are sampled again in the next AWQ reclassification period (1999-2018).

Total Dissolved Solids (TDS)

China South

The TDS objective for China South is 680 mg/L. The ambient TDS concentration decreased from 990 mg/L in 2012 to 940 mg/L in 2015, and there is no assimilative capacity. Two out of the five key interpretive wells in China South GMZ show a decreasing trend while the other three show no trends in TDS concentrations. Five of the total 125 wells with TDS values in China South will not be eligible for the next AWQ reclassification if not sampled prior to 2018. No new wells with statistics were added to the 96 wells to 2015 AWQ reclassification, and nineteen wells that were sampled between 2014 and 2015 will be eligible to have statistics determined, if the wells are sampled again in the next AWQ reclassification period (1999-2018).

Table 3 - Well Attribution Analysis

The well locations above have been identified as locations likely to be lost in future AWQ reclassification studies. High TDS wells will be lost during the 1998-2018 study period if not sampled before 2018. Medium TDS wells will be lost during the 2002-2011 study period if not sampled before 2011. See Attachment B-5 and B-6 for NO₃⁻ and TDS well locations, respectively. As requested by Chino Basin Water Master, private well locations used in the 1996-2015 AWQ reclassification are not shown.
## Portion of the TDS AWQ Table

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chino, Rialto/Colton, and Riverside Basins</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chino-North, “max benefit”</td>
<td>420</td>
<td>260</td>
<td>300</td>
<td>320</td>
<td>340</td>
<td>340</td>
<td>350</td>
<td>360</td>
<td>10</td>
<td>60</td>
</tr>
<tr>
<td>Chino 1, “antideg”</td>
<td>280</td>
<td>280</td>
<td>310</td>
<td>330</td>
<td>340</td>
<td>340</td>
<td>350</td>
<td>350</td>
<td>0</td>
<td>−70</td>
</tr>
<tr>
<td>Chino 2, “antideg”</td>
<td>250</td>
<td>250</td>
<td>300</td>
<td>340</td>
<td>360</td>
<td>360</td>
<td>380</td>
<td>380</td>
<td>0</td>
<td>−130</td>
</tr>
<tr>
<td>Chino 3, “antideg”</td>
<td>260</td>
<td>260</td>
<td>280</td>
<td>280</td>
<td>310</td>
<td>320</td>
<td>320</td>
<td>320</td>
<td>0</td>
<td>−80</td>
</tr>
<tr>
<td>Chino-East</td>
<td>730</td>
<td>733</td>
<td>760</td>
<td>620</td>
<td>650</td>
<td>770</td>
<td>770</td>
<td>840</td>
<td>70</td>
<td>−110</td>
</tr>
<tr>
<td>Chino-South</td>
<td>680</td>
<td>676</td>
<td>720</td>
<td>790</td>
<td>940</td>
<td>980</td>
<td>990</td>
<td>940</td>
<td>−50</td>
<td>−260</td>
</tr>
<tr>
<td>Colton</td>
<td>410</td>
<td>407</td>
<td>430</td>
<td>430</td>
<td>450</td>
<td>430</td>
<td>440</td>
<td>480</td>
<td>40</td>
<td>−70</td>
</tr>
<tr>
<td>Cucamonga, “max benefit”</td>
<td>380</td>
<td>212</td>
<td>260</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>260</td>
<td>260</td>
<td>0</td>
<td>120</td>
</tr>
<tr>
<td>Cucamonga, “antideg”</td>
<td>210</td>
<td>212</td>
<td>260</td>
<td>250</td>
<td>250</td>
<td>250</td>
<td>260</td>
<td>260</td>
<td>0</td>
<td>−50</td>
</tr>
<tr>
<td>Rialto</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>220</td>
<td>230</td>
<td>230</td>
<td>230</td>
<td>240</td>
<td>10</td>
<td>−10</td>
</tr>
<tr>
<td>Riverside-A</td>
<td>660</td>
<td>660</td>
<td>440</td>
<td>440</td>
<td>440</td>
<td>430</td>
<td>420</td>
<td>440</td>
<td>20</td>
<td>120</td>
</tr>
<tr>
<td>Riverside-B</td>
<td>290</td>
<td>289</td>
<td>320</td>
<td>310</td>
<td>340</td>
<td>340</td>
<td>340</td>
<td>360</td>
<td>20</td>
<td>−70</td>
</tr>
<tr>
<td>Riverside-C</td>
<td>680</td>
<td>684</td>
<td>760</td>
<td>750</td>
<td>740</td>
<td>740</td>
<td>730</td>
<td>?</td>
<td>?</td>
<td>?</td>
</tr>
<tr>
<td>Riverside-E</td>
<td>720</td>
<td>721</td>
<td>720</td>
<td>700</td>
<td>710</td>
<td>700</td>
<td>740</td>
<td>730</td>
<td>−10</td>
<td>−10</td>
</tr>
<tr>
<td>Riverside-F</td>
<td>660</td>
<td>665</td>
<td>580</td>
<td>570</td>
<td>570</td>
<td>570</td>
<td>560</td>
<td>560</td>
<td>0</td>
<td>100</td>
</tr>
</tbody>
</table>
Benefits of Ambient WQ Recomputation

• Powerful tool to assist the stakeholders in managing the water resources in the Santa Ana Watershed:
  – aids the Regional Board in identifying TDS and nitrate trends the assessment of assimilative capacity is critical in permitting projects, such as groundwater replenishment reuse project
  – assists the stakeholders in identifying areas of potential concern
  – supports Santa Ana River wasteload allocation and discharge permits
  – collaboration of stakeholders and Regional Board
Questions?
DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Disadvantaged Community Involvement Program - Engage UC Irvine

PREPARED BY: Mike Antos, Senior Watershed Manager

RECOMMENDATION
Following the action of the OWOW Steering Committee, it is recommended that the Commission direct
the Interim General Manager to negotiate and execute a subagreement, not to exceed $105,000, with
University of California Irvine as a partner to the Disadvantaged Community Involvement Program.

DISCUSSION
On July 27, 2017 OWOW Steering Committee approved a motion requesting that SAWPA negotiate and
execute a subagreement with the University of California Irvine for services as a partner to the
Disadvantaged Communities Involvement Program.

Part of the program design is that much of the grant is allocated generally to three program elements
(Strengths and Needs Assessment, Education and Engagement, and Project Development.) As the
program progresses, items will arise that are appropriate activities to advance those program elements,
and grant dollars can be allocated to pursue those activities.

In this case the Strengths and Needs Assessment program element will benefit from the work of Drs.
Valerie Olson and Emily Books at University of California Irvine. Both are experienced and skilled social
scientists with expertise in community-engaged water planning. Their inclusion in the partnership will
increase the likelihood of achieving the goals of the program element, and the program. The potential
for this partnership with UCI arrived late in the planning of the DCI Program, and was not included in the
grant submittal as were our other partners (California State University, California Rural Water
Association, Local Government Commission, and Water Education Foundation). Grant budget is
available to include this additional critical partner in the Strengths and Needs Assessment Program
Element. This is the first activity to be undertaken by the program, and will set the stage for the
following steps.

Output from this partnership will include:

• Designing and implementing a rigorous process for identifying community-scale variables of
  strengths, needs, and values related to water.
  o Designing surveys, interview and listening session guides for DCI program partners and
    watershed agencies
  o Managing database and maintaining data integrity from outreach
  o Querying and comparing data from different communities to answer research questions

• Identifying the most effective ways for water agencies to partner with community groups to
  mobilize local expertise and develop community projects.
• Training SAWPA staff, project partners and student interns on methods and techniques for effective community engagement, including producing a written guide that could be used for future projects.

• Preserving institutional and community knowledge by building an archive of water stories from community members and practitioners, which could be made available to the public.

• Building and maintaining relationships of trust between community members and water practitioners.

BACKGROUND
The DCI Program is a component of the Proposition 1 Integrated Regional Water Management Program funding. The Bond language required ten percent of the funding in the IRWM chapter be used to ensure the involvement of disadvantaged, economically distressed, and underrepresented communities.

The SAWPA-managed DCI Program is the second in the State to start its three-year scope of work. Included are three program elements which include a total of twenty separate tasks. Slightly more than half of the $6.3 million grant is allocated to several tasks that are designed to be funded and scoped as the program progresses. Resources were left available within the Community Water Ethnography task, which is responsible for researching and then producing the Strengths and Needs Assessment report for the Santa Ana River Watershed. An additional $2.4 million are similarly left available within the Technical Assistance / Project Implementation task to be allocated to needs identified during the work.

The DCI Program is supported by the strong foundation of knowledge and outreach developed throughout earlier OWOW planning efforts, and aims for broad outcomes. The Strengths and Needs Assessment program element will gather a broad understanding of strengths and needs of watershed communities and ensure that the insights of community members are honored. The activities of this effort focus on listening and learning.

The Engagement and Education program element will build a bridge of familiarity between water stakeholders and community members. Water managers and interested partners will learn about the communities of the watershed and the strengths and needs of those communities. The communities will learn about the water management process and how their participation can bring needed change to their communities. And, through facilitated events where learning, networking and engagement are core principles, the social fabric of the watershed will be strengthened to benefit water governance and community resilience.

The Project Development program element will ensure that solutions to previously documented needs are being advanced, and that newly discovered needs have solutions identified and given every opportunity to achieve future implementation funding. This effort will provide the summation of the work of the DACI Program to the OWOW Plan Update 2018. Documenting the findings, lessons learned, and next steps of the DACI Program, the region will have a road-map to successfully staying engaged and continuing to meet the needs of the members of overburdened and underrepresented communities.

CRITICAL SUCCESS FACTORS
1. Continued support from SAWPA commission of OWOW Steering Committee’s decision making authority as a means of ensuring trust, transparency, and external communications.

2. A strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership and community engagement.

3. Successful implementation of an integrated regional water resource plan that reflects the watershed management needs of the public and the environment.

**RESOURCE IMPACTS**

The subagreement with UC Irvine, once executed, will be funded entirely by the Disadvantaged Communities Involvement Program grant from the Department of Water Resources.

**ATTACHMENTS**

1. Draft subagreement with University of California Irvine
2. Commission PowerPoint Presentation
This Proposition 1 Integrated Regional Water Management Program ("IRWMP") Disadvantaged Communities Involvement Program Grant Funding Contract ("Contract") is made between Santa Ana Watershed Project Authority ("SAWPA") and University of California Irvine (the "Sub-Grantee"). SAWPA and the Sub-Grantee may be individually referred to as "Party", and collectively referred to as the "Parties". Other organizations implementing the Disadvantaged Communities Involvement Program ("project") are California Rural Water Association, Water Education Foundation, University Enterprises (CSU) and Local Government Commission ("DCI Sub-Grantees").

WHEREAS, Section 79740 et seq. of the Water Code provides $810 million for projects that are included in and implemented in an adopted integrated regional water management plan and that respond to climate change and contribute to regional water security, and from within $51 million allocated to the IRWM Program, no less than 10 percent be expended for the purpose of ensuring involvement of disadvantaged communities, economically distressed areas, or underrepresented communities; and

WHEREAS, in June, 2017, the California Department of Water Resources ("DWR") and SAWPA entered into a Proposition 1 IRWMP Disadvantaged Community Involvement Program Grant Agreement ("Grant Agreement") providing that SAWPA would serve as the program manager for the $6,300,000 in IRWMP grant funds to be disbursed to Sub-Grantees, consistent with IRWMP and California Environmental Quality Act ("CEQA") requirements, and ensuring that the maximum benefit of such funds are realized in the Santa Ana River Watershed; and

WHEREAS, consistent with the Grant Agreement between DWR and SAWPA, SAWPA intends to disburse to the Sub-Grantee a portion of the $6,300,000 in IRWMP grant funds for the DCI Program by way of this Contract with the Sub-Grantee.

THEREFORE, based on the foregoing incorporated recitals and in consideration of the mutual covenants and conditions set forth in this Contract, the Parties hereby agree to the following:

SECTION 1. PROJECT DESCRIPTION

The DCI Program in the Santa Ana River Watershed aims for broad outcomes. The program includes three program elements, each of which links and relies on the others. 1) The Strengths and Needs Assessment program element will gather a broad understanding of strengths and needs of watershed communities and ensure that the insights of community members are honored. The activities of this effort focus on listening and learning. 2) The Engagement / Education program element will build a bridge of familiarity between water stakeholders and community members. Water managers and interested partners will learn about the communities of the watershed and the strengths and needs of those communities. The communities will learn about the water management process and how their participation can bring needed change to their communities. And, through facilitated events where learning, networking and engagement are core principles, the social fabric of the watershed will be strengthened to benefit water governance and community resilience.
3) The Project Development program element will ensure that solutions to previously documented needs within disadvantaged community water management are being advanced, and that newly discovered water management needs within disadvantaged or underrepresented communities have solutions identified and are given every opportunity to achieve future implementation funding. This effort will provide the summation of the work of the DCI Program to the OWOW Plan Update 2018. Documenting the findings, lessons learned, and next steps of the DCI Program, the region will have a road map to successfully staying engaged and continuing to meet the needs of the members of overburdened and underrepresented communities.

SECTION 2. SUB-GRANTEE SCOPE OF WORK, DELIVERABLES

The Sub-Grantee, in partnership with the other DCI Sub-Grantees, will implement the DCI Program. Sub-grantee is responsible for the following activities during the work period:

- **Program Element: Strengths & Needs Assessment**
  - Participate in the DCI Program Technical Advisory Committee
    - **Deliverables:** In-person or teleconference participation at all TAC meetings
  - Contribute to Community Listening Workshops, Agency, Local Elected, and Mutual Water Company engagement.
    - **Deliverables:** Lead development of interview documents / methods with SAWPA and DCI Sub-grantees.
  - Assist SAWPA with Water Agency engagement
    - **Deliverables:** records achieved from Water Agency engagement meetings
  - Support development of Community Water Ethnography of the Santa Ana River Watershed
    - **Deliverables:** Partner with University Enterprises to develop data coding, analysis and display, contribute to writing and editing of report as-appropriate

- **Program Element: Engagement / Education**
  - If during the period of work, participate at State of the Watershed Conferences
    - **Deliverables:** Attendance at the events, support event programming

- **Program Element: Project Development**
  - Contribute to OWOW Plan Update 2018
    - **Deliverables:** provide review and content as-appropriate to the OWOW Plan Update 2018

- **Grant Administration**
  - **Deliverables:** Quarterly progress reports of activities that match and accompanying invoice of costs incurred in pursuit of the program deliverables.

SECTION 3. CONTRACT DOCUMENTS; ORDER OF PRECEDENCE; SUB-GRANTEE GENERAL COMMITMENT

This Contract incorporates and includes as part of its terms and conditions the Grant Agreement between DWR and SAWPA, Agreement No. 4600011889, attached hereto as Attachment “A” (hereinafter the “Grant Agreement”).

In the event of any inconsistency between this Contract and the Grant Agreement, except as otherwise specifically provided, the inconsistency shall be resolved by giving precedence to the Grant Agreement.
The Sub-Grantee shall comply with all terms, provisions, conditions, and commitments of this Contract and the Grant Agreement. Such compliance shall include providing SAWPA with all deliverables, budget detail, reports and all other documents required by the Grant Agreement.

On behalf of and for the benefit of SAWPA, Sub-Grantee shall comply with all of the obligations and requirements of the Grant Agreement as if the Sub-Grantee were the “Grantee” under the terms of the Grant Agreement. Such compliance shall be to the fullest extent necessary and as may be required by SAWPA in order to enable SAWPA to comply with the Grant Agreement as “Grantee.”

SECTION 4. SUB-GRANTEE ESTIMATED ELIGIBLE PROJECT COSTS; GRANT AMOUNT

The estimated reasonable cost of the Project at the time of SAWPA’s and DWR’s approval of the Project is six million three hundred thousand ($6,300,000). Subject to all of the terms, provisions, and conditions of this Contract, and subject to the availability of the grant funds, SAWPA shall disburse such grant funds in a sum not to exceed one hundred five thousand dollars ($105,000) for the assigned program elements per the Budget in the Grant Agreement. Work performed by Sub-Grantee after January 22, 2016, is eligible for reimbursement.

Eligible Project costs are described in the Grant Agreement, Section 7, page 2.

SECTION 5. DISBURSEMENT

Grant funds will be disbursed in accordance with the disbursement provisions of the Grant Agreement. Retention is stipulated in Exhibit D of the Grant Agreement. SAWPA’s actual grant disbursements to the Sub-Grantee under this Contract shall not exceed payments received from DWR. If actual Project costs exceed the Project’s estimated reasonable cost, SAWPA shall have no obligation to provide grant funds for such exceedance.

SECTION 6. FISCAL MANAGEMENT SYSTEMS AND ACCOUNTING STANDARDS

The Sub-Grantee agrees that, at a minimum, its fiscal control and accounting procedures shall be sufficient to permit tracking of grant funds to a level of expenditure adequate to establish that such funds have not been used in violation of State law or this Contract. The Sub-Grantee shall maintain accounts in accordance with generally accepted government accounting standards and the conditions outlined in Exhibit D.

SECTION 7. TERM

This Contract shall not be effective until it has been executed by SAWPA. The Term of this Contract shall be the same as the Term of the Grant Agreement, unless sooner terminated pursuant to the provisions of this Contract or the Grant Agreement.

SECTION 8. ASSIGNMENT

Neither this Contract, nor any duties or obligations under this Contract shall be assigned by any Party without the prior written consent of the other Party.
Should an assignment or transfer occur, whenever SAWPA or the Sub-Grantee are named or referred to herein, such reference shall be deemed to include the successor to the powers, duties and functions that are presently vested in SAWPA and the Sub-Grantee, and all Contract and covenants required hereby to be performed by or on behalf of SAWPA and/or the Sub-Grantee shall bind and inure to the benefit of the respective successors thereof whether so expressed or not.

SECTION 9. COMPLIANCE WITH LAWS AND REGULATIONS

The Sub-Grantee agrees that it shall, at all times, comply with and require its contractors and subcontractors to comply with all applicable federal and state laws, rules, regulations and guidelines.

SECTION 10. ACKNOWLEDGEMENT OF CREDIT/SIGNAGE REQUIREMENTS

The Sub-Grantee shall include appropriate acknowledgement to SAWPA, project partners where appropriate, and to the State per the Grant Agreement Exhibit D. section D.2 page 18 promoting the Project or using any data and/or information developed under this Contract and/or the Grant Agreement.

SECTION 11. PROJECT ACTIVITIES AND NOTIFICATION

The Sub-Grantee shall immediately notify SAWPA in writing of:

1. Any substantial change in the scope, budget, or work performed of the Project. The Sub-Grantee agrees that no substantial change in the scope of the Project may be undertaken until written notice of the proposed change has been provided to SAWPA, and SAWPA and DWR have given written approval for such a change;

2. Any public or media event publicizing the accomplishments and/or results of this Grant Agreement and provide the opportunity for attendance and participation. Sub-Grantee must notify SAWPA at least 20 calendar days prior to the event.

3. Unscheduled cessation of all work on the Project where such cessation of work is expected to or does continue for a period of 30 calendar days or more;

4. Any circumstance, combination of circumstances, or condition which is expected to delay project completion for a period of 90 calendar days or more beyond the initial estimated date of completion of the Project previously provided to SAWPA;

SECTION 12. PAYMENT OF PROJECT COSTS

The Sub-Grantee shall provide for and make payment for all Project costs. All costs and payments for the Project shall be paid by the Sub-Grantee promptly and in compliance with all applicable laws. All grant disbursements will be reimbursements.

SECTION 13. WITHHOLDING OF GRANT DISBURSEMENTS

SAWPA may withhold all or any portion of the grant funds provided for by this Contract in the event that:

1. The Sub-Grantee has violated, or threatens to violate, any term, provision, condition, or commitment of this Contract;
(2) The Sub-Grantee fails to maintain reasonable progress toward completion of the Project; or

(3) DWR directs SAWPA to withhold any such grant funds.

SECTION 14. INVOICING

(A) Invoices shall be completed on a State-provided invoice form and shall meet the following format requirements:

(1) Invoices must contain the date of the invoice, the time period covered by the invoice, and the total amount due.

(2) Invoices must be itemized. The amount claimed for salaries/wages/consultant fees must include a calculation formula (i.e. hours or days worked times the hourly or daily rate = the total amount claimed).

(B) Invoices also shall include the following information:

(1) Costs incurred for work performed in implementing the Project during the period identified in the particular invoice.

(2) Appropriate receipts and documentation that show the total outlays for the Grant Amount.

SECTION 15. QUARTERLY PROGRESS REPORTS

Quarterly progress reports shall be completed using the templates provided by SAWPA. Quarterly progress reports shall provide a brief description of the work performed, activities, milestones achieved, any accomplishments as well as any problems encountered in the performance of the work. The first quarterly progress reports shall cover the period between January 22, 2016, and June 30, 2017, and be submitted no later than July 15, 2017 to SAWPA, with future quarterly progress reports covering quarter (Jul-Sep, Oct-Dec, Jan-Mar, Apr-Jun) reporting periods. Each quarterly progress report shall be delivered to SAWPA within ten (10) business days after the close of the reporting period. The final quarterly progress report will be due January 22, 2020.

SECTION 16. RECORDS AND REPORTS

(A) Without limitation on the requirement that Project accounts be maintained in accordance with generally accepted government accounting standards, the Sub-Grantee shall comply with the records and reporting requirements imposed by the Grant Agreement, and shall also:

(1) Establish an official Project file that documents all significant actions relative to the Project;

(2) Establish separate accounts that adequately and accurately itemizes and describes all amounts received and expended on the Project, including but not limited to all grant funds received under this Contract;
(3) Establish separate accounts that adequately and accurately itemizes and describes all income received which is attributable to the Project, specifically including any income attributable to grant funds disbursed under this Contract;

(4) Establish an accounting system that adequately and accurately itemizes and describes final total costs of the Project, including both direct and indirect costs;

(5) Establish such accounts and maintain such records as may be necessary for the State, DWR and SAWPA to fulfill federal reporting requirements, including any and all reporting requirements under federal tax statutes or regulations; and

(B) The Sub-Grantee shall require all Project contractors and subcontractors to maintain books, records, and other material relative to the Project in accordance with generally accepted accounting standards, and to require that such contractors and subcontractors retain such books, records, and other material for a minimum of ten (10) years after Project completion. The Sub-Grantee shall require that such books, records, and other material shall be subject, at all reasonable times, to inspection, copying, and audit by SAWPA, DWR or its authorized representatives.

(C) The Sub-Grantee shall maintain its books, records and other material concerning the Project in accordance with generally accepted government accounting standards and as required by the Grant Agreement.

(D) All documents required or requested to be provided to SAWPA shall be submitted electronically in both the native format (e.g. Microsoft Word, Microsoft Excel, etc) and PDF. All documents shall be public domain or the property of SAWPA once submitted.

(E) The Sub-Grantee agrees to expeditiously provide, during work on the Project and for three years after the project completion, such reports, data, information and certifications as may be reasonably required by SAWPA or DWR. Such documents and information shall be provided in electronic format.

SECTION 17. PROJECT REVIEW AND EVALUATION; FINAL REPORTS AND AUDIT

(A) SAWPA may perform a Project review or otherwise evaluate the Project to determine compliance with the contract documents at any time or if questions about the proper use or management of the funds arise. SAWPA may review or evaluate the contractor or vendor for compliance with the terms and conditions of the contract document. The Project review and evaluation may be performed by SAWPA or may be contracted to a responsible third party. Any findings and recommendations of the Project review and evaluation shall be addressed by the Sub-Grantee within sixty (60) calendar days of the date such findings and recommendations are provided to the Sub-Grantee and before the next invoice is paid by SAWPA.

(B) At least fifteen (15) calendar days prior to submission of the final Project invoice, Sub-Grantee shall provide SAWPA the Disposition of Equipment per Exhibit D of the Grant Agreement.

(C) In addition to the documents and deliverables required to be provided by the Grant Agreement, with the final quarterly progress report Sub-Grantee will provide a Project Completion Report containing at minimum, the items required by the Grant Agreement Section 15(b), page 6.
The final Project Completion Report shall be accompanied by such other financial information as may be required by SAWPA or DWR to verify Sub-Grantee entitlement to grant funds, to assure program integrity, and to comply with any federal or state requirements. A duly authorized representative of the Sub-Grantee shall certify the Project Completion Report as correct.

(D) SAWPA may call for an audit of financial information relative to the Project, where SAWPA determines that an audit is desirable to assure program integrity or where such an audit becomes necessary because of federal or state requirements. Where such an audit is called for, the audit shall be performed by a Certified Public Accountant independent of the Sub-Grantee and at the cost of the Sub-Grantee. The audit shall be in the form required by SAWPA.

SECTION 18. PROJECT CLOSEOUT DOCUMENTATION

To ensure that the Project is closed out in a manner that provides an auditable file for SAWPA, Sub-Grantee shall follow a close-out procedure that includes payment of all subcontracts and any other requirements for the completion of the scope of work. Such close-out procedures shall include those procedures contained in the Grant Agreement or otherwise required by SAWPA and DWR.

SECTION 19. TERMINATION; IMMEDIATE REPAYMENT; INTEREST

(A) If SAWPA determines the Sub-Grantee is not implementing in accordance with the provisions of this Agreement or the Grant Agreement, or that the Sub-Grantee has failed in any other respect to comply with the provisions of this Agreement or the Grant Agreement, and if the Sub-Grantee does not remedy any such failure to SAWPA’s satisfaction within ten (10) days following notification of the determination, SAWPA may withhold from the Sub-Grantee all or any portion of the grant funding and take any other action that it deems necessary to protect its interests. Where a portion of the grant funding has been disbursed to the Sub-Grantee for work that has not yet yielded a required deliverable, the portion that has been disbursed for that activity shall thereafter be repaid immediately with interest at the California general obligation bond interest rate at the time SAWPA notifies the Sub-Grantee, as directed by SAWPA.

(B) SAWPA may terminate this Contract should DWR terminate SAWPA as program manager, or terminate funding for this Contract or the Project or should DWR terminate its standard agreement with SAWPA on this Project. Upon such DWR-caused termination, SAWPA shall not be liable to Sub-Grantee for any damages, costs or expenses resulting from such termination.

SECTION 20. DAMAGES FOR BREACH AFFECTING TAX EXEMPT STATUS

In the event that any breach of any of the provisions of this Contract or other action by the Sub-Grantee shall result in the loss of tax exempt status for any bonds, or if such breach shall result in an obligation on the part of the SAWPA to reimburse the federal government by reason of any arbitrage profits, the Sub-Grantee shall immediately reimburse SAWPA and/or DWR in an amount equal to any damages paid by or loss incurred by the State due to such breach.

SECTION 21. ARBITRATION

Any dispute which may arise under this Contract by and between SAWPA and the Sub-Grantee, including the Sub-Grantee’s subcontractors, laborers, and suppliers, shall be submitted to binding arbitration. The arbitrator shall decide each and every dispute in accordance with the laws of the State of
California, and all other applicable laws. Unless the Parties stipulate in writing to the contrary, prior to the appointment of the arbitrator, all disputes shall first be submitted to non-binding mediation.

**SECTION 22. COSTS AND ATTORNEY FEES**

In the event of arbitration or litigation between the parties hereto arising from this Contract, it is agreed that the prevailing party shall be entitled to recover reasonable costs and attorney fees.

**SECTION 23. WAIVER**

Any waiver of any rights or obligations under this Contract or the Grant Agreement shall be in writing and signed by the Party making such waiver, and approved by SAWPA and the DWR.

**SECTION 24. AMENDMENT**

This Agreement may be amended at any time by mutual written agreement of the Parties.

**SECTION 25. INDEMNIFICATION**

(A) Sub-Grantee shall defend, indemnify and hold harmless SAWPA, DWR, and their respective directors, commissioners, officers, employees, agents, and assigns (collectively, the “Indemnified Parties”) from and against any claims, losses, damages, attorneys’ fees and expenses arising from any and all contracts, contractors, subcontractors, suppliers, laborers, and any other person, entity or corporation furnishing or supplying such services, materials or supplies in connection with the Project funded, in part, by this Contract. Sub-Grantee shall indemnify and save Indemnified Parties harmless from any and all claims, losses, damages, attorneys’ fees and expenses that may arise from any breach or default by Sub-Grantee in the performance of its obligations under this Contract, or any act of negligence by the Sub-Grantee or any of its agents, contractors, subcontractors, servants, employees or licensees concerning the subject matter of this Contract or the Project. No indemnification is required under this Section for claims, losses or damages arising out of the sole and exclusive misconduct or negligence under this Contract by SAWPA. Sub Grantee shall require its contractors or subcontractors to name the SAWPA, DWR, and their officers, agents and employees as additional insureds on their liability insurance for activities undertaken pursuant to this Agreement.

(C) In addition to complying with the insurance requirements contained in the Grant Agreement, including Exhibit D of the Grant Agreement, the Sub-Grantee shall ensure that adequate insurance coverage is provided by Sub-Grantee and/or its contractors and subcontractors on the Project funded, in part, by this Contract.

**SECTION 26. PROJECT AND INFORMATION ACCESS**

The Sub-Grantee agrees to ensure that SAWPA, DWR, or any authorized representative thereof, shall have reasonable access to the Project materials and Project-related events at all reasonable times during the Project.

**SECTION 27. OPINIONS AND DETERMINATIONS**

Where the terms of this contract provide for action to be based upon the opinion, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary and capricious.
IN WITNESS THEREOF, the parties have executed this Contract on the later date set forth below.

SANTA ANA WATERSHED PROJECT AUTHORITY

Dated: ___________________________ By: __________________________________________

Richard E. Haller
Interim General Manager

University of California Irvine
Sub-Grantee

Dated: ___________________________ By: __________________________________________
Disadvantaged Community Involvement (DCI) Program

Proposed new partner:
University of California, Irvine

OWOW Program Approach

1. Strengths and Needs Assessment
2. Education and Engagement
3. Project Development
   - Disadvantaged / Tribal Community Pillar
   - Technical Advisory Committee
DCI Program Design

- Grant dollars in Program Element 1 and PE 3
  - Designed to be allocated to needed/eligible items during the project
  - As strengths & needs are uncovered, the TAC will recommend to Steering Committee for allocation.
  - SAWPA Commission ultimately responsible for Grant Administration

UC Irvine

- Drs. Valarie Olsen and Emily Brooks
  - Department of Anthropology
  - Center for Ethnography – home of the Community Knowledge Project
  - Water UCI – initiative supporting interdisciplinary research on water science, technology, management and policy.
UC Irvine

- Training DCI partners on effective engagement methods
- Developing written guide for future use
- Preserving community knowledge by archiving water stories collected during the DCI Program.
- Building and maintaining relationships of trust between community members and water practitioners.
- Identifying community-scale variables of strengths, needs, and values related to water.
- Cataloging effective ways for water agencies to partner with community groups

Recommendation

- Following the action of the OWOW Steering Committee, it is recommended that the Commission direct the Interim General Manager to negotiate and execute a subagreement, not to exceed $105,000, with University of California Irvine as a partner to the Disadvantaged Community Involvement Program.
COMMISSION MEMORANDUM NO. 2017.106

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Inland Empire Brine Line Reach V Rehabilitation and Improvement Project – Phase 1

PREPARED BY: David Ruhl, Program Manager

RECOMMENDATION
Receive and file.

DISCUSSION
The Interim General Manager executed Change Order No. 6 with Weka Inc. in an amount not to exceed ($10,651.23) for the Inland Empire Brine Line Reach V Rehabilitation and Improvement Project – Phase 1.

In January 2017, SAWPA issued a change order to Weka Inc. (Task 4) to complete the Inland Empire Brine Line Reach V Rehabilitation and Improvement Project – Phase 1 (Project). The work includes the rehabilitating approximately 2.5 miles of the Brine Line utilizing the cured-in-place pipe (CIPP) method. The contract for the work describes a process by which SAWPA will use laser profiling of the existing pipe to determine whether particular segments will either be left alone, lined, or replaced with new pipe.

Laser profiling data for Segments 9 and 16 revealed ovality of greater than 10% and up to 16.5% in portions of those pipe segments. Based on the criteria in the contract documents and the review by the design engineer and SAWPA staff it was determined that replacing the existing PVC pipe with new PVC pipe is the preferred method in those locations.

In addition, work related to installation of two Maintenance Access Structures was changed due to underground conflicts and coordination with County of Riverside for upcoming road improvements. Weka also performed additional work related to Spiniello’s post-lining laser profiling, as allowed by order of the court. Those costs will be recovered from Spiniello, per the court order.

These changes in Weka’s work were grouped into Change Order 6, totaling to a net deduction of $10,651.23 in Weka’s contract amount. A copy of Change Order No. 6 is attached for your information.

CRITICAL SUCCESS FACTORS
1. Minimize disruptions to customers.
2. Maintain sufficient funding and reserves for current and future Capital and O&M costs through stable, predictable, and affordable rates and charges.
3. Protect and preserve the useful life of Brine Line assets through strategic maintenance, repair, and capital improvements.
4. Operate the Brine Line to: (1) protect the OCSD treatment plant and the environment from non-compliant dischargers, and (2) eliminate any uncontrolled pipeline releases.
RESOURCE IMPACTS
Minor cost savings. The Project is being funded by the Brine Line Reserve and SRF loan. SAWPA intends to hold the contractor and the performance bond surety responsible for completing the project within the original bid price.

Attachments:
1. Map
2. Change Order No. 6
Inland Empire Brine Line Reach V Rehabilitation and Improvement Project
Reaches 2 and 3

MAS Type
- A
- B
- Reach 2 (8,925 ft)
- Reach 3 (3,875 ft)
- Reach V

Mas V-0500-B
Mas V-0490-A
Mas V-0480-A
Mas V-0470-B
Mas V-0460-A
Mas V-0450-A
Mas V-0440-B
Mas V-0430-B
Mas V-0420-A
Mas V-0410-A
Mas V-0400-B
SANTA ANA WATERSHED PROJECT AUTHORITY
CHANGE ORDER NO. 6
To Construction Contract

CONTRACTOR: Weka, Inc.
27075 5th Street
Highland, CA 92346

VENDOR NO. 1853

PROJECT: Inland Empire Brine Line Reach V Rehabilitation and Improvement Project Phase 1, Task 4

COST: ($10,651.23)

REQUESTED BY: David Ruhl, Program Manager
August 8, 2017

FINANCE:
Karen Williams, CFO
Date

FINANCING SOURCE:
Acct. Coding: 326-REACH-6310-01
Acct. Description: Construction

COMMISSION AUTHORIZATION REQUIRED FOR THIS CHANGE: YES ( )  NO (X)

Contract funding was authorized 1-10-2017; ref CM# 2017.5

Contractor is hereby directed to provide the extra work necessary to comply with this change order.

DESCRIPTION/JUSTIFICATION OF CHANGE:

1.01 24” PVC Open Cut Remediation Sta. 438+00 – 441+95: Contractor was directed to complete removal and replacement of the 24” PVC Brine Line from station 438+00 to sta. 441+95 (approx. 395 LF) due to pipeline ovality greater than 10%. Cost includes shoring, traffic control, removal, replacement, backfill, compaction, AC Removal and replacement, restriping and pressure testing. The total cost for the additional work is $181,107.50.

1.02 24” PVC Open Cut Remediation Sta. 463+10 – 463+80: Contractor was directed to complete removal and replacement of the 24” PVC Brine Line from station 463+10 to sta. 463+80 (approx. 70 LF) due to pipeline ovality greater than 10%. Cost includes installation of an additional liner pit, shoring, traffic control, removal, replacement, backfill, compaction, AC Removal and replacement. The total cost for the additional work is $78,160.00.

1.03 Proposal Item 26 (Fiberglass Reinforced CIPP Liner) Adjustment: This Change Order decreases the amount allocated for Proposal Item 26, by $262,260 to a new authorized Proposal Item amount of $1,505,880 (Delete 465 LF at $564/LF).

Contractor was directed to complete removal and replacement of the 24” PVC Brine Line from station 438+00 to sta. 441+95 (approx. 395 LF) and from station 463+10 to sta. 463+80 (approx. 70 LF) due to pipeline ovality greater than 10%.
1.04 Proposal Item 9 (MAS A Assembly) Adjustment- Revised MAS-0460-A Installation: This Change Order increases the amount allocated for Proposal Item 9, by $55,000 to a new authorized Proposal Item amount of $275,000 (Add 1 EA at $55,000 EA).

Contractor was directed to install MAS-0460-A at sta. 441+95 in line with the pipe alignment, in lieu of offset as shown on the contract documents.

1.05 Proposal Item 11 (Offset MAS A Assembly) Adjustment - Revised MAS-0460-A Installation: This Change Order decreases the amount allocated for Proposal Item 11, by $85,000 to a new authorized Proposal Item amount of $85,000 (Delete 1 EA at $85,000 EA).

Contractor was directed to install MAS-0460-A at sta. 441+95 in line with the pipe alignment, in lieu of offset as shown on the contract documents.

1.06 Revised Alignment of MAS-0470-B - Contractor was directed to revise the alignment of MAS-0470-B at sta. 457+03 due to County of Riverside future road way realignment and conflict with existing improvements. Cost includes all material, equipment and labor necessary to extend the horizontal offset of the MAS to the East. The total cost for the additional work is $19,464.67.

1.07 3rd Party Inspection Support Efforts – Segment No. 1 – Sta. 501+08 – 496+60: Cost incurred by Weka to assist third party inspection efforts of the completed CIPP lining of Segment No.1 (Sta. 501+08 – 496+60) as required per the court order issued on June 1, 2017. The total cost for the additional work is $2,876.60.

CHANGE IN CONTRACT TIME: 0 days

CHANGE IN TASK ORDER PRICE:

| Original Contract Amount:      | $2,044,602.00 |
| Change Order No. 1 Amount:    | $598,746.00   |
| Change Order No. 2 Amount:    | $12,886,113.00|
| Change Order No. 3 Amount:    | ($284.52)     |
| Change Order No. 4 Amount:    | $0.00         |
| Change Order No. 5 Amount:    | $71,605.33    |
| Change Order No. 6 Amount:    | ($10,651.23)  |
| Revised Contract Total:       | $15,590,130.58|

ACCEPTANCE:
Contractor accepts the terms and conditions stated above as full and final settlement of any and all claims arising from or related to this Change Order. Contractor agrees to perform the above described work in accordance with the above terms and in compliance with applicable sections of the Contract Specifications. This Change Order is hereby agreed to, accepted and approved, all in accordance with the General Provisions of the Contract Specifications.

SANTA ANA WATERSHED PROJECT AUTHORITY

Richard Haller, PE, Interim General Manager

WEKA, INC.
Below is a summary of cash transactions completed during the month in the Authority's checking account with US Bank. Attached are summaries by major revenue and expense classifications.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Receipts and Deposits to Account</td>
<td>$1,638,530.73</td>
</tr>
<tr>
<td>Net Investment Transfers</td>
<td>2,024,096.80</td>
</tr>
<tr>
<td>Cash Disbursements</td>
<td>$(3,195,527.16)</td>
</tr>
<tr>
<td>Net Change for Month</td>
<td>$467,100.37</td>
</tr>
<tr>
<td>Balance at Beginning of Month</td>
<td>$1,141,736.05</td>
</tr>
<tr>
<td>Balance at End of Month per General Ledger</td>
<td>$1,608,836.42</td>
</tr>
<tr>
<td>Collected Balance per Bank Statement</td>
<td>$1,745,816.62</td>
</tr>
</tbody>
</table>

**ACCOUNTS PAYABLE RECONCILIATION**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts Payable Balance @ 05/31/17</td>
<td>$3,767,673.27</td>
</tr>
<tr>
<td>Invoices Received for June 2017</td>
<td>4,407,336.48</td>
</tr>
<tr>
<td>Invoices Paid by check/wire during June 2017 (see attached register)</td>
<td>$(2,924,792.45)</td>
</tr>
<tr>
<td>Accounts Payable Balance @ 06/30/17</td>
<td>$5,250,217.30</td>
</tr>
</tbody>
</table>
### CASH RECEIPTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brine Line Operating Revenues</td>
<td>$1,196,095.11</td>
</tr>
<tr>
<td>Other Grant Funds (DAC Grant)</td>
<td>$90,868.76</td>
</tr>
<tr>
<td>Participant Fees</td>
<td>$87,888.00</td>
</tr>
<tr>
<td>LESJWA Admin Reimbursement</td>
<td>$13,299.70</td>
</tr>
<tr>
<td>Grant Proceeds - Prop 84</td>
<td>$112,801.99</td>
</tr>
<tr>
<td>Grant Proceeds - Prop 84 Pass-throughs</td>
<td>$128,741.75</td>
</tr>
<tr>
<td>Other</td>
<td>$8,835.42</td>
</tr>
<tr>
<td><strong>Total Receipts and Deposits</strong></td>
<td><strong>$1,638,530.73</strong></td>
</tr>
</tbody>
</table>

### INVESTMENT TRANSFERS

<table>
<thead>
<tr>
<th>Transfer of Funds:</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (to) LAIF</td>
<td>$2,000,000.00</td>
</tr>
<tr>
<td>From (to) Grant Retention (USB)</td>
<td>-</td>
</tr>
<tr>
<td>From (to) CalTRUST (USB)</td>
<td>-</td>
</tr>
<tr>
<td>From (to) Legal Defense Fund</td>
<td>-</td>
</tr>
<tr>
<td>From (to) Investments</td>
<td>$24,096.80</td>
</tr>
<tr>
<td><strong>Total Investment Transfers</strong></td>
<td><strong>$2,024,096.80</strong></td>
</tr>
</tbody>
</table>

### CASH DISBURSEMENTS

<table>
<thead>
<tr>
<th>By Check:</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payroll</td>
<td>$1,569.43</td>
</tr>
<tr>
<td>Operations</td>
<td>$2,912,745.60</td>
</tr>
<tr>
<td><strong>Total Checks Drawn</strong></td>
<td><strong>$2,914,315.03</strong></td>
</tr>
<tr>
<td>By Cash Transfer:</td>
<td>Amount</td>
</tr>
<tr>
<td>Payroll</td>
<td>$163,200.72</td>
</tr>
<tr>
<td>Payroll Taxes</td>
<td>$82,402.62</td>
</tr>
<tr>
<td>Wire Transfer - US Bank Credit Card</td>
<td>$12,046.85</td>
</tr>
<tr>
<td>Wire Transfer - CalPERS</td>
<td>$19,226.68</td>
</tr>
<tr>
<td>Take Care (AFLAC)</td>
<td>$4,335.26</td>
</tr>
<tr>
<td><strong>Total Cash Transfers</strong></td>
<td><strong>$281,212.13</strong></td>
</tr>
<tr>
<td><strong>Total Cash Disbursements</strong></td>
<td><strong>$3,195,527.16</strong></td>
</tr>
<tr>
<td>Category</td>
<td>Check #</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Accrued Volumetric Costs</td>
<td>EFT01317</td>
</tr>
<tr>
<td>Benefits</td>
<td>2524</td>
</tr>
<tr>
<td>Benefits</td>
<td>2526</td>
</tr>
<tr>
<td>Benefits</td>
<td>2527</td>
</tr>
<tr>
<td>Benefits</td>
<td>2529</td>
</tr>
<tr>
<td>Benefits</td>
<td>2537</td>
</tr>
<tr>
<td>Benefits</td>
<td>2551</td>
</tr>
<tr>
<td>Benefits</td>
<td>2552</td>
</tr>
<tr>
<td>Benefits</td>
<td>2563</td>
</tr>
<tr>
<td>Benefits</td>
<td>EFT01287</td>
</tr>
<tr>
<td>Benefits</td>
<td>EFT01294</td>
</tr>
<tr>
<td>Benefits</td>
<td>EFT01318</td>
</tr>
<tr>
<td>Benefits</td>
<td>P030840</td>
</tr>
<tr>
<td>Benefits</td>
<td>WDL000004109</td>
</tr>
<tr>
<td>Benefits</td>
<td>WDL000004111</td>
</tr>
<tr>
<td>Benefits</td>
<td>WDL000004134</td>
</tr>
<tr>
<td>Benefits</td>
<td>WDL000004139</td>
</tr>
<tr>
<td>Benefits</td>
<td>WDL000004141</td>
</tr>
<tr>
<td>Benefits</td>
<td>WDL000004142</td>
</tr>
<tr>
<td>Benefits Total</td>
<td></td>
</tr>
<tr>
<td>Car - Gas</td>
<td>2514</td>
</tr>
<tr>
<td>Car - Gas</td>
<td>2542</td>
</tr>
<tr>
<td>Car - Gas</td>
<td>2553</td>
</tr>
<tr>
<td>Car - Gas Total</td>
<td></td>
</tr>
<tr>
<td>Computer Hardware</td>
<td>EFT01279</td>
</tr>
<tr>
<td>Computer Hardware</td>
<td>EFT01311</td>
</tr>
<tr>
<td>Computer Hardware Total</td>
<td></td>
</tr>
<tr>
<td>Conference Expense</td>
<td>EFT01304</td>
</tr>
<tr>
<td>Conference Expense Total</td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>EFT01296</td>
</tr>
<tr>
<td>Construction</td>
<td>EFT01333</td>
</tr>
<tr>
<td>Construction Total</td>
<td></td>
</tr>
<tr>
<td>Consulting</td>
<td>2517</td>
</tr>
<tr>
<td>Consulting</td>
<td>2555</td>
</tr>
<tr>
<td>Consulting</td>
<td>2562</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01277</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01278</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01282</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01295</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01297</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01298</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01311</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01312</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01321</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01329</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01330</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01334</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01338</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01339</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01341</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01346</td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01349</td>
</tr>
<tr>
<td>Consulting Total</td>
<td></td>
</tr>
<tr>
<td>Credit Card</td>
<td>P030889</td>
</tr>
<tr>
<td>Credit Card Total</td>
<td></td>
</tr>
<tr>
<td>Debt Service</td>
<td>EFT01320</td>
</tr>
<tr>
<td>Debt Service Total</td>
<td></td>
</tr>
<tr>
<td>Director Costs</td>
<td>2519</td>
</tr>
<tr>
<td>Director Costs</td>
<td>EFT01272</td>
</tr>
<tr>
<td>Director Costs</td>
<td>EFT01273</td>
</tr>
<tr>
<td>Director Costs</td>
<td>EFT01275</td>
</tr>
<tr>
<td>Director Costs</td>
<td>EFT01280</td>
</tr>
<tr>
<td>Director Costs</td>
<td>EFT01283</td>
</tr>
<tr>
<td>Director Costs</td>
<td>EFT01284</td>
</tr>
<tr>
<td>Director Costs Total</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Check #</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01274</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01285</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01288</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01300</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01302</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01308</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01314</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01315</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01319</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01325</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01328</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01331</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01332</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01337</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01342</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01343</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01344</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01345</td>
</tr>
<tr>
<td>Employee Reimbursement</td>
<td>EFT01347</td>
</tr>
<tr>
<td>Equipment Rented</td>
<td>2518</td>
</tr>
<tr>
<td>Equipment Rented</td>
<td>2548</td>
</tr>
<tr>
<td>Equipment Rented</td>
<td>2560</td>
</tr>
<tr>
<td>Equipment Rented</td>
<td>2564</td>
</tr>
<tr>
<td>Equipment Rented</td>
<td>2565</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>2515</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>2516</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>2520</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>2532</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>2545</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>EFT01281</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>EFT01299</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>EFT01305</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>EFT01307</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>EFT01323</td>
</tr>
<tr>
<td>Facility Repair/Maintenance</td>
<td>EFT01348</td>
</tr>
<tr>
<td>Habitat Mitigation</td>
<td>EFT01316</td>
</tr>
<tr>
<td>Lab Costs</td>
<td>EFT01276</td>
</tr>
<tr>
<td>Lab Costs</td>
<td>EFT01292</td>
</tr>
<tr>
<td>Lab Costs</td>
<td>EFT01306</td>
</tr>
<tr>
<td>Lab Costs</td>
<td>EFT01324</td>
</tr>
<tr>
<td>Lab Costs</td>
<td>EFT01340</td>
</tr>
<tr>
<td>Legal Costs</td>
<td>2561</td>
</tr>
<tr>
<td>Legal Costs</td>
<td>EFT01301</td>
</tr>
<tr>
<td>Office Expense</td>
<td>2509</td>
</tr>
<tr>
<td>Office Expense</td>
<td>2530</td>
</tr>
<tr>
<td>Office Expense</td>
<td>2531</td>
</tr>
<tr>
<td>Office Expense</td>
<td>2539</td>
</tr>
<tr>
<td>Office Expense</td>
<td>2543</td>
</tr>
<tr>
<td>Office Expense</td>
<td>2550</td>
</tr>
<tr>
<td>Office Expense</td>
<td>EFT01289</td>
</tr>
<tr>
<td>Office Storage</td>
<td>EFT01326</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>2544</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>2554</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>EFT01303</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>EFT01309</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>EFT01313</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>EFT01317</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>EFT01335</td>
</tr>
<tr>
<td>Other Contract Services</td>
<td>EFT01350</td>
</tr>
<tr>
<td>Other Expense</td>
<td>2513</td>
</tr>
<tr>
<td>Other Expense</td>
<td>2535</td>
</tr>
<tr>
<td>Category</td>
<td>Check #</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Other Expense</td>
<td>2540</td>
</tr>
<tr>
<td>Other Expense</td>
<td>2546</td>
</tr>
<tr>
<td>Other Expense</td>
<td>2547</td>
</tr>
<tr>
<td>Other Expense</td>
<td>2567</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Payroll</td>
<td>2523</td>
</tr>
<tr>
<td>Payroll</td>
<td>2536</td>
</tr>
<tr>
<td>Payroll</td>
<td>2549</td>
</tr>
<tr>
<td>Payroll</td>
<td>2557</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004096</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004118</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004119</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004120</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004121</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004123</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004127</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004128</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004130</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004131</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004143</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004144</td>
</tr>
<tr>
<td>Payroll</td>
<td>WDL000004145</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Prepaid Insurance</td>
<td>2541</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Prop84</td>
<td>2533</td>
</tr>
<tr>
<td>Prop84</td>
<td>2534</td>
</tr>
<tr>
<td>Prop84</td>
<td>EFT01288</td>
</tr>
<tr>
<td>Prop84</td>
<td>EFT01290</td>
</tr>
<tr>
<td>Prop84</td>
<td>EFT01293</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety</td>
<td>EFT01291</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Consulting</td>
<td>EFT01310</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Utilities</td>
<td>2510</td>
</tr>
<tr>
<td>Utilities</td>
<td>2511</td>
</tr>
<tr>
<td>Utilities</td>
<td>2512</td>
</tr>
<tr>
<td>Utilities</td>
<td>2521</td>
</tr>
<tr>
<td>Utilities</td>
<td>2522</td>
</tr>
<tr>
<td>Utilities</td>
<td>2525</td>
</tr>
<tr>
<td>Utilities</td>
<td>2528</td>
</tr>
<tr>
<td>Utilities</td>
<td>2538</td>
</tr>
<tr>
<td>Utilities</td>
<td>2558</td>
</tr>
<tr>
<td>Utilities</td>
<td>2559</td>
</tr>
<tr>
<td>Utilities</td>
<td>2566</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Accounts Payable**

- Checks $ 2,912,745.60
- Wire Transfers $ 31,273.53
- **Total** $ 2,944,019.13

**Bank Fees**

- Take Care $ 4,335.26
- Other $ 247,172.77
- **Total Disbursements for June 2017** $ 3,195,527.16
<table>
<thead>
<tr>
<th>Check #</th>
<th>Check Date</th>
<th>Task #</th>
<th>Task Description</th>
<th>Vendor Name</th>
<th>Total Contract</th>
<th>Check Amount</th>
<th>Remaining Contract Amount</th>
<th>Notes/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFT01311</td>
<td>6/15/2017</td>
<td>ACS100-09</td>
<td>IT Support</td>
<td>Accent Computer Solutions</td>
<td>$42,000.00</td>
<td>$2,160.00</td>
<td>$25,460.25</td>
<td></td>
</tr>
<tr>
<td>EFT01223</td>
<td>6/23/2017</td>
<td>ACS100-09</td>
<td>IT Support</td>
<td>Accent Computer Solutions</td>
<td>$42,000.00</td>
<td>$4,089.50</td>
<td>$25,460.25</td>
<td></td>
</tr>
<tr>
<td>2556</td>
<td>6/23/2017</td>
<td>BMA100-01</td>
<td>GM Recruitment</td>
<td>Bob Murray &amp; Associates</td>
<td>$24,900.00</td>
<td>$4,027.42</td>
<td>$20,872.58</td>
<td></td>
</tr>
<tr>
<td>EFT01277</td>
<td>6/1/2017</td>
<td>CDM384-14</td>
<td>2016 Triennial Report for MSAR TMDL</td>
<td>CDM Smith, Inc.</td>
<td>$58,820.00</td>
<td>$8,760.00</td>
<td>$1,110.00</td>
<td></td>
</tr>
<tr>
<td>EFT01267</td>
<td>6/1/2017</td>
<td>CDM384-15</td>
<td>CBRP Implementation Support</td>
<td>CDM Smith Inc.</td>
<td>$12,315.00</td>
<td>$2,032.00</td>
<td>$7,100.36</td>
<td></td>
</tr>
<tr>
<td>EFT01277</td>
<td>6/1/2017</td>
<td>CDM386-11</td>
<td>SAR Bacteria Monitoring Program</td>
<td>CDM Smith Inc.</td>
<td>$342,635.00</td>
<td>$17,086.00</td>
<td>$2,323.92</td>
<td></td>
</tr>
<tr>
<td>EFT01277</td>
<td>6/1/2017</td>
<td>CDM374-01</td>
<td>Triennial Ambient Water Quality Update Precomputation</td>
<td>CDM Smith Inc.</td>
<td>$369,160.00</td>
<td>$34,976.13</td>
<td>$127,105.82</td>
<td></td>
</tr>
<tr>
<td>EFT01341</td>
<td>6/29/2017</td>
<td>CDM374-01</td>
<td>Triennial Ambient Water Quality Update Precomputation</td>
<td>CDM Smith, Inc.</td>
<td>$369,160.00</td>
<td>$59,149.25</td>
<td>$127,105.82</td>
<td></td>
</tr>
<tr>
<td>EFT01341</td>
<td>6/29/2017</td>
<td>CDM386-11</td>
<td>SAR Bacteria Monitoring Program</td>
<td>CDM Smith Inc.</td>
<td>$342,635.00</td>
<td>$11,582.50</td>
<td>$4,232.92</td>
<td></td>
</tr>
<tr>
<td>EFT01330</td>
<td>6/23/2017</td>
<td>CVS504-301-01</td>
<td>FAQ on Conservation Based Rates</td>
<td>CV Strategies</td>
<td>$25,000.00</td>
<td>$5,010.06</td>
<td>$8,840.00</td>
<td></td>
</tr>
<tr>
<td>EFT01334</td>
<td>6/23/2017</td>
<td>DEGR392-02</td>
<td>Social Media Support - EC TF</td>
<td>DelGrave Communications</td>
<td>$30,000.00</td>
<td>$1,549.67</td>
<td>$1.24</td>
<td></td>
</tr>
<tr>
<td>EFT01282</td>
<td>6/1/2017</td>
<td>GEO374-01</td>
<td>SAR WLA Model Update</td>
<td>GeoScience Support Services</td>
<td>$249,800.00</td>
<td>$37,628.75</td>
<td>$144,683.75</td>
<td></td>
</tr>
<tr>
<td>EFT01349</td>
<td>6/29/2017</td>
<td>GEO374-01</td>
<td>SAR WLA Model Update</td>
<td>GeoScience Support Services</td>
<td>$249,800.00</td>
<td>$16,947.50</td>
<td>$144,683.75</td>
<td></td>
</tr>
<tr>
<td>EFT01346</td>
<td>6/29/2017</td>
<td>HAMM326-01</td>
<td>Strategic Communication Services</td>
<td>Hammons Strategies</td>
<td>$68,000.00</td>
<td>$3,750.00</td>
<td>$11,750.00</td>
<td></td>
</tr>
<tr>
<td>EFT01278</td>
<td>6/1/2017</td>
<td>INSOL100-09</td>
<td>GP Software Annual Technical Support</td>
<td>Integrated Systems Solutions</td>
<td>$3,000.00</td>
<td>$33.00</td>
<td>$238.50</td>
<td></td>
</tr>
<tr>
<td>EFT01295</td>
<td>6/9/2017</td>
<td>INSOL100-09</td>
<td>GP Software Annual Technical Support</td>
<td>Integrated Systems Solutions</td>
<td>$3,000.00</td>
<td>$33.00</td>
<td>$238.50</td>
<td></td>
</tr>
<tr>
<td>2517</td>
<td>6/1/2017</td>
<td>WO2017-33</td>
<td>IE Brine Line Reach V Rehab Task 4 - Tribal Monitoring</td>
<td>Pechanga Band of Luiseno Indians</td>
<td>$7,200.00</td>
<td>$2,239.70</td>
<td>$1,813.82</td>
<td></td>
</tr>
<tr>
<td>2562</td>
<td>6/29/2017</td>
<td>WO2017-33</td>
<td>IE Brine Line Reach V Rehab Task 4 - Tribal Monitoring</td>
<td>Pechanga Band of Luiseno Indians</td>
<td>$7,200.00</td>
<td>$674.20</td>
<td>$1,813.82</td>
<td></td>
</tr>
<tr>
<td>EFT01321</td>
<td>6/23/2017</td>
<td>RISK384-08</td>
<td>MSAR TMDL Task Force</td>
<td>Risk Sciences</td>
<td>$87,300.00</td>
<td>$8,666.95</td>
<td>$56,574.38</td>
<td></td>
</tr>
<tr>
<td>EFT01338</td>
<td>6/29/2017</td>
<td>RISK374-06</td>
<td>Basin Monitoring Task Force</td>
<td>Risk Sciences</td>
<td>$73,000.00</td>
<td>$4,886.95</td>
<td>$12,455.43</td>
<td></td>
</tr>
<tr>
<td>EFT01312</td>
<td>6/15/2017</td>
<td>RMC504-401-01</td>
<td>SARCCUP Program Mgmt Services</td>
<td>RMC Water and Environment</td>
<td>$310,429.00</td>
<td>$26,118.00</td>
<td>$37,001.97</td>
<td></td>
</tr>
<tr>
<td>2555</td>
<td>6/23/2017</td>
<td>SCH381-01</td>
<td>Santa Ana Sucker Protection and Beneficial Use</td>
<td>Scheevel Engineering</td>
<td>$96,725.00</td>
<td>$10,812.50</td>
<td>$69,489.75</td>
<td></td>
</tr>
<tr>
<td>Check #</td>
<td>Check Date</td>
<td>Task #</td>
<td>Task Description</td>
<td>Vendor Name</td>
<td>Total Contract</td>
<td>Check Amount</td>
<td>Remaining Contract Amount</td>
<td>Notes/Comments</td>
</tr>
<tr>
<td>---------</td>
<td>------------</td>
<td>------------</td>
<td>-------------------------------------------------------</td>
<td>--------------------------</td>
<td>----------------</td>
<td>--------------</td>
<td>--------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>EFT01297</td>
<td>6/9/2017</td>
<td>TRU240-19</td>
<td>Water Quality Monitoring Investigation</td>
<td>Trussell Technologies</td>
<td>$34,638.00</td>
<td>$3,737.50</td>
<td>$5,092.00</td>
<td></td>
</tr>
<tr>
<td>EFT01298</td>
<td>6/9/2017</td>
<td>VALI326-04</td>
<td>Reach V Rehabilitation - Phase I, Tasks 3 &amp; 4</td>
<td>Vali Cooper &amp; Associates</td>
<td>$1,252,400.00</td>
<td>$68,282.50</td>
<td>$929,164.05</td>
<td></td>
</tr>
<tr>
<td>EFT01339</td>
<td>6/29/2017</td>
<td>WCA100-03-02</td>
<td>State Legislative Consulting Services FY16-18</td>
<td>West Coast Advisors</td>
<td>$345,000.00</td>
<td>$13,500.00</td>
<td>$158,000.00</td>
<td></td>
</tr>
</tbody>
</table>

$347,733.74
COMMISSION MEMORANDUM NO. 2017.102

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Inter-Fund Borrowing – June 2017

PREPARED BY: Karen Williams, Chief Financial Officer

RECOMMENDATION
It is recommended that the Commission receive and file the informational report on short-term, cash-flow inter-fund borrowing.

DISCUSSION
On December 13, 2005, the Commission approved Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. Staff was directed to bring back an accounting of the loans each month for review when the total exceeded $250,000 in aggregate.

The following projects, with negative cash flow, are listed below with the amounts borrowed from SAWPA General Fund Reserves in June 2017. The total amount borrowed is over the aggregate $250,000 amount recommended in Resolution No. 452, Inter-Fund and Inter-Project Loan Policy. The Commission has requested that this item be brought back each month as an informational item when the loan amount is over the $250,000 aggregate amount.

<table>
<thead>
<tr>
<th>Fund</th>
<th>Fund Name</th>
<th>05/31/17 Balance</th>
<th>Loan Receipts</th>
<th>New Charges</th>
<th>06/30/17 Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>Proposition 84 Admin</td>
<td>$64,916.45</td>
<td>($20,548.97)</td>
<td>$30,619.56</td>
<td>$74,987.04</td>
</tr>
<tr>
<td>135</td>
<td>Proposition 84 Admin R2</td>
<td>99,733.89</td>
<td>(34,777.21)</td>
<td>2,569.64</td>
<td>67,526.32</td>
</tr>
<tr>
<td>140</td>
<td>Proposition 84 Admin R3</td>
<td>67,731.66</td>
<td>(16,689.68)</td>
<td>14,706.57</td>
<td>65,748.55</td>
</tr>
<tr>
<td>145</td>
<td>Proposition 84 Admin R4</td>
<td>337,436.38</td>
<td>(0.00)</td>
<td>13,414.05</td>
<td>350,850.43</td>
</tr>
<tr>
<td>398</td>
<td>Proposition 1 – DACI Grant</td>
<td>84,539.44</td>
<td>(0.00)</td>
<td>20,686.36</td>
<td>105,207.80</td>
</tr>
<tr>
<td>477</td>
<td>LESJWA Administration</td>
<td>11,937.76</td>
<td>(13,299.70)</td>
<td>10,606.17</td>
<td>9,244.23</td>
</tr>
<tr>
<td>504</td>
<td>Prop 84 – Round I, II Capital</td>
<td>125,478.37</td>
<td>(0.00)</td>
<td>125,478.37</td>
<td>0.00</td>
</tr>
<tr>
<td>504</td>
<td>Prop 84 – Drought Projects</td>
<td>91,090.17</td>
<td>(88,348.35)</td>
<td>5,228.86</td>
<td>7,970.68</td>
</tr>
<tr>
<td>504</td>
<td>Prop 84 – SARCCUP Projects</td>
<td>144,892.67</td>
<td>(0.00)</td>
<td>29,615.82</td>
<td>174,508.49</td>
</tr>
</tbody>
</table>

Total Funds Borrowed $776,800.05 ($173,663.91) $252,907.40 $856,043.54

General Fund Reserves Balance $3,263,213.89
Less Amount Borrowed 856,043.54
Balance of General Fund Reserves $2,407,170.35

The following table lists each fund that has a negative cash flow, the source of funding for the fund, how often the fund is billed, and the projected rate of payment for the fund.
### NEGATIVE CASH-FLOW FUNDS

<table>
<thead>
<tr>
<th>Fund No.</th>
<th>Source of Funding</th>
<th>Billing Frequency</th>
<th>Projected Payment Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>130,135,140, 145 – Proposition 84 Admin</td>
<td>DWR – Prop 84 Grant</td>
<td>Monthly/Quarterly</td>
<td>Up to 4 months</td>
</tr>
<tr>
<td>398 – Proposition 1 – DACI Grant</td>
<td>DWR – Prop 1 Grant</td>
<td>Monthly</td>
<td>Up to 4 months</td>
</tr>
<tr>
<td>477 – LESJWA Admin</td>
<td>Reimbursement from LESJWA</td>
<td>Monthly</td>
<td>2 to 4 weeks</td>
</tr>
<tr>
<td>504 - Proposition 84 Drought Projects</td>
<td>DWR – Prop 84 Grant</td>
<td>Monthly</td>
<td>Up to 4 months</td>
</tr>
<tr>
<td>504 – Proposition 84 SARCCUP Projects</td>
<td>DWR – Prop 84 Grant</td>
<td>Monthly/Quarterly</td>
<td>Up to 4 month</td>
</tr>
</tbody>
</table>

**Fund 130**
The outstanding balance of the funds due from DWR is the mandatory 10% retention from each invoice billed. Retention funds will not be released until the Proposition 84 Round I contract is completed in 2017.

**Fund 135**
This fund is for the administration of Proposition 84 Round II grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

**Fund 140**
This fund is for the administration of Proposition 84 Drought Round grant funds. These funds will be billed monthly and 10% will be withheld for retention.

**Fund 145**
This fund is for the administration of Proposition 84 Round 2015 grant funds. These funds will be billed quarterly and 10% will be withheld for retention.

**Fund 398**
This fund is for the Proposition 1 DACI grant project. These funds will be billed monthly once the contracts with DWR have been signed.

**Fund 477**
Each month LESJWA is billed the cost for administering the JPA. Once the bill is received, LESJWA submits payment within two weeks.

**Fund 504**
This fund is for the implementation of drought related projects and SARCCUP projects which are administered through PA-22 and PA23.

The following graph shows projected inter-fund loan balances, total unrestricted General Fund Reserves available for loans, and projected cash net of loans through June 2017. The projected loan balance is expected to remain over the $250,000 aggregate limit through June 2017 because of Proposition 84 Grants, but can be covered by General Fund Reserves without a major impact on cash flow.
RESOURCE IMPACTS
The funds borrowed from the General Fund Reserves will be paid back with interest when the funding is received. Interfund loans for grants are not charged interest unless the grant contracts specifically states interest is eligible for reimbursement. There is sufficient cash available to cover proposed borrowings and to pay budgeted expenditures for the General Fund.
COMMISSION MEMORANDUM NO. 2017.103

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Performance Indicators and Financial Reporting – June 2017

PREPARED BY: Karen Williams, Chief Financial Officer

RECOMMENDATION
It is recommended that the Commission receive and file staff’s report.

DISCUSSION
The attached reports have been developed to keep the Commission informed as to SAWPA’s business and budget performance. These reports are categorized into the following groups: financial reporting, cash and investments, and performance indicators. They are explained in detail below. As new reports are developed, they will be added for the Commission’s review.

**Financial Reporting**

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance Sheet by Fund Type</td>
<td>Lists total assets, liabilities, and equity by fund type for a given period.</td>
</tr>
<tr>
<td>Revenue &amp; Expense by Fund Type</td>
<td>Lists total revenue and expenses by fund type for a given period.</td>
</tr>
<tr>
<td>Receivables Management</td>
<td>Shows total outstanding accounts receivable by age.</td>
</tr>
<tr>
<td>Open Task Order Schedule</td>
<td>Shows SAWPA’s total outstanding obligation for open task orders.</td>
</tr>
<tr>
<td>List of SAWPA Funds</td>
<td>Shows each SAWPA Fund with the fund description and fund group.</td>
</tr>
<tr>
<td>Debt Service Funding Analysis</td>
<td>Shows total annual income by source used to make debt service payments through debt maturity at FYE 2048.</td>
</tr>
<tr>
<td>Debt Service Payment Schedule</td>
<td>Shows total debt service interest and principal payments through debt maturity at FYE 2048.</td>
</tr>
</tbody>
</table>

**Cash and Investments**

<table>
<thead>
<tr>
<th>Report</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Cash and Investments (chart)</td>
<td>Shows the changes in cash and investments balance for the last twelve months.</td>
</tr>
<tr>
<td>Cash Balance &amp; Source of Funds</td>
<td>Shows total cash and investments for all SAWPA funds and the types of investments held for each fund.</td>
</tr>
<tr>
<td>Cash &amp; Investments (pie chart)</td>
<td>Shows total cash and investments for all SAWPA funds and the percentage of each investment type.</td>
</tr>
<tr>
<td>Reserve Account Analysis</td>
<td>Shows changes to each reserve account for the year and projected ending balance for each.</td>
</tr>
<tr>
<td>Twelve Month Security Schedule (chart)</td>
<td>Shows the maturity dates for securities held and percentage of securities in each category.</td>
</tr>
</tbody>
</table>
Treasurer’s Report

Shows book and market value for both Treasury strips and securities held by the Agency.

**Performance Indicators**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Daily Flow by Month</td>
<td>Shows total flow in the Brine Line System by month compared to total treatment capacity owned. As we add yearly flows, it will show trends in flow throughout the year.</td>
</tr>
<tr>
<td>Summary of Labor Multipliers</td>
<td>Summarizes the information generated from the following two reports and compares the actual benefit and Indirect Cost Allocation rates to the total budgeted rates.</td>
</tr>
<tr>
<td>General Fund Costs</td>
<td>Lists total Fund No. 100 costs to date and the amount of those costs recovered through the Indirect Cost Allocation and member contributions.</td>
</tr>
<tr>
<td>Benefit Summary</td>
<td>Lists total employee benefit costs actual to budget and projects them through the end of the year. This report compares how the actual benefit rate compares to the budgeted rate.</td>
</tr>
<tr>
<td>Labor Hours Budget vs. Actual</td>
<td>Shows total budgeted hours for each project and compares them to the actual hours charged to each.</td>
</tr>
</tbody>
</table>

**RESOURCE IMPACTS**

Staff expects minimal impacts to SAWPA or its member agencies related to this effort.

Attachments:
1. Balance Sheet by Fund Type
2. Revenue & Expense by Fund Type
3. Accounts Receivable Aging Report
4. Open Task Order Schedule
5. List of SAWPA Funds
6. Debt Service Funding Analysis
7. Debt Service Payment Schedule
8. Total Cash and Investments (chart)
9. Cash Balance & Source of Funds
10. Reserve Account Analysis
11. Twelve-Month Maturity Schedule - Securities
12. Treasurer’s Report
13. Average Daily Flow by Month
14. Summary of Labor Multipliers
15. General Fund Costs
16. Benefits
17. Labor Hours Budgeted vs. Actual
## Capital Projects

<table>
<thead>
<tr>
<th>Grants/Contracts</th>
<th>Planning</th>
<th>Collaborative Projects</th>
<th>SAWPA General</th>
<th>Brine Line Enterprise</th>
<th>Fund Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>$6,449,287.47</td>
<td>($161,317.54)</td>
<td>$172,798.93</td>
<td>$2,095,930.26</td>
<td>$4,135,401.20</td>
<td>$52,327,686.15</td>
</tr>
<tr>
<td>$5,671,820.46</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>$87,888.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>$3,824,743.86</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>$491,524.86</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td>($6,449,287.47)</td>
<td>5,510,502.92</td>
<td>172,798.93</td>
<td>2,183,818.26</td>
<td>4,673,222.77</td>
</tr>
</tbody>
</table>

## Fixed Assets

### Property, Plant & Equipment

<table>
<thead>
<tr>
<th>less accum depreciation</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work In Process</td>
<td>17,917,662.16</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total fixed assets</strong></td>
<td>17,917,662.16</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>1,150,006.30</td>
<td>63,738,343.62</td>
<td>64,888,349.92</td>
<td></td>
</tr>
</tbody>
</table>

## Other Assets

### Wastewater treatment/disposal rights, net of amortization

<table>
<thead>
<tr>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>29,051,576.96</th>
<th>29,051,576.96</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inventory - Mitigation Credits</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>1,910,560.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total Other Assets</strong></td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>1,910,560.00</td>
<td>0.00</td>
<td>29,051,576.96</td>
</tr>
</tbody>
</table>

## Total Assets

| $11,468,374.69 | $5,510,502.92 | $172,798.93 | $4,094,378.26 | $5,823,229.07 | $151,192,174.98 | $178,261,458.85 |

## Liabilities and Fund Equity

### Current Liabilities

<table>
<thead>
<tr>
<th>Accounts Payable/Accrued Expenses</th>
<th>$1,442,857.63</th>
<th>$4,836,376.76</th>
<th>$2,950.10</th>
<th>$226,368.76</th>
<th>$714,891.44</th>
<th>$1,500,159.29</th>
<th>$8,723,603.98</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accrued Interest Payable</td>
<td>16,001.68</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>313,728.28</td>
<td>329,729.96</td>
</tr>
</tbody>
</table>

### Noncurrent Liabilities

<table>
<thead>
<tr>
<th>Long-term Debt</th>
<th>3,993,073.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>19,389,683.02</th>
<th>25,630,257.02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deferred Revenue</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>75,229,441.50</td>
<td>75,229,441.50</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>5,451,932.31</td>
<td>4,836,376.76</td>
<td>2,950.10</td>
<td>226,368.76</td>
<td>2,962,392.44</td>
<td>96,433,012.09</td>
<td>109,913,032.46</td>
</tr>
</tbody>
</table>

## Fund Equity

<table>
<thead>
<tr>
<th>Contributed Capital</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>0.00</th>
<th>20,920,507.03</th>
<th>20,920,507.03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retained Earnings</td>
<td>6,063,498.44</td>
<td>343,590.42</td>
<td>196,942.89</td>
<td>3,936,709.81</td>
<td>2,112,501.49</td>
<td>33,593,996.49</td>
<td>46,247,239.54</td>
</tr>
<tr>
<td>Revenue Over/Under Expenditures</td>
<td>(47,056.06)</td>
<td>330,535.74</td>
<td>(27,094.06)</td>
<td>(68,700.31)</td>
<td>748,335.14</td>
<td>244,659.37</td>
<td>1,180,679.82</td>
</tr>
<tr>
<td><strong>Total Fund Equity</strong></td>
<td>6,018,442.38</td>
<td>674,126.16</td>
<td>169,848.83</td>
<td>3,868,059.50</td>
<td>2,860,836.63</td>
<td>54,759,162.89</td>
<td>68,348,426.39</td>
</tr>
</tbody>
</table>

## Total Liabilities & Fund Equity

| $11,468,374.69 | $5,510,502.92 | $172,798.93 | $4,094,378.26 | $5,823,229.07 | $151,192,174.98 | $178,261,458.85 |
## Santa Ana Watershed Project Authority
### Revenue & Expenses by Fund Type
**For the Eleven Months Ending Wednesday, May 31, 2017**

<table>
<thead>
<tr>
<th>Fund Type</th>
<th>Capital Projects</th>
<th>Grants/Contracts</th>
<th>Planning</th>
<th>Collaborative Projects</th>
<th>SAWPA General</th>
<th>Brine Line Enterprise</th>
<th>Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Revenue</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discharge Fees</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>10,259,843.58</td>
<td>10,259,843.58</td>
</tr>
<tr>
<td>Grant Proceeds</td>
<td>0.00</td>
<td>7,483,211.70</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>7,483,211.70</td>
</tr>
<tr>
<td>Financing Proceeds</td>
<td>0.00</td>
<td>182,611.85</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>182,611.85</td>
</tr>
<tr>
<td>Total Operating Revenue</td>
<td>0.00</td>
<td>7,665,823.55</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>10,259,843.58</td>
<td>17,925,667.13</td>
</tr>
<tr>
<td><strong>Operating Expenses</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labor</td>
<td>161.20</td>
<td>339,497.15</td>
<td>224,458.84</td>
<td>60,494.09</td>
<td>1,456,445.95</td>
<td>789,965.10</td>
<td>2,871,022.33</td>
</tr>
<tr>
<td>Benefits</td>
<td>69.96</td>
<td>147,341.77</td>
<td>97,415.09</td>
<td>26,254.48</td>
<td>474,379.78</td>
<td>342,844.89</td>
<td>1,088,305.97</td>
</tr>
<tr>
<td>Indirect Costs</td>
<td>254.53</td>
<td>536,066.01</td>
<td>354,420.50</td>
<td>95,520.19</td>
<td>(1,778.70)</td>
<td>1,247,354.93</td>
<td>2,231,837.46</td>
</tr>
<tr>
<td>Education &amp; Training</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>10,974.33</td>
<td>647.00</td>
</tr>
<tr>
<td>Consulting &amp; Professional Services</td>
<td>46,570.37</td>
<td>767,466.57</td>
<td>0.00</td>
<td>733,022.21</td>
<td>179,065.25</td>
<td>78,634.44</td>
<td>1,804,758.84</td>
</tr>
<tr>
<td>Operating Costs</td>
<td>0.00</td>
<td>1,684.80</td>
<td>0.00</td>
<td>0.00</td>
<td>56,380.63</td>
<td>201,182.55</td>
<td>257,563.18</td>
</tr>
<tr>
<td>Repair &amp; Maintenance</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>49,556.07</td>
<td>6,153.12</td>
<td>55,709.19</td>
</tr>
<tr>
<td>Phone &amp; Utilities</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>143,123.81</td>
<td>17,172.22</td>
<td>160,296.03</td>
</tr>
<tr>
<td>Equipment &amp; Computers</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>130,689.77</td>
<td>161,425.50</td>
</tr>
<tr>
<td>Meeting &amp; Travel</td>
<td>0.00</td>
<td>9,658.42</td>
<td>10,326.71</td>
<td>476.12</td>
<td>14,971.76</td>
<td>1,166.27</td>
<td>35,599.28</td>
</tr>
<tr>
<td>Other Administrative Costs</td>
<td>0.00</td>
<td>11,817.66</td>
<td>13,741.17</td>
<td>0.00</td>
<td>87,679.13</td>
<td>25,559.15</td>
<td>138,797.11</td>
</tr>
<tr>
<td>Benefits Applied</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>11,635.14</td>
<td>11,635.14</td>
</tr>
<tr>
<td>Indirect Costs Applied</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>(2,552,304.99)</td>
<td>0.00</td>
<td>(2,552,304.99)</td>
<td>(2,552,304.99)</td>
</tr>
<tr>
<td>Other Expenses</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>30,735.73</td>
<td>130,689.77</td>
<td>161,425.50</td>
</tr>
<tr>
<td>Construction</td>
<td>0.00</td>
<td>6,300,685.10</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>6,300,685.10</td>
<td>6,300,685.10</td>
</tr>
<tr>
<td>Total Operating Expenses</td>
<td>47,056.06</td>
<td>8,114,217.48</td>
<td>700,362.31</td>
<td>915,767.09</td>
<td>(36,473.38)</td>
<td>5,597,536.75</td>
<td>15,338,466.31</td>
</tr>
<tr>
<td>Operating Income (Loss)</td>
<td>(47,056.06)</td>
<td>(448,393.93)</td>
<td>(700,362.31)</td>
<td>(915,767.09)</td>
<td>36,473.38</td>
<td>4,662,306.83</td>
<td>2,587,200.82</td>
</tr>
<tr>
<td><strong>Nonoperating Income (Expense)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Member Contributions</td>
<td>0.00</td>
<td>165,215.00</td>
<td>670,000.00</td>
<td>161,104.00</td>
<td>699,305.00</td>
<td>0.00</td>
<td>1,695,624.00</td>
</tr>
<tr>
<td>Other Agency Contributions</td>
<td>0.00</td>
<td>612,000.00</td>
<td>0.00</td>
<td>671,386.00</td>
<td>0.00</td>
<td>0.00</td>
<td>1,283,386.00</td>
</tr>
<tr>
<td>Interest Income</td>
<td>0.00</td>
<td>1,714.67</td>
<td>3,268.25</td>
<td>14,576.78</td>
<td>19,923.58</td>
<td>312,688.54</td>
<td>352,171.82</td>
</tr>
<tr>
<td>Interest Expense - Debt Service</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>(597,413.71)</td>
<td>(597,413.71)</td>
</tr>
<tr>
<td>Other Income</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>2,597.34</td>
<td>33.38</td>
<td>2,630.72</td>
</tr>
<tr>
<td>Use of Reserves</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>(115,816.10)</td>
<td>0.00</td>
<td>(115,816.10)</td>
</tr>
<tr>
<td>Total Nonoperating Income (Expense)</td>
<td>0.00</td>
<td>778,929.67</td>
<td>673,268.25</td>
<td>847,066.78</td>
<td>606,009.82</td>
<td>(284,691.79)</td>
<td>2,620,582.73</td>
</tr>
<tr>
<td>Excess Rev over (under) Exp</td>
<td>($47,056.06)</td>
<td>$330,535.74</td>
<td>($27,094.06)</td>
<td>($68,700.31)</td>
<td>$642,483.20</td>
<td>$4,377,615.04</td>
<td>$5,207,783.55</td>
</tr>
</tbody>
</table>
### Aging Report
Santa Ana Watershed Project Authority
Receivables as of June 30, 2017

<table>
<thead>
<tr>
<th>Customer Name</th>
<th>Project</th>
<th>Total</th>
<th>Current</th>
<th>0-30 Days</th>
<th>31-60 Days</th>
<th>61 and Over</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Basin Desalter Authority</td>
<td>Brine Line</td>
<td>309,290.61</td>
<td></td>
<td>168,713.43</td>
<td>140,577.18</td>
<td></td>
</tr>
<tr>
<td>Department of Water Resources</td>
<td>Prop 84, WECAN</td>
<td>5,693,904.68</td>
<td></td>
<td>367,796.45</td>
<td>171,259.68</td>
<td>5,154,848.55</td>
</tr>
<tr>
<td>Eastern Municipal Water District</td>
<td>Brine Line</td>
<td>299,937.89</td>
<td></td>
<td>153,775.56</td>
<td>146,162.33</td>
<td></td>
</tr>
<tr>
<td>Eventbrite, Inc.</td>
<td>Proceeds from C Cantu Retirement</td>
<td>3,047.60</td>
<td></td>
<td>3,047.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inland Empire Utilities Agency</td>
<td>Brine Line</td>
<td>296,918.51</td>
<td></td>
<td>151,496.65</td>
<td>145,421.86</td>
<td></td>
</tr>
<tr>
<td>Lake Elsinore &amp; San Jacinto Watersheds Authority</td>
<td>LESJ WA Administration</td>
<td>10,606.17</td>
<td></td>
<td>10,606.17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange County Water District</td>
<td>Member Agency Contributions</td>
<td>77,215.90</td>
<td></td>
<td>172.90</td>
<td></td>
<td>77,043.00</td>
</tr>
<tr>
<td>San Bernardino Valley Municipal Water District</td>
<td>Brine Line, Basin Monitoring</td>
<td>176,247.61</td>
<td></td>
<td>88,728.50</td>
<td>87,519.11</td>
<td></td>
</tr>
<tr>
<td>Western Municipal Water District</td>
<td>Brine Line, SARCCUP Cost Share</td>
<td>810,731.03</td>
<td></td>
<td>424,145.47</td>
<td>386,585.56</td>
<td></td>
</tr>
<tr>
<td><strong>Total Accounts Receivable</strong></td>
<td></td>
<td>7,677,900.00</td>
<td></td>
<td>1,368,482.73</td>
<td>1,077,525.72</td>
<td>5,231,891.55</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Task Order No.</th>
<th>Fund No.</th>
<th>Project Contracts</th>
<th>Vendor Name</th>
<th>Task Description</th>
<th>Begin Date</th>
<th>End Date</th>
<th>Original Contract</th>
<th>Change Orders</th>
<th>Total Contract</th>
<th>Billed To Date</th>
<th>Contract Balance</th>
<th>SAWPA Manager</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS100-09</td>
<td>100-00</td>
<td>Accent Computer Solutions</td>
<td>IT Support</td>
<td>04/11/2017</td>
<td>03/30/2018</td>
<td>$42,000.00</td>
<td>-</td>
<td>$42,000.00</td>
<td>$16,539.75</td>
<td>25,460.25</td>
<td>Dean Unger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACS100-10</td>
<td>100-00</td>
<td>Accent Computer Solutions</td>
<td>Office 365 Migration</td>
<td>05/01/2017</td>
<td>06/30/2018</td>
<td>$17,500.00</td>
<td>-</td>
<td>$17,500.00</td>
<td>$5,294.00</td>
<td>12,206.00</td>
<td>Dean Unger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BART100-02</td>
<td>100-00</td>
<td>Bartel &amp; Associates</td>
<td>GASB 68 Actuarial Info.</td>
<td>04/06/2017</td>
<td>12/31/2017</td>
<td>$1,200.00</td>
<td>-</td>
<td>$1,200.00</td>
<td>-</td>
<td>1,200.00</td>
<td>Karen Williams</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMA100-01</td>
<td>100-00</td>
<td>Bob Murray &amp; Associates</td>
<td>GM Recruitment</td>
<td>05/02/2017</td>
<td>12/31/2017</td>
<td>$24,900.00</td>
<td>-</td>
<td>$24,900.00</td>
<td>11,150.63</td>
<td>13,749.37</td>
<td>Kelly Berry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INSL100-09</td>
<td>100-00</td>
<td>Integrated Systems Solutions</td>
<td>GP Software Annual Technical Support</td>
<td>08/15/2016</td>
<td>06/30/2017</td>
<td>$3,000.00</td>
<td>$3,000.00</td>
<td>$3,000.00</td>
<td>-</td>
<td>25,460.25</td>
<td>16,539.75</td>
<td>Karen Williams</td>
<td></td>
</tr>
<tr>
<td>TTD100-02</td>
<td>100-00</td>
<td>The Technology Depot</td>
<td>Phone System Support</td>
<td>09/06/2016</td>
<td>06/30/2017</td>
<td>$4,000.00</td>
<td>-</td>
<td>$4,000.00</td>
<td>1,530.00</td>
<td>2,470.00</td>
<td>Dean Unger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WME100-05</td>
<td>100-00</td>
<td>White Nelson Diehl Evans LLC</td>
<td>FYE 2017 Audit</td>
<td>05/08/2017</td>
<td>06/30/2018</td>
<td>$26,370.00</td>
<td>-</td>
<td>$26,370.00</td>
<td>$4,100.00</td>
<td>22,270.00</td>
<td>Karen Williams</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WCA100-03-02</td>
<td>100-03</td>
<td>West Coast Advisors</td>
<td>State Legislative Consulting FY16-18</td>
<td>11/24/2015</td>
<td>12/31/2018</td>
<td>$345,000.00</td>
<td>-</td>
<td>$345,000.00</td>
<td>187,000.00</td>
<td>158,000.00</td>
<td>Celeste Cantrú</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WO2017-23</td>
<td>240</td>
<td>Camer Research</td>
<td>SO-1 Special Water Quality Analysis</td>
<td>08/29/2016</td>
<td>06/30/2017</td>
<td>$4,500.00</td>
<td>-</td>
<td>$4,500.00</td>
<td>4,500.00</td>
<td>4,500.00</td>
<td>-</td>
<td>Carlos Quintero</td>
<td></td>
</tr>
<tr>
<td>DOUG240-01</td>
<td>240</td>
<td>Douglas Environmental Group</td>
<td>Meter Calibration</td>
<td>06/29/2015</td>
<td>06/30/2017</td>
<td>$34,330.00</td>
<td>-</td>
<td>$34,330.00</td>
<td>24,375.00</td>
<td>9,955.00</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>WO2017-02</td>
<td>240</td>
<td>E S Babcock</td>
<td>Brine Line Sample Collection &amp; Analysis</td>
<td>07/12/2016</td>
<td>06/30/2017</td>
<td>$87,000.00</td>
<td>-</td>
<td>$87,000.00</td>
<td>53,758.00</td>
<td>33,242.00</td>
<td>Carlos Quintero</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZ240-06</td>
<td>240</td>
<td>Haz Mat Trans Inc</td>
<td>On Call Debris Hauling and Disposal</td>
<td>06/29/2015</td>
<td>06/30/2017</td>
<td>$35,040.00</td>
<td>-</td>
<td>$35,040.00</td>
<td>33,542.06</td>
<td>1,497.94</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>HAZ240-07</td>
<td>240</td>
<td>Haz Mat Trans Inc</td>
<td>On Call Draining &amp; Emergency Clean Up</td>
<td>06/29/2015</td>
<td>06/30/2017</td>
<td>$98,215.00</td>
<td>-</td>
<td>$98,215.00</td>
<td>93,160.00</td>
<td>5,055.00</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>HOU240-01</td>
<td>240</td>
<td>Houston Harris PCS Inc</td>
<td>On Call Pipeline Inspection Services</td>
<td>06/18/2015</td>
<td>06/30/2017</td>
<td>$48,083.00</td>
<td>-</td>
<td>$48,083.00</td>
<td>22,094.85</td>
<td>25,989.15</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>HOU240-02</td>
<td>240</td>
<td>Houston Harris PCS Inc</td>
<td>Brine Line On Call Pipeline Cleaning</td>
<td>06/16/2015</td>
<td>06/30/2017</td>
<td>$318,120.00</td>
<td>225,000.00</td>
<td>$543,120.00</td>
<td>273,992.50</td>
<td>269,127.50</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>WO2017-09</td>
<td>240</td>
<td>IEUA</td>
<td>Reach IV-A Upper Support</td>
<td>07/01/2016</td>
<td>06/30/2017</td>
<td>$10,000.00</td>
<td>-</td>
<td>$10,000.00</td>
<td>-</td>
<td>10,000.00</td>
<td>Carlos Quintero</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INN240-02</td>
<td>240</td>
<td>Innerline Engineering Inc</td>
<td>Brine Line On-Call Line Cleaning</td>
<td>06/29/2015</td>
<td>06/30/2017</td>
<td>$46,900.00</td>
<td>50,000.00</td>
<td>$96,900.00</td>
<td>59,191.34</td>
<td>37,708.66</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>NATU240-02</td>
<td>240</td>
<td>Natures Image Inc</td>
<td>ROW Maintenance</td>
<td>07/01/2015</td>
<td>06/30/2017</td>
<td>$17,496.00</td>
<td>-</td>
<td>$17,496.00</td>
<td>11,096.14</td>
<td>6,399.86</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>PRI240-01</td>
<td>240</td>
<td>PRIMETECH Construction</td>
<td>On Call Potholing</td>
<td>06/29/2015</td>
<td>06/30/2017</td>
<td>$34,400.00</td>
<td>-</td>
<td>$34,400.00</td>
<td>-</td>
<td>34,400.00</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>SAWA233-01</td>
<td>240</td>
<td>SAWA</td>
<td>Habitat Mitigation in Prado Basin</td>
<td>01/29/2010</td>
<td>08/31/2017</td>
<td>$245,000.00</td>
<td>-</td>
<td>$245,000.00</td>
<td>226,951.46</td>
<td>18,048.54</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>TKE240-02</td>
<td>240</td>
<td>TKE Engineering &amp; Planning</td>
<td>Brine Line On-Call Land Surveying</td>
<td>06/26/2015</td>
<td>06/30/2017</td>
<td>$30,300.00</td>
<td>-</td>
<td>$30,300.00</td>
<td>6,550.00</td>
<td>23,750.00</td>
<td>Carlos Quintero</td>
<td>On Call</td>
<td></td>
</tr>
<tr>
<td>TRU240-18</td>
<td>240</td>
<td>Trussell Technologies Inc</td>
<td>2017 Brine Line Annual Review</td>
<td>09/22/2016</td>
<td>06/30/2017</td>
<td>$48,579.00</td>
<td>-</td>
<td>$48,579.00</td>
<td>18,307.50</td>
<td>30,271.50</td>
<td>Rich Haller</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRU240-19</td>
<td>240</td>
<td>Trussell Technologies Inc</td>
<td>Water Quality Monitoring Investigation</td>
<td>01/06/2017</td>
<td>06/30/2017</td>
<td>$34,638.00</td>
<td>-</td>
<td>$34,638.00</td>
<td>29,546.00</td>
<td>5,092.00</td>
<td>Rich Haller</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WO2017-01</td>
<td>240</td>
<td>WMWD</td>
<td>Brine Line Operations &amp; Maintenance</td>
<td>07/01/2016</td>
<td>06/30/2017</td>
<td>$117,000.00</td>
<td>-</td>
<td>$117,000.00</td>
<td>154,814.84</td>
<td>2,083.16</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task Order No.</td>
<td>Fund No.</td>
<td>Project Contracts</td>
<td>Vendor Name</td>
<td>Task Description</td>
<td>Begin Date</td>
<td>End Date</td>
<td>Original Contract</td>
<td>Change Orders</td>
<td>Total Contract</td>
<td>Billed To Date</td>
<td>Contract Balance</td>
<td>SAWPA Manager</td>
<td>Comments</td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
<td>-------------------</td>
<td>-------------</td>
<td>-----------------</td>
<td>------------</td>
<td>----------</td>
<td>-------------------</td>
<td>--------------</td>
<td>---------------</td>
<td>----------------</td>
<td>----------------</td>
<td>---------------</td>
<td>-----------</td>
</tr>
<tr>
<td>DUDK326-05</td>
<td>326</td>
<td>Dudek</td>
<td>Litigation Support</td>
<td>11/28/2016 12/31/2017</td>
<td>$25,000.00</td>
<td>$ -</td>
<td>$25,000.00</td>
<td>$17,095.00</td>
<td>$7,905.00</td>
<td>$ -</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DUDK326-06</td>
<td>326</td>
<td>Dudek</td>
<td>Reach V Rehabilitation - Ph I, Tasks 3-4</td>
<td>03/03/2017 06/30/2018</td>
<td>$134,900.00</td>
<td>$ -</td>
<td>$134,900.00</td>
<td>$ -</td>
<td>$134,900.00</td>
<td>$ -</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DUDK326-02</td>
<td>326</td>
<td>Dudek</td>
<td>Reach V Rehabilitation &amp; Improvement</td>
<td>10/28/2014 04/30/2017</td>
<td>$214,650.00</td>
<td>$122,210.00</td>
<td>$336,860.00</td>
<td>$323,183.56</td>
<td>$13,676.44</td>
<td>$ -</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAMM326-01</td>
<td>326</td>
<td>Hammons Strategies</td>
<td>Strategic Communication Services</td>
<td>05/24/2016 09/30/2017</td>
<td>$18,500.00</td>
<td>$49,500.00</td>
<td>$68,000.00</td>
<td>$56,250.00</td>
<td>$11,750.00</td>
<td>$ -</td>
<td>Rich Haller</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W02017-33</td>
<td>326</td>
<td>Peclanga - Luiseno Indians</td>
<td>IEBL Reach V - Tribal Monitoring</td>
<td>01/24/2017 06/30/2018</td>
<td>$7,200.00</td>
<td>$ -</td>
<td>$7,200.00</td>
<td>$5,386.18</td>
<td>$1,813.82</td>
<td>$ -</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>YAL326-04</td>
<td>326</td>
<td>Vali Cooper &amp; Associates Inc</td>
<td>IEBL Reach V Rehabilitation</td>
<td>03/15/2017 06/30/2018</td>
<td>$1,252,400.00</td>
<td>$ -</td>
<td>$1,252,400.00</td>
<td>$413,446.01</td>
<td>$838,953.99</td>
<td>$ -</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO3379 Const</td>
<td>326</td>
<td>WEKA</td>
<td>IEBL Reach V Rehab &amp; Improvement</td>
<td>09/13/2016 01/16/2018</td>
<td>$2,944,602.00</td>
<td>$13,484,359.00</td>
<td>$15,529,461.00</td>
<td>$6,084,331.70</td>
<td>$9,445,129.30</td>
<td>$ -</td>
<td>David Ruhl</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM374-01</td>
<td>374</td>
<td>CDM Smith</td>
<td>Triennial Ambient Water Quality Update</td>
<td>08/15/2016 06/30/2017</td>
<td>$349,960.00</td>
<td>$19,200.00</td>
<td>$369,160.00</td>
<td>$242,054.18</td>
<td>$127,105.82</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM374-02</td>
<td>374</td>
<td>CDM Smith</td>
<td>CEQA Supplemental doe &amp; analysis</td>
<td>09/27/2016 12/31/2017</td>
<td>$29,527.00</td>
<td>$ -</td>
<td>$29,527.00</td>
<td>$38,707.65</td>
<td>$819.35</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEO374-01</td>
<td>374</td>
<td>GeoScience Support Service</td>
<td>SAR WLA Model Update</td>
<td>02/01/2017 06/30/2018</td>
<td>$249,800.00</td>
<td>$ -</td>
<td>$249,800.00</td>
<td>$105,116.25</td>
<td>$144,683.75</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RISK374-06</td>
<td>374</td>
<td>Risk Sciences</td>
<td>Basin Monitoring TF</td>
<td>07/27/2016 06/30/2017</td>
<td>$73,000.00</td>
<td>$ -</td>
<td>$73,000.00</td>
<td>$60,544.57</td>
<td>$12,455.43</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W02017-19</td>
<td>381</td>
<td>City of Colton PD</td>
<td>Enforcement - Santa Ana River</td>
<td>08/10/2016 06/30/2017</td>
<td>$6,200.00</td>
<td>$ -</td>
<td>$6,200.00</td>
<td>$4,921.80</td>
<td>$1,278.20</td>
<td>$ -</td>
<td>Ian Achimore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCH381-01</td>
<td>381</td>
<td>Schoevel Engineering</td>
<td>S-A. Sucker - Beneficial Use Project</td>
<td>04/18/2017 12/31/2018</td>
<td>$96,725.00</td>
<td>$ -</td>
<td>$96,725.00</td>
<td>$27,235.25</td>
<td>$69,489.75</td>
<td>$ -</td>
<td>Ian Achimore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM384-14</td>
<td>384-01</td>
<td>CDM Smith</td>
<td>2016 Triennial Report for MSAR TMDL</td>
<td>10/01/2015 06/30/2017</td>
<td>$48,050.00</td>
<td>$9,870.00</td>
<td>$58,920.00</td>
<td>$58,810.00</td>
<td>$10.00</td>
<td>$ -</td>
<td>Rick Whetsel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM384-15</td>
<td>384-01</td>
<td>CDM Smith</td>
<td>CBP Implementation Support</td>
<td>02/08/2017 12/31/2017</td>
<td>$12,135.00</td>
<td>$ -</td>
<td>$12,135.00</td>
<td>$5,399.64</td>
<td>$6,735.36</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM384-16</td>
<td>384-01</td>
<td>CDM Smith</td>
<td>CEDEN support - data upload</td>
<td>04/18/2017 06/30/2017</td>
<td>$5,965.00</td>
<td>$ -</td>
<td>$5,965.00</td>
<td>$5,185.00</td>
<td>$780.00</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W02017-15</td>
<td>384-01</td>
<td>OCWD</td>
<td>Bacteroides Analysis</td>
<td>07/01/2016 06/30/2017</td>
<td>$25,000.00</td>
<td>$ -</td>
<td>$25,000.00</td>
<td>$10,750.00</td>
<td>$14,250.00</td>
<td>$ -</td>
<td>Rick Whetsel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RISK384-08</td>
<td>384-01</td>
<td>Risk Sciences</td>
<td>MSAR TMDL Task Force</td>
<td>07/12/2015 06/30/2017</td>
<td>$87,300.00</td>
<td>$ -</td>
<td>$87,300.00</td>
<td>$30,725.42</td>
<td>$56,574.58</td>
<td>$ -</td>
<td>Rick Whetsel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM386-12</td>
<td>386</td>
<td>CDM Smith</td>
<td>Regional Bacteria Monitoring Program</td>
<td>04/18/2017 06/30/2018</td>
<td>$317,046.00</td>
<td>$ -</td>
<td>$317,046.00</td>
<td>$61,915.00</td>
<td>$255,131.00</td>
<td>$ -</td>
<td>Rick Whetsel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDM386-11</td>
<td>386</td>
<td>CDM Smith</td>
<td>SAR Bacteria Monitoring Program</td>
<td>12/07/2015 06/30/2017</td>
<td>$337,835.00</td>
<td>$5,000.00</td>
<td>$342,635.00</td>
<td>$342,332.08</td>
<td>$302.92</td>
<td>$ -</td>
<td>Rick Whetsel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEGR392-02</td>
<td>392</td>
<td>DeGrave Communicaitions</td>
<td>Social Media Support - EC TF</td>
<td>08/15/2016 06/30/2017</td>
<td>$30,000.00</td>
<td>$ -</td>
<td>$30,000.00</td>
<td>$29,098.76</td>
<td>$1,901.24</td>
<td>$ -</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO3289</td>
<td>397</td>
<td>CAPOC</td>
<td>Green House Gas Contract - WECAN</td>
<td>06/27/2016 09/30/2017</td>
<td>$16,628.00</td>
<td>$ -</td>
<td>$16,628.00</td>
<td>$3,623.58</td>
<td>$13,004.42</td>
<td>$ -</td>
<td>Mike Anton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO3377</td>
<td>397</td>
<td>CAPR</td>
<td>Green House Gas Contract - WECAN</td>
<td>10/31/2016 09/30/2017</td>
<td>$85,000.00</td>
<td>$ -</td>
<td>$85,000.00</td>
<td>$28,050.00</td>
<td>$56,950.00</td>
<td>$ -</td>
<td>Mike Anton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Task Order No.</td>
<td>Fund No.</td>
<td>Vendor Name</td>
<td>Task Description</td>
<td>Begin Date</td>
<td>End Date</td>
<td>Original Contract</td>
<td>Change Orders</td>
<td>Total Contract</td>
<td>Billed To Date</td>
<td>Contract Balance</td>
<td>SAWPA Manager</td>
<td>Comments</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>----------</td>
<td>-------------</td>
<td>------------------</td>
<td>------------</td>
<td>----------</td>
<td>------------------</td>
<td>--------------</td>
<td>---------------</td>
<td>---------------</td>
<td>----------------</td>
<td>---------------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>PO3285</td>
<td>397</td>
<td>CAPSB</td>
<td>Green House Gas Contract - WECAN</td>
<td>06/20/2016</td>
<td>09/30/2017</td>
<td>$868,153.00</td>
<td>-</td>
<td>$868,153.00</td>
<td>$106,683.34</td>
<td>$761,469.66</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECOT397-01</td>
<td>397</td>
<td>Ecotech</td>
<td>WECAN Landscaping Project</td>
<td>05/26/2016</td>
<td>09/30/2017</td>
<td>$1,300,000.00</td>
<td>-</td>
<td>$1,300,000.00</td>
<td>$605,094.80</td>
<td>$694,905.20</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECOT397-02</td>
<td>397</td>
<td>Ecotech</td>
<td>WECAN Landscaping Project</td>
<td>04/04/2017</td>
<td>10/30/2018</td>
<td>$612,000.00</td>
<td>-</td>
<td>$612,000.00</td>
<td>-</td>
<td>$612,000.00</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMC397-01</td>
<td>397</td>
<td>Green Media Creations</td>
<td>WECAN Outreach and Management</td>
<td>05/26/2016</td>
<td>09/30/2017</td>
<td>$170,000.00</td>
<td>-</td>
<td>$170,000.00</td>
<td>$137,817.10</td>
<td>$32,182.90</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMC397-02</td>
<td>397</td>
<td>Green Media Creations</td>
<td>WVWD Turf Removal</td>
<td>04/11/2017</td>
<td>10/30/2018</td>
<td>$80,000.00</td>
<td>-</td>
<td>$80,000.00</td>
<td>$5,661.94</td>
<td>$74,338.06</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO280</td>
<td>397</td>
<td>Orange County Coastkeeper</td>
<td>Green House Gas Contract - WECAN</td>
<td>06/07/2016</td>
<td>12/31/2017</td>
<td>$92,520.00</td>
<td>-</td>
<td>$92,520.00</td>
<td>$83,004.22</td>
<td>$9,515.78</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PO3375</td>
<td>398</td>
<td>Local Government Commission</td>
<td>Civic Spark WaterCorps Services</td>
<td>10/17/2016</td>
<td>09/30/2017</td>
<td>$37,000.00</td>
<td>-</td>
<td>$37,000.00</td>
<td>$23,566.03</td>
<td>$13,433.97</td>
<td>Mike Antos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CVS504-301-01</td>
<td>504-00</td>
<td>CV Strategies</td>
<td>FAQ on Conservation Based Rates</td>
<td>11/29/2016</td>
<td>06/30/2018</td>
<td>$25,000.00</td>
<td>600.00</td>
<td>$25,600.00</td>
<td>$18,066.25</td>
<td>$7,533.75</td>
<td>Ian Achimore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OMNI504-301-01</td>
<td>504-00</td>
<td>OmniEarth Inc</td>
<td>Web Based Water Consumption Reporting</td>
<td>09/21/2015</td>
<td>12/31/2017</td>
<td>$1,500,000.00</td>
<td>-</td>
<td>$1,500,000.00</td>
<td>$726,455.35</td>
<td>$773,544.65</td>
<td>Mark Norton</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRIS504-301-03</td>
<td>504-00</td>
<td>Statistical Research Inc</td>
<td>Aerial Mapping - Dead vegetation</td>
<td>03/08/2017</td>
<td>05/01/2018</td>
<td>$35,043.00</td>
<td>-</td>
<td>$35,043.00</td>
<td>-</td>
<td>$35,043.00</td>
<td>Dean Unger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RMC504-401-01</td>
<td>504-04</td>
<td>RMC Water and Environment</td>
<td>SARCCUP Program Mgmt Services</td>
<td>09/12/2016</td>
<td>06/30/2017</td>
<td>$310,429.00</td>
<td>-</td>
<td>$310,429.00</td>
<td>$273,427.03</td>
<td>$37,001.97</td>
<td>Mark Norton</td>
<td></td>
<td>$15,100,751.24</td>
</tr>
</tbody>
</table>
## LIST OF SAWPA FUNDS
### AS OF 07/01/17

<table>
<thead>
<tr>
<th>Fund No.</th>
<th>Fund Description</th>
<th>Fund Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-00</td>
<td>General Fund</td>
<td>General</td>
</tr>
<tr>
<td>100-03</td>
<td>State Lobbying</td>
<td>General</td>
</tr>
<tr>
<td>100-04</td>
<td>Federal Lobbying</td>
<td>General</td>
</tr>
<tr>
<td>100-05</td>
<td>Grant Applications</td>
<td>General</td>
</tr>
<tr>
<td>130</td>
<td>Proposition 84 – Program Management - Round 1</td>
<td>OWOW</td>
</tr>
<tr>
<td>135</td>
<td>Proposition 84 – Program Management – Round 2</td>
<td>OWOW</td>
</tr>
<tr>
<td>140</td>
<td>Proposition 84 – Program Management – Drought Round</td>
<td>OWOW</td>
</tr>
<tr>
<td>145</td>
<td>Proposition 84 – Program Management – 2015 Round</td>
<td>OWOW</td>
</tr>
<tr>
<td>240</td>
<td>Brine Line Enterprise</td>
<td>Brine Line</td>
</tr>
<tr>
<td>320-01</td>
<td>Brine Line Protection – Downstream Prado</td>
<td>Capital Projects</td>
</tr>
<tr>
<td>320-03</td>
<td>Brine Line Protection Above Prado</td>
<td>Capital Projects</td>
</tr>
<tr>
<td>320-04</td>
<td>Brine Line Protection D/S Prado in Riverside County</td>
<td>Capital Projects</td>
</tr>
<tr>
<td>326</td>
<td>Reach V Capital Repairs</td>
<td>Capital Projects</td>
</tr>
<tr>
<td>327</td>
<td>Reach IV-D Corrosion Repair</td>
<td>Capital Projects</td>
</tr>
<tr>
<td>370-01</td>
<td>Basin Planning General</td>
<td>OWOW</td>
</tr>
<tr>
<td>370-02</td>
<td>USBR Partnership Studies</td>
<td>OWOW</td>
</tr>
<tr>
<td>372</td>
<td>Imported Water Recharge Work Group</td>
<td>Roundtable</td>
</tr>
<tr>
<td>373</td>
<td>Watershed Management (OWOW)</td>
<td>OWOW</td>
</tr>
<tr>
<td>374</td>
<td>Basin Monitoring Program Task Force</td>
<td>Roundtable</td>
</tr>
<tr>
<td>381</td>
<td>Santa Ana River Fish Conservation</td>
<td>Roundtable</td>
</tr>
<tr>
<td>384-01</td>
<td>MSAR TMDL Task Force</td>
<td>Roundtable</td>
</tr>
<tr>
<td>386</td>
<td>Regional Water Quality Monitoring Task Force</td>
<td>Roundtable</td>
</tr>
<tr>
<td>387</td>
<td>Arundo Management &amp; Habitat Restoration</td>
<td>Roundtable</td>
</tr>
<tr>
<td>392</td>
<td>Emerging Constituents Task Force</td>
<td>Roundtable</td>
</tr>
<tr>
<td>396</td>
<td>Forest First</td>
<td>Roundtable</td>
</tr>
<tr>
<td>397</td>
<td>Energy – Water DAC Grant Project</td>
<td>OWOW</td>
</tr>
<tr>
<td>398</td>
<td>Proposition 1 - DACI</td>
<td>OWOW</td>
</tr>
<tr>
<td>477</td>
<td>LESJWA Administration</td>
<td>Roundtable</td>
</tr>
<tr>
<td>504-01</td>
<td>Proposition 84 – Capital Projects Round 1 &amp; 2</td>
<td>OWOW</td>
</tr>
<tr>
<td>504-00</td>
<td>Proposition 84 – Drought Capital Projects</td>
<td>OWOW</td>
</tr>
<tr>
<td>504-04</td>
<td>Proposition 84 – Final Round SARCCUP</td>
<td>OWOW</td>
</tr>
</tbody>
</table>
Santa Ana Watershed Project Authority  
Brine Line Debt Service Funding Analysis  
June 30, 2017

<table>
<thead>
<tr>
<th>FYE</th>
<th>T-Strip</th>
<th>Capacity</th>
<th>Loan Receipts</th>
<th>Rates</th>
<th>Loan Pymts</th>
<th>Interest Earned</th>
<th>Excess Cash</th>
<th>Ending Cash Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Beginning Balance</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,224,959</td>
</tr>
<tr>
<td>2016</td>
<td>1,824,000</td>
<td>2,006,158</td>
<td>1,044,273</td>
<td>(4,054,945)</td>
<td>64,499</td>
<td>883,985</td>
<td>4,108,944</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>949,000</td>
<td>356,251</td>
<td>1,044,273</td>
<td>(3,060,725)</td>
<td>82,179</td>
<td>(629,022)</td>
<td>3,479,922</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>949,000</td>
<td>356,251</td>
<td>1,044,273</td>
<td>(3,060,725)</td>
<td>69,598</td>
<td>(641,603)</td>
<td>2,838,319</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>395,000</td>
<td>89,063</td>
<td>1,700,623</td>
<td>(3,839,501)</td>
<td>56,766</td>
<td>(1,598,048)</td>
<td>1,240,271</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>395,000</td>
<td>-</td>
<td>1,700,623</td>
<td>(3,076,039)</td>
<td>24,805</td>
<td>(955,611)</td>
<td>284,660</td>
<td></td>
</tr>
<tr>
<td>2021</td>
<td>395,000</td>
<td>-</td>
<td>1,700,623</td>
<td>(3,483,251)</td>
<td>5,693</td>
<td>(1,381,935)</td>
<td>1,097,275</td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td>395,000</td>
<td>-</td>
<td>1,700,623</td>
<td>(3,255,936)</td>
<td>(21,945)</td>
<td>(1,182,259)</td>
<td>(2,279,534)</td>
<td></td>
</tr>
<tr>
<td>2023</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(45,591)</td>
<td>(701,941)</td>
<td>(2,981,474)</td>
<td></td>
</tr>
<tr>
<td>2024</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(59,629)</td>
<td>(715,980)</td>
<td>(3,697,454)</td>
<td></td>
</tr>
<tr>
<td>2025</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(73,949)</td>
<td>(730,299)</td>
<td>(4,427,753)</td>
<td></td>
</tr>
<tr>
<td>2026</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(88,555)</td>
<td>(744,905)</td>
<td>(5,172,658)</td>
<td></td>
</tr>
<tr>
<td>2027</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(103,453)</td>
<td>(759,803)</td>
<td>(5,932,462)</td>
<td></td>
</tr>
<tr>
<td>2028</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(118,649)</td>
<td>(774,999)</td>
<td>(6,707,461)</td>
<td></td>
</tr>
<tr>
<td>2029</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(134,149)</td>
<td>(790,499)</td>
<td>(7,497,961)</td>
<td></td>
</tr>
<tr>
<td>2030</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(149,959)</td>
<td>(806,309)</td>
<td>(8,304,270)</td>
<td></td>
</tr>
<tr>
<td>2031</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(166,085)</td>
<td>(822,436)</td>
<td>(9,126,706)</td>
<td></td>
</tr>
<tr>
<td>2032</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(2,356,973)</td>
<td>(182,534)</td>
<td>(838,884)</td>
<td>(9,965,590)</td>
<td></td>
</tr>
<tr>
<td>2033</td>
<td>-</td>
<td>-</td>
<td>1,700,623</td>
<td>(1,700,623)</td>
<td>(199,312)</td>
<td>(199,312)</td>
<td>(10,164,902)</td>
<td></td>
</tr>
<tr>
<td>2034</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(203,298)</td>
<td>(203,298)</td>
<td>(10,368,200)</td>
<td></td>
</tr>
<tr>
<td>2035</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(207,364)</td>
<td>(207,364)</td>
<td>(10,575,564)</td>
<td></td>
</tr>
<tr>
<td>2036</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(211,511)</td>
<td>(211,511)</td>
<td>(10,787,075)</td>
<td></td>
</tr>
<tr>
<td>2037</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(215,742)</td>
<td>(215,742)</td>
<td>(11,002,817)</td>
<td></td>
</tr>
<tr>
<td>2038</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(220,056)</td>
<td>(220,056)</td>
<td>(11,222,873)</td>
<td></td>
</tr>
<tr>
<td>2039</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(224,457)</td>
<td>(224,457)</td>
<td>(11,447,330)</td>
<td></td>
</tr>
<tr>
<td>2040</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(228,949)</td>
<td>(228,949)</td>
<td>(11,676,277)</td>
<td></td>
</tr>
<tr>
<td>2041</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(233,298)</td>
<td>(233,298)</td>
<td>(11,909,803)</td>
<td></td>
</tr>
<tr>
<td>2042</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(238,196)</td>
<td>(238,196)</td>
<td>(12,147,999)</td>
<td></td>
</tr>
<tr>
<td>2043</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(242,960)</td>
<td>(242,960)</td>
<td>(12,390,959)</td>
<td></td>
</tr>
<tr>
<td>2044</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(247,819)</td>
<td>(247,819)</td>
<td>(12,638,778)</td>
<td></td>
</tr>
<tr>
<td>2045</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(252,776)</td>
<td>(252,776)</td>
<td>(12,891,553)</td>
<td></td>
</tr>
<tr>
<td>2046</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(257,831)</td>
<td>(257,831)</td>
<td>(13,149,384)</td>
<td></td>
</tr>
<tr>
<td>2047</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(262,988)</td>
<td>(262,988)</td>
<td>(13,412,372)</td>
<td></td>
</tr>
<tr>
<td>2048</td>
<td>-</td>
<td>-</td>
<td>656,350</td>
<td>(656,350)</td>
<td>(268,246)</td>
<td>(268,246)</td>
<td>(13,680,619)</td>
<td></td>
</tr>
</tbody>
</table>

5,302,000 | 2,807,722 | 38,487,414 | (58,946,726) | (4,555,988) | (16,905,579) | (13,680,619) |

*Interest earned is based on a conservative 2.00% average return over the period.
## Debt Service Payment Schedule
### Fiscal Years 2016-2048

<table>
<thead>
<tr>
<th>FYE</th>
<th>Interest</th>
<th>Principal</th>
<th>Total Payment</th>
<th>New SRF Loan</th>
<th>Remaining Principal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>716,441</td>
<td>3,338,504</td>
<td>4,054,945</td>
<td>-</td>
<td>22,045,090</td>
</tr>
<tr>
<td>2017</td>
<td>615,366</td>
<td>2,445,358</td>
<td>3,060,725</td>
<td>-</td>
<td>19,599,731</td>
</tr>
<tr>
<td>2018</td>
<td>539,727</td>
<td>2,520,997</td>
<td>3,060,725</td>
<td>15,000,000</td>
<td>32,078,734</td>
</tr>
<tr>
<td>2019</td>
<td>743,208</td>
<td>2,439,943</td>
<td>3,183,151</td>
<td>-</td>
<td>29,638,791</td>
</tr>
<tr>
<td>2020</td>
<td>669,973</td>
<td>2,049,717</td>
<td>2,719,689</td>
<td>-</td>
<td>27,589,074</td>
</tr>
<tr>
<td>2021</td>
<td>615,546</td>
<td>2,211,355</td>
<td>2,826,901</td>
<td>-</td>
<td>25,377,191</td>
</tr>
<tr>
<td>2022</td>
<td>559,727</td>
<td>2,039,860</td>
<td>2,593,367</td>
<td>-</td>
<td>23,337,860</td>
</tr>
<tr>
<td>2023</td>
<td>509,071</td>
<td>1,191,552</td>
<td>1,700,623</td>
<td>15,000,000</td>
<td>32,078,734</td>
</tr>
<tr>
<td>2024</td>
<td>451,953</td>
<td>1,248,670</td>
<td>1,700,623</td>
<td>-</td>
<td>20,926,537</td>
</tr>
<tr>
<td>2025</td>
<td>422,357</td>
<td>1,278,635</td>
<td>1,700,623</td>
<td>-</td>
<td>18,399,601</td>
</tr>
<tr>
<td>2026</td>
<td>392,046</td>
<td>1,308,578</td>
<td>1,700,623</td>
<td>-</td>
<td>17,091,024</td>
</tr>
<tr>
<td>2027</td>
<td>361,002</td>
<td>1,339,621</td>
<td>1,700,623</td>
<td>-</td>
<td>15,751,403</td>
</tr>
<tr>
<td>2028</td>
<td>329,209</td>
<td>1,371,414</td>
<td>1,700,623</td>
<td>-</td>
<td>14,379,989</td>
</tr>
<tr>
<td>2029</td>
<td>296,647</td>
<td>1,403,976</td>
<td>1,700,623</td>
<td>-</td>
<td>12,976,013</td>
</tr>
<tr>
<td>2030</td>
<td>263,298</td>
<td>1,437,325</td>
<td>1,700,623</td>
<td>-</td>
<td>11,538,688</td>
</tr>
<tr>
<td>2031</td>
<td>229,143</td>
<td>1,471,480</td>
<td>1,700,623</td>
<td>-</td>
<td>10,067,208</td>
</tr>
<tr>
<td>2032</td>
<td>194,161</td>
<td>1,506,462</td>
<td>1,700,623</td>
<td>-</td>
<td>8,560,745</td>
</tr>
<tr>
<td>2033</td>
<td>158,332</td>
<td>498,018</td>
<td>656,350</td>
<td>-</td>
<td>8,062,728</td>
</tr>
<tr>
<td>2034</td>
<td>148,787</td>
<td>507,563</td>
<td>656,350</td>
<td>-</td>
<td>7,555,165</td>
</tr>
<tr>
<td>2035</td>
<td>139,059</td>
<td>517,291</td>
<td>656,350</td>
<td>-</td>
<td>7,037,874</td>
</tr>
<tr>
<td>2036</td>
<td>129,144</td>
<td>527,206</td>
<td>656,350</td>
<td>-</td>
<td>6,510,668</td>
</tr>
<tr>
<td>2037</td>
<td>119,040</td>
<td>537,310</td>
<td>656,350</td>
<td>-</td>
<td>5,973,358</td>
</tr>
<tr>
<td>2038</td>
<td>108,741</td>
<td>547,609</td>
<td>656,350</td>
<td>-</td>
<td>5,425,749</td>
</tr>
<tr>
<td>2039</td>
<td>98,246</td>
<td>558,104</td>
<td>656,350</td>
<td>-</td>
<td>4,867,645</td>
</tr>
<tr>
<td>2040</td>
<td>87,549</td>
<td>568,801</td>
<td>656,350</td>
<td>-</td>
<td>4,298,844</td>
</tr>
<tr>
<td>2041</td>
<td>76,467</td>
<td>579,723</td>
<td>656,350</td>
<td>-</td>
<td>3,719,141</td>
</tr>
<tr>
<td>2042</td>
<td>65,536</td>
<td>590,814</td>
<td>656,350</td>
<td>-</td>
<td>3,128,327</td>
</tr>
<tr>
<td>2043</td>
<td>54,213</td>
<td>602,137</td>
<td>656,350</td>
<td>-</td>
<td>2,526,190</td>
</tr>
<tr>
<td>2044</td>
<td>42,672</td>
<td>613,678</td>
<td>656,350</td>
<td>-</td>
<td>1,912,512</td>
</tr>
<tr>
<td>2045</td>
<td>30,910</td>
<td>625,440</td>
<td>656,350</td>
<td>-</td>
<td>1,287,072</td>
</tr>
<tr>
<td>2046</td>
<td>18,922</td>
<td>637,427</td>
<td>656,350</td>
<td>-</td>
<td>649,645</td>
</tr>
<tr>
<td>2047</td>
<td>6,705</td>
<td>649,645</td>
<td>656,350</td>
<td>-</td>
<td>0</td>
</tr>
<tr>
<td>2048</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### CASH BALANCE & SOURCE OF FUNDS

**June 30, 2017**

<table>
<thead>
<tr>
<th>Reserve Accounts</th>
<th>Total</th>
<th>Checking (Cash)</th>
<th>CalTRUST Investments</th>
<th>LAIF Account</th>
<th>Savings</th>
<th>Investment Securities</th>
<th>Certificates of Deposit</th>
<th>Treasury Strips</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 General Fund</td>
<td>$2,407,170</td>
<td>1,609,336</td>
<td>-</td>
<td>797,834</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$2,407,170</td>
</tr>
<tr>
<td>100 Building Reserve</td>
<td>$818,646</td>
<td>-</td>
<td>-</td>
<td>818,646</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$818,646</td>
</tr>
<tr>
<td>370 Basin Planning General</td>
<td>$56,391</td>
<td>-</td>
<td>-</td>
<td>56,391</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$56,391</td>
</tr>
<tr>
<td>370 USBR Partnership Studies</td>
<td>$21,708</td>
<td>-</td>
<td>-</td>
<td>21,708</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$21,708</td>
</tr>
<tr>
<td>373 Watershed Management Plan</td>
<td>$38,171</td>
<td>-</td>
<td>-</td>
<td>38,171</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$38,171</td>
</tr>
<tr>
<td>240 Self Insurance Reserve</td>
<td>$3,846,181</td>
<td>-</td>
<td>-</td>
<td>3,846,181</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$3,846,181</td>
</tr>
<tr>
<td>240 Brine Line Debt Retirement</td>
<td>$5,037,279</td>
<td>-</td>
<td>-</td>
<td>3,333,479</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,703,800</td>
<td>$5,037,279</td>
</tr>
<tr>
<td>240 Brine Line - Pipeline Replacement</td>
<td>$13,807,175</td>
<td>-</td>
<td>-</td>
<td>3,333,479</td>
<td>-</td>
<td>12,509,971</td>
<td>1,297,204</td>
<td>-</td>
<td>$13,807,175</td>
</tr>
<tr>
<td>240 Brine Line - OCSD Rehabilitation</td>
<td>$7,506,389</td>
<td>-</td>
<td>2,175,131</td>
<td>3,903,097</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$7,506,389</td>
</tr>
<tr>
<td>240 Brine Line - Capacity Management</td>
<td>$7,851,194</td>
<td>-</td>
<td>-</td>
<td>3,903,097</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$7,851,194</td>
</tr>
<tr>
<td>240 Brine Line - OCSD Future Capacity</td>
<td>$1,725,296</td>
<td>-</td>
<td>-</td>
<td>1,725,296</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$1,725,296</td>
</tr>
<tr>
<td>240 Brine Line - Flow Imbalance Reserve</td>
<td>$84,608</td>
<td>-</td>
<td>-</td>
<td>84,608</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$84,608</td>
</tr>
<tr>
<td>240 Brine Line - Operating Reserve</td>
<td>$4,545,484</td>
<td>-</td>
<td>-</td>
<td>4,545,484</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$4,545,484</td>
</tr>
<tr>
<td>401 Legal Defense Fund</td>
<td>$447,960</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>447,960</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$447,960</td>
</tr>
<tr>
<td>372 Imported Water Recharge</td>
<td>$11,652</td>
<td>-</td>
<td>-</td>
<td>11,652</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$11,652</td>
</tr>
<tr>
<td>374 Basin Monitoring Program TF</td>
<td>$370,641</td>
<td>-</td>
<td>-</td>
<td>370,641</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$370,641</td>
</tr>
<tr>
<td>381 SAR Fish Conservation</td>
<td>$231,857</td>
<td>-</td>
<td>-</td>
<td>231,857</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$231,857</td>
</tr>
<tr>
<td>384 Middle SAR TMDL TF</td>
<td>$206,591</td>
<td>-</td>
<td>-</td>
<td>206,591</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$206,591</td>
</tr>
<tr>
<td>386 RWQ Monitoring TF</td>
<td>$86,459</td>
<td>-</td>
<td>-</td>
<td>86,459</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$86,459</td>
</tr>
<tr>
<td>387 Mitigation Bank Credits</td>
<td>$958,089</td>
<td>-</td>
<td>-</td>
<td>958,089</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$958,089</td>
</tr>
<tr>
<td>392 Emerging Constituents TF</td>
<td>$86,444</td>
<td>-</td>
<td>-</td>
<td>86,444</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$86,444</td>
</tr>
<tr>
<td>397 Energy - Water DAC Grant</td>
<td>$604,757</td>
<td>-</td>
<td>-</td>
<td>604,757</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$604,757</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$50,750,142</td>
<td>$1,609,336</td>
<td>$2,175,131</td>
<td>$29,578,578</td>
<td>$447,960</td>
<td>$12,509,971</td>
<td>$2,725,365</td>
<td>$1,703,800</td>
<td>$50,750,142</td>
</tr>
</tbody>
</table>
Cash & Investments - June 2017
$50,750,142

- Securities, $12,509,971, 25%
- LAIF, $29,578,578, 58%
- Certificates of Deposit, $2,725,365, 6%
- CalTRUST Investments, $2,175,131, 4%
- T-Strips, $1,703,800, 3%
- Savings - EPA, $447,960, 1%
<table>
<thead>
<tr>
<th>Reserve Account</th>
<th>Balance @ 6/30/2016</th>
<th>Interest Earned</th>
<th>Fund Contributions</th>
<th>Loan/T-Strip Receipts</th>
<th>Debt Service Payments</th>
<th>Inter-Fund Loans</th>
<th>Fund Expenses</th>
<th>Balance @ 6/30/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brine Line Operating Reserve</td>
<td>3,790,275</td>
<td>24,824</td>
<td>10,812,379</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(10,081,994)</td>
</tr>
<tr>
<td>Flow Imbalance Reserve</td>
<td>83,084</td>
<td>669</td>
<td>855</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>84,608</td>
</tr>
<tr>
<td>OCSD Future Capacity</td>
<td>1,711,499</td>
<td>13,798</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,725,296</td>
</tr>
<tr>
<td>Capacity Management</td>
<td>7,197,751</td>
<td>64,548</td>
<td>588,894</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7,851,194</td>
</tr>
<tr>
<td>Pipeline Replacement</td>
<td>19,919,329</td>
<td>151,007</td>
<td>1,000,000</td>
<td></td>
<td>(7,263,161)</td>
<td></td>
<td></td>
<td>13,807,175</td>
</tr>
<tr>
<td>OCSD Rehabilitation</td>
<td>6,949,290</td>
<td>57,099</td>
<td>500,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7,506,389</td>
</tr>
<tr>
<td>Debt Retirement</td>
<td>3,954,338</td>
<td>27,407</td>
<td>1,552,521</td>
<td>1,216,188</td>
<td>(3,416,975)</td>
<td></td>
<td></td>
<td>3,333,479</td>
</tr>
<tr>
<td>Self Insurance</td>
<td>3,717,788</td>
<td>28,393</td>
<td>100,000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,846,181</td>
</tr>
<tr>
<td>General Fund</td>
<td>2,267,163</td>
<td>19,692</td>
<td>714,683</td>
<td>(856,044)</td>
<td>261,676</td>
<td></td>
<td></td>
<td>2,407,170</td>
</tr>
<tr>
<td>Building Reserve</td>
<td>726,622</td>
<td>6,401</td>
<td>100,000</td>
<td></td>
<td>(14,376)</td>
<td></td>
<td></td>
<td>818,646</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>46,325,606</strong></td>
<td><strong>393,839</strong></td>
<td><strong>15,369,332</strong></td>
<td><strong>1,216,188</strong></td>
<td><strong>(3,416,975)</strong></td>
<td></td>
<td></td>
<td><strong>45,925,622</strong></td>
</tr>
</tbody>
</table>
Twelve Month Maturity Schedule

Securities

- < 1 YR: 16%
- 1 to 2 YRS: 26%
- 2 to 3 YRS: 15%
- 3 to 4 YRS: 33%
- 4 to 5 YRS: 10%
Average Daily Flow by Month

- **Actual**
- **Owned**

Graph showing the average daily flow by month from June 2016 to June 2017.
## SUMMARY OF LABOR MULTIPLIERS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Employee Benefits</td>
<td>1,315,982</td>
<td>0.409</td>
</tr>
<tr>
<td>Total Payroll</td>
<td>3,219,340</td>
<td></td>
</tr>
<tr>
<td>Gross Indirect Costs</td>
<td>2,930,684</td>
<td></td>
</tr>
<tr>
<td>Less: Member Contributions &amp; Other Revenue</td>
<td>(450,000)</td>
<td></td>
</tr>
<tr>
<td>Indirect Costs for Distribution</td>
<td>2,480,684</td>
<td></td>
</tr>
<tr>
<td>Direct Labor</td>
<td>1,662,007</td>
<td>1.493</td>
</tr>
<tr>
<td>Indirect Costs</td>
<td>2,480,684</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Labor Multiplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2016-17</td>
<td>1.901</td>
</tr>
<tr>
<td>FY 2015-16</td>
<td>2.073</td>
</tr>
<tr>
<td>FY 2014-15</td>
<td>1.850</td>
</tr>
<tr>
<td>FY 2013-14</td>
<td>2.105</td>
</tr>
<tr>
<td>FY 2012-13</td>
<td>1.938</td>
</tr>
<tr>
<td>FY 2011-12</td>
<td>2.045</td>
</tr>
</tbody>
</table>
## INDIRECT COSTS

( to be Distributed)

<table>
<thead>
<tr>
<th>G/L Acct.</th>
<th>Description</th>
<th>Actual thru 6/30/17</th>
<th>G/L Acct.</th>
<th>Description</th>
<th>Actual thru 6/30/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>51000</td>
<td>Salaries - Regular</td>
<td>$ 1,557,333</td>
<td>60171</td>
<td>Equipment Rented</td>
<td>$ 33,913</td>
</tr>
<tr>
<td>52000</td>
<td>Benefits</td>
<td>$ 510,750</td>
<td>60172</td>
<td>Equipment Repair / Maintenance</td>
<td>$ 11</td>
</tr>
<tr>
<td>60111</td>
<td>Tuition Reimbursement</td>
<td>$ -</td>
<td>60180</td>
<td>Computer Hardware</td>
<td>$ 19,527</td>
</tr>
<tr>
<td>60112</td>
<td>Training</td>
<td>$ 2,040</td>
<td>60181</td>
<td>Software / Updates / Licensing</td>
<td>$ 73,457</td>
</tr>
<tr>
<td>60113</td>
<td>Education</td>
<td>$ 1,418</td>
<td>60182</td>
<td>Internet Services</td>
<td>$ 12,978</td>
</tr>
<tr>
<td>60114</td>
<td>Other Training &amp; Education</td>
<td>$ 9,278</td>
<td>60183</td>
<td>Computer Supplies</td>
<td>$ 3,713</td>
</tr>
<tr>
<td>60120</td>
<td>Audit Fees</td>
<td>$ 23,675</td>
<td>60184</td>
<td>Computer Repair / Maintenance</td>
<td>$ 382</td>
</tr>
<tr>
<td>60121</td>
<td>Consulting</td>
<td>$ 176,348</td>
<td>60190</td>
<td>Offsite Meeting / Travel Expense</td>
<td>$ 5,097</td>
</tr>
<tr>
<td>60126</td>
<td>Temporary Services</td>
<td>$ -</td>
<td>60191</td>
<td>In House Meetings</td>
<td>$ 1,897</td>
</tr>
<tr>
<td>60128</td>
<td>Other Professional Services</td>
<td>$ 1,300</td>
<td>60192</td>
<td>Conference Expense</td>
<td>$ 8,120</td>
</tr>
<tr>
<td>60129</td>
<td>Other Contract Services</td>
<td>$ -</td>
<td>60193</td>
<td>Car, Repair, Maint</td>
<td>$ -</td>
</tr>
<tr>
<td>60130</td>
<td>Legal Fees</td>
<td>$ -</td>
<td>60200</td>
<td>Dues</td>
<td>$ 29,516</td>
</tr>
<tr>
<td>60133</td>
<td>Employment Recruitment</td>
<td>$ 1,759</td>
<td>60202</td>
<td>Subscriptions</td>
<td>$ 1,575</td>
</tr>
<tr>
<td>60153</td>
<td>Materials &amp; Supplies</td>
<td>$ -</td>
<td>60203</td>
<td>Contributions</td>
<td>$ 18,600</td>
</tr>
<tr>
<td>60154</td>
<td>Safety</td>
<td>$ 2,843</td>
<td>60210</td>
<td>Bank Charges</td>
<td>$ 941</td>
</tr>
<tr>
<td>60155</td>
<td>Security</td>
<td>$ 1,594</td>
<td>60211</td>
<td>Shipping / Postage</td>
<td>$ 1,613</td>
</tr>
<tr>
<td>60156</td>
<td>Custodial Contract Services</td>
<td>$ 17,660</td>
<td>60212</td>
<td>Office Supplies</td>
<td>$ 9,553</td>
</tr>
<tr>
<td>60157</td>
<td>Landscaping Maintenance</td>
<td>$ 24,381</td>
<td>60213</td>
<td>Offsite Storage</td>
<td>$ 2,280</td>
</tr>
<tr>
<td>60158</td>
<td>HVAC</td>
<td>$ 1,000</td>
<td>60220</td>
<td>Commission Fees</td>
<td>$ 11,676</td>
</tr>
<tr>
<td>60159</td>
<td>Facility Repair &amp; Maintenance</td>
<td>$ 15,648</td>
<td>60221</td>
<td>Commission Mileage Reimb.</td>
<td>$ 3,947</td>
</tr>
<tr>
<td>60160</td>
<td>Telephone</td>
<td>$ 11,266</td>
<td>60222</td>
<td>Other Commission Expense</td>
<td>$ 124</td>
</tr>
<tr>
<td>60161</td>
<td>Cellular / Paging Services</td>
<td>$ 16,065</td>
<td>60230</td>
<td>Other Expense</td>
<td>$ 18,133</td>
</tr>
<tr>
<td>60163</td>
<td>Electricity</td>
<td>$ 20,457</td>
<td>80000</td>
<td>Retiree Medical Expense</td>
<td>$ 118,735</td>
</tr>
<tr>
<td>60164</td>
<td>Water Services</td>
<td>$ 6,841</td>
<td>80001</td>
<td>Insurance Expense</td>
<td>$ 33,949</td>
</tr>
<tr>
<td>60170</td>
<td>Equipment Expensed</td>
<td>$ 4,917</td>
<td>80000</td>
<td>Building Repair/Replacement Reserve</td>
<td>$ 100,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>13005</td>
<td>Fixed Assets</td>
<td>$ 14,376</td>
</tr>
</tbody>
</table>

(Continued - next column)

<table>
<thead>
<tr>
<th>Actual thru 6/30/17</th>
<th>G/L Acct.</th>
<th>Description</th>
<th>Actual thru 6/30/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Costs</td>
<td>$ 2,930,684</td>
<td>Direct Costs Paid by Projects</td>
<td>$ 2,763,078</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Member Contribution Offset</td>
<td>$ 450,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Over allocation %</td>
<td>11.4%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Over (Under) Allocation of General Fund Costs</td>
<td>$ 282,394</td>
</tr>
</tbody>
</table>

107
### BENEFITS SUMMARY
(Distributed based on Actual Labor)

<table>
<thead>
<tr>
<th>G/L Acct</th>
<th>Description</th>
<th>Budget</th>
<th>Actual @ 6/30/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>70101</td>
<td>FICA Expense</td>
<td>164,717</td>
<td>$166,834</td>
</tr>
<tr>
<td>70102</td>
<td>Medicare Expense</td>
<td>45,897</td>
<td>$46,427</td>
</tr>
<tr>
<td>70103</td>
<td>State Unemployment Insurance</td>
<td>6,300</td>
<td>$6,670</td>
</tr>
<tr>
<td>70104</td>
<td>Worker's Compensation Insurance</td>
<td>55,513</td>
<td>$69,947</td>
</tr>
<tr>
<td>70105</td>
<td>State Disability Insurance</td>
<td>21,764</td>
<td>$22,106</td>
</tr>
<tr>
<td>70106</td>
<td>PERS Pension Plan</td>
<td>557,936</td>
<td>$522,599</td>
</tr>
<tr>
<td>70111</td>
<td>Medical Expense</td>
<td>363,995</td>
<td>$379,329</td>
</tr>
<tr>
<td>70112</td>
<td>Dental Expense</td>
<td>28,554</td>
<td>$25,339</td>
</tr>
<tr>
<td>70113</td>
<td>Vision Insurance</td>
<td>7,299</td>
<td>$6,861</td>
</tr>
<tr>
<td>70114</td>
<td>Life Insurance Expense</td>
<td>12,092</td>
<td>$13,427</td>
</tr>
<tr>
<td>70115</td>
<td>Long Term Disability</td>
<td>15,017</td>
<td>$15,382</td>
</tr>
<tr>
<td>70116</td>
<td>Wellness Program Expense</td>
<td>3,250</td>
<td>$2,554</td>
</tr>
<tr>
<td>70117</td>
<td>401a Profit Sharing - Employers Contribution</td>
<td>4,907</td>
<td>$4,907</td>
</tr>
<tr>
<td>70120</td>
<td>Car Allowance</td>
<td>30,000</td>
<td>$33,600</td>
</tr>
</tbody>
</table>

**Total Benefits** 1,317,241 1,315,982

**Total Payroll** 3,135,315 $3,219,340

**Benefits Rate** 42.0% 40.9%
Santa Ana Watershed Project Authority
Labor Hours Budget vs Actual
Month Ending June 30, 2017

<table>
<thead>
<tr>
<th>Fund</th>
<th>Budget</th>
<th>Actual</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 General &amp; Administrative</td>
<td>25,603</td>
<td>24,863</td>
<td>97.11%</td>
</tr>
<tr>
<td>130 Prop 84 Round 1 Administration</td>
<td>570</td>
<td>665</td>
<td>116.71%</td>
</tr>
<tr>
<td>135 Prop 84 Round 2 Administration</td>
<td>830</td>
<td>847</td>
<td>102.05%</td>
</tr>
<tr>
<td>140 Prop 84 2014 Drought Administration</td>
<td>1,080</td>
<td>859</td>
<td>79.51%</td>
</tr>
<tr>
<td>145 Prop 84 Final Round Administration</td>
<td>3,390</td>
<td>1,080</td>
<td>31.86%</td>
</tr>
<tr>
<td>240 Brine Line Enterprise</td>
<td>17,055</td>
<td>16,864</td>
<td>98.88%</td>
</tr>
<tr>
<td>320 Brine Line Protection</td>
<td>415</td>
<td>5</td>
<td>1.08%</td>
</tr>
<tr>
<td>326 Reach V Capital Repairs</td>
<td>440</td>
<td>3,057</td>
<td>694.83%</td>
</tr>
<tr>
<td>327 Reach IV-D Corrosion Repairs</td>
<td>1,338</td>
<td>-</td>
<td>0.00%</td>
</tr>
<tr>
<td>370-01 General Basin Planning</td>
<td>2,286</td>
<td>2,336</td>
<td>102.19%</td>
</tr>
<tr>
<td>370-02 USBR Partnership Studies</td>
<td>110</td>
<td>31</td>
<td>27.73%</td>
</tr>
<tr>
<td>372 Imported Water Recharge</td>
<td>60</td>
<td>68</td>
<td>113.33%</td>
</tr>
<tr>
<td>373 Watershed Management Plan</td>
<td>1,640</td>
<td>2,594</td>
<td>158.14%</td>
</tr>
<tr>
<td>374 Basin Monitoring Program</td>
<td>325</td>
<td>647</td>
<td>198.92%</td>
</tr>
<tr>
<td>381 SAR Fish Conservation</td>
<td>113</td>
<td>176</td>
<td>156.15%</td>
</tr>
<tr>
<td>384-01 Chino TMDL Facilitation</td>
<td>170</td>
<td>223</td>
<td>130.88%</td>
</tr>
<tr>
<td>386MONIT Storm Water Quality Standards TF</td>
<td>-</td>
<td>143</td>
<td>100.00%</td>
</tr>
<tr>
<td>386STORM Storm Water Quality Standards TF</td>
<td>210</td>
<td>44</td>
<td>20.71%</td>
</tr>
<tr>
<td>387 Arundo Removal &amp; Habitat Restoration</td>
<td>170</td>
<td>51</td>
<td>29.71%</td>
</tr>
<tr>
<td>392 Emerging Constituents</td>
<td>175</td>
<td>104</td>
<td>59.29%</td>
</tr>
<tr>
<td>396 Forest First</td>
<td>40</td>
<td>-</td>
<td>0.00%</td>
</tr>
<tr>
<td>397 Water-Energy Grant Administration</td>
<td>345</td>
<td>354</td>
<td>102.46%</td>
</tr>
<tr>
<td>397EXPAN Water-Energy WWWD Administration</td>
<td>-</td>
<td>11</td>
<td>100.00%</td>
</tr>
<tr>
<td>398ADMIN DACI Grant</td>
<td>-</td>
<td>430</td>
<td>100.00%</td>
</tr>
<tr>
<td>477TMDL LESJ WA - TMDL Task Force</td>
<td>590</td>
<td>780</td>
<td>132.16%</td>
</tr>
<tr>
<td>477-02 LESJ WA - Administration</td>
<td>305</td>
<td>381</td>
<td>124.84%</td>
</tr>
<tr>
<td>504-301A Prop 84 2014 Drought Implementation</td>
<td>660</td>
<td>432</td>
<td>65.45%</td>
</tr>
<tr>
<td>504-301C Prop 84 2014 Drought Implementation</td>
<td>-</td>
<td>507</td>
<td>100.00%</td>
</tr>
<tr>
<td>504-401 Prop 84 Final Round Implementation</td>
<td>-</td>
<td>116</td>
<td>100.00%</td>
</tr>
<tr>
<td>504-401PA23 Prop 84 Final Round Implementation</td>
<td>-</td>
<td>245</td>
<td>100.00%</td>
</tr>
<tr>
<td>504-402Rates Prop 84 Final Round Implementation</td>
<td>-</td>
<td>1</td>
<td>100.00%</td>
</tr>
<tr>
<td>504-402Smart Prop 84 Final Round Implementation</td>
<td>-</td>
<td>1</td>
<td>100.00%</td>
</tr>
<tr>
<td>57,920</td>
<td>57,909</td>
<td>99.98%</td>
<td></td>
</tr>
</tbody>
</table>

Note: Should be at 100% of budget for 12 months
COMMISSION MEMORANDUM NO. 2017.108

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Homelessness & Water Symposium Summary

PREPARED BY: Mike Antos, Senior Watershed Manager

RECOMMENDATION
It is recommended that the Commission receive and file this summary of the Homelessness and Water Symposium, a component of the Disadvantaged Communities Involvement Program.

DISCUSSION
The symposium on Homelessness and Water was held June 29 in Riverside by the Santa Ana Watershed Project Authority and the Inland Empire Waterkeeper. About 65 watershed community members attended. Attendees from the water and social services sectors from across the Santa Ana River Watershed convened to identify connections between the challenges of homelessness and water management. The symposium was part of SAWPA’s Disadvantaged Communities Involvement Program, funded by a Proposition 1 grant administered by Department of Water Resources, and was hosted in partnership with Inland Empire Waterkeeper.

About 9,000 people are homeless on a given night within Orange, Riverside, and San Bernardino counties, according to the 2017 point in time count, and many live along the Santa Ana River and its tributaries. In areas of Orange County alone, about 480 unsheltered people were counted living in the riverbed earlier this year, according to the Orange County Health Care Agency. People who are homeless in the watershed are considered an underrepresented community in water management planning. This is because they often do not have safe and affordable access to water for drinking or sanitation and can be at risk from flooding.

The event consisted of two panels and a keynote speaker, with time for networking between attendees. The event’s first panel focused on the people who live in encampments along the river and the challenges they encounter when trying to access water for drinking and sanitation. Panelists also discussed the causes of homelessness, cross-county collaboration, and the Housing First homeless assistance approach. Housing First seeks to connect individuals and families who are homeless with permanent supportive or affordable housing without barriers to entry.

The panel included Emilio Ramirez, the deputy director for Community and Economic Development for the City of Riverside, Deputy Sheriff Michael Jones, who is part of the San Bernardino County Sheriff’s Department Homeless Outreach and Proactive Enforcement (HOPE) team, Damien O’Farrell, the CEO of Path of Life Ministries, the largest homeless shelter and housing provider in western Riverside County, and Eve Garrow, the homelessness policy analyst and advocate for the ACLU of Southern California.

The second panel talked about the Human Right to Water measure and its future implications. Members also discussed other creative efforts to help people who are homeless with access water as well as how water districts and retail water agencies can contribute to current efforts by cities and counties.
In 2012, California became the first state to recognize that “every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes” (Assembly Bill 685). Despite the measures and other related resources, many challenges still exist in securing funding that will subsidize water rates paid by low-income individuals and in operating and maintaining drinking water systems. There is also the challenge of ensuring this right is upheld for people who cannot access water at a home or apartment and whose access to other facilities is barred.

The panelists were Anne Rios, executive director of Think Dignity, a San Diego nonprofit with a Transitional Storage Center, Mobile Showers, and Homeless Youth Legal and Advocacy Project, Adam Fischer, the chief of the Inland Storm Water Unit at the Santa Ana Regional Water Quality Control Board, Rev. Amanda Therese Ford, the coalition coordinator at the Environmental Justice Coalition for Water, and Angel Mayfield, a homeless advocate in Orange County and a member of the Orange County Poverty Alleviation Coalition. Due to a lack of affordable housing, Mayfield has been living on the Santa Ana Riverbed since November, though she works part-time.

Chris Brokate, founder of the Clean River Alliance, was the keynote speaker. Brokate started the nonprofit CRA with sponsorship from the Russian Riverkeeper to remove trash from the river, educate citizens about the consequences of pollution, and create more watershed clean-up events. Brokate organized a trash pickup service for people who are homeless by giving them trash bags and offering a set location where they could deliver the trash they collected each week. In eighteen months people who were homeless delivered 70,000 lbs of trash that would have otherwise been in the river, he said at the event.

BACKGROUND

The DCI Program is a component of the Proposition 1 Integrated Regional Water Management Program funding. The Bond language required ten percent of the funding in the IRWM chapter be used to ensure the involvement of disadvantaged, economically distressed, and underrepresented communities.

The SAWPA-managed DCI Program is the second in the state to start its three-year scope of work. Included are three program elements which include a total of twenty separate tasks. The Homelessness & Water Symposium was developed to reveal synergies and develop new partnerships between those seeking to manage homelessness in the watershed and those engaged with water management.

CRITICAL SUCCESS FACTORS

Active participation of a diverse group of stakeholders representing counties, cities, and water districts, as well as the private sector and the regulatory, environmental, and environmental justice communities who integrate the different interests in the watershed beyond political boundaries. Ensuring all perspectives are heard and valued.

A strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership and community engagement

RESOURCE IMPACTS

The Homelessness & Water Symposium was funded by the Disadvantaged Community Involvement Program Proposition 1 Grant via DWR, and food for the event came from Fund 373PA-18.

Attachments:

1. Homelessness & Water Symposium Handout
2. Commission Powerpoint Presentation
Disadvantaged Community Involvement (DCI) Program

Homelessness & Water Symposium Recap

OWOW Program Approach

1. Strengths and Needs Assessment
2. Education and Engagement
3. Project Development

- Disadvantaged / Tribal Community Pillar
- Technical Advisory Committee
Homelessness & Water Symposium

• In partnership with the Inland Empire Waterkeeper
• About 65 participants at 6-hour event
• June 29, 2017

Two panels, discussion, a keynote

• The State of Homelessness in the Santa Ana River Watershed
  • Eve Garrow, ACLU of SoCal
  • Damien O’Farrel, Path of Life Ministries
  • Emilio Ramirez, City of Riverside
  • Dep. Mike Jones, SB County SD
Two panels, discussion, a keynote

- **Considering a Human Right to Water**
  - Anne Rios, Think Dignity
  - Adam Fischer, Regional Board
  - Rev. Amanda Ford, EJCW
  - Angel Mayfield, Homeless advocate

- **Chris Brokate, Clean River Alliance**

---

Outcomes / Next Steps

- A report of the meeting is being drafted, will be released via SAWPA website, social media
- Multiple attendees, including at least three different city reps encouraged follow-on meetings.
- Via DCI Program additional work can be programmed, at the recommendation the DCI Program TAC and the Steering Committee.
Recommendation

- It is recommended that the Commission receive and file this summary of the Homelessness and Water Symposium, a component of the Disadvantaged Communities Involvement Program.
Welcome to the Santa Ana Watershed Project Authority’s first symposium on homelessness and water management. This convening is a starting point for relationships between people in the water and social services sectors as well as an opportunity to strengthen existing cross-sector partnerships.

About 9,000 people are homeless on a given night within Orange, Riverside, and San Bernardino counties, and many live along the Santa Ana River and its tributaries. In areas of Orange County alone, about 480 unsheltered people were counted living in the riverbed earlier this year.

People who are homeless in our watershed are an underrepresented community in water management planning. They often do not have safe and affordable access to water for drinking or sanitation and can be at risk from flooding. This symposium will be a place to learn about the challenges people who are homeless face and efforts to connect them to housing, sanitation, and water.

The good news is there are already innovative projects to address these challenges in our watershed and across the state. In Los Angeles and San Diego, nonprofits have set up mobile showers; along the Russian River, the Riverkeeper has sponsored a trash pick-up service; in Contra Costa, the flood control district produced a report on encampments with ethnographic elements; and in Marin County, agencies and residents have used a website to share information about encampments and increase coordination. These are just a few examples, and there are more efforts to discuss today.

What is the Human Right to Water?

In 2012, California became the first state to recognize that “every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes” (Assembly Bill 685). Three years later, the state also adopted a series of steps to ensure access to safe and affordable water, called the “Resilient, Affordable, Safe Drinking Water for Disadvantaged Communities Framework.” In February, the State Water Board launched a portal on the Human Right to Water, which includes information on California water systems and efforts to assist communities with contamination problems.

Despite these measures and resources, there are still many challenges in securing funding that will subsidize water rates paid by low-income individuals and in operating and maintaining drinking water systems. There is also the challenge of ensuring this right is upheld for people who cannot access water at a home or apartment and whose access to other facilities is barred.

What is the Housing First homeless assistance approach?

Housing First seeks to connect individuals and families who are homeless with permanent supportive or affordable housing without barriers to entry. Permanent supportive housing has been shown to improve outcomes and increase retention for people who are chronically homeless. The approach, which is growing in our watershed, is based on the principle that everyone can achieve housing stability and that homelessness is rooted in a housing crisis in the United States. Housing First differs in its lack of preconditions for housing, such as treatment programs or sobriety.
8–8:30 a.m. Check-in and breakfast
8:30–9 a.m. Welcome and symposium overview
9–10:15 a.m. **PANEL ONE: The State of Homelessness in the Santa Ana River Watershed**
10:15–10:45 a.m. Networking break
10:45–12 p.m. **PANEL TWO: Considering a Human Right to Water**
12–12:50 p.m. Lunch with keynote speaker
12:50–1 p.m. Closing remarks

**PANEL ONE: The State of Homelessness in the Santa Ana River Watershed**

This panel will focus on the people who live in encampments along the river and the challenges they encounter when trying to access water for drinking and sanitation. Panelists will also discuss the causes of homelessness, cross-county collaboration, and the Housing First homeless assistance approach.

**EVE GARROW** joined the ACLU of Southern California in November 2014. She is the homelessness policy analyst and advocate for the Dignity for All Project, which seeks to promote policies that prevent and reduce homelessness and end the criminalization of people who are homeless. Her work includes policy analysis, research, public education, and advocacy to advance the human right to basic needs, such as housing, water, and food and to promote policy changes that will end homelessness and increase the human dignity of all persons.

**DAMIEN O’FARRELL** is the CEO of Path of Life Ministries, the largest homeless shelter and housing provider in western Riverside County. Since 2014, he has led the organization through a growth of over 30 percent while overseeing the incubation and launch of two other nonprofit organizations. Those groups include Health to Hope Clinics, which provides free and low-cost healthcare, and Path of Life Enterprises, which provides transitional employment opportunities and served as the director of Community Development of Today’s Urban Renewal Network (TURN), where he is now a board member, and he has served in leadership positions in multiple other local community and professional organizations.

**EMILIO RAMIREZ** is the deputy director for Community and Economic Development for the City of Riverside. Ramirez is responsible for oversight of the Successor Agency, Housing Authority, Neighborhoods and Historic Preservation, Real Property Services, and Economic Development. Prior to working for the city in 2011, he spent 12 years at the County of Riverside working his way from a development specialist to assistant director, a position he held for the last four years of his tenure. Ramirez graduated from UC Riverside with a bachelor’s degree in sociology and economics. He received his Master of Science in economics from California State University, Pomona. He holds a Doctor of Jurisprudence from Whittier Law School and is an active member of the State Bar of California.

**DEPUTY SHERIFF MICHAEL JONES** started with the San Bernardino County Sheriff’s Department in 2006. In 2013, he was tasked with researching a better way for the department to deal with quality of life crimes. Working with Sheriff McMahon, the Office of the Sheriff, and the Department of Behavioral Health, a pilot program was implemented to better assist people who are homeless. In January 2014, Jones was reassigned to the Homeless Outreach and Proactive Enforcement (HOPE) team where he is part of a committee to work on a county-wide approach to assist people who are homeless, along with the Interagency Council of Homeless, SBC Homeless Youth Task Force, Homeless Veteran Planning Group, and other community boards.
ANNE RIOS joined Think Dignity in 2016 as executive director and managing attorney. She oversees the San Diego nonprofit’s Transitional Storage Center, Mobile Showers, the Homeless Youth Legal and Advocacy Project, the Legal Referral and Advocacy Clinic, and the Know Your Rights resource guide. Prior to Think Dignity, Rios represented hundreds of sexual assault, domestic violence, and elder abuse victims in positions with the San Diego Family Justice Center Foundation and the Center for Community Solutions. Rios attended UC Berkeley and the California Western School of Law. She has received the Center for Community Solutions’ Freedom Award and the State Bar of California Wiley W. Manuel Award for Pro Bono Legal Services.

ADAM FISCHER is the chief of the Inland Storm Water Unit at the Santa Ana Regional Water Quality Control Board. His unit regulates pollution in storm water runoff from construction and industrial sites and from municipal storm drain systems in western Riverside County and southwestern San Bernardino County. This pollution can include pathogens and trash from homelessness encampments. Fischer holds a bachelor’s degree in environmental science from UC Riverside, a Master of Environmental Science and Management from UC Santa Barbara’s Donald Bren School of Environmental Science and Management, and a Master of Civil Engineering from Norwich University.

REV. AMANDA THERESE FORD is the coalition coordinator at the Environmental Justice Coalition for Water, a statewide coalition of groups pushing for a community-based movement for democratic water allocation in California. In addition to being an interfaith minister, she has a master’s degree in Sustainable International Development from Brandeis University Heller School for Social Policy and Management. Ford leads the development, coordination, and implementation of EJCW’s environmental justice coalition efforts, programs, and advocacy campaigns at a statewide level, including the Human Right to Water (AB 685) implementation, pollution prevention, democratic water governance, and tribal outreach. She has worked on environmental peacebuilding and environmental justice projects in more than 20 countries.

ANGEL MAYFIELD is a homeless advocate in Orange County and a member of the Orange County Poverty Alleviation Coalition. Due to a lack of affordable housing, she has been living on the Santa Ana Riverbed since November, though she works part time for the Kroger Company and is a caregiver once a week. She is also the administrator of the Santa Ana Riverbed Roundtable, an organization for people living on the riverbed to discuss issues, plans, and actions for the welfare of the community. As an advocate she has called for more services and resources, including affordable and sustainable housing, for people who are homeless.

CHRIS BROKATE, founder of the Clean River Alliance (CRA), started volunteering for the Russian Riverkeeper in 2009 and was named the Volunteer of the Year in 2010. In late 2014, he noticed the devastating effects of pollution in the Russian River Watershed and on beaches after heavy rains. In response, Brokate held his first beach clean-up and started thinking about ways to hold more similar events. With sponsorship from the Russian Riverkeeper, he started the nonprofit CRA to remove trash from the river, educate citizens about the consequences of pollution, and create more watershed clean-up events. Brokate has also owned a cleaning business, having been a green janitor for over 27 years, earning the Green Business of the Year award from the Sebastopol Chamber of Commerce.
The Santa Ana Watershed Project Authority (SAWPA) and the Inland Empire Waterkeeper collaborated to host this symposium as part of SAWPA’s Disadvantaged Communities Involvement Program, funded by a Proposition 1 grant administered by Department of Water Resources. SAWPA conducts the One Water One Watershed Plan for a region that includes more than six million people and spans across Riverside, Orange, and San Bernardino counties. SAWPA coordinates with planners, engineers, community members, and government agencies to develop creative solutions to water management issues. The joint-powers authority is commissioned by five water agencies: Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley Municipal Water District, and Western Municipal Water District.

The Inland Empire Waterkeeper protects the quality of the waters in the upper Santa Ana River Watershed through community advocacy, education, enforcement, and restoration. The nonprofit is the inland chapter of the Orange County Coastkeeper.

**Mike Antos** is a senior watershed manager for the Santa Ana Watershed Project Authority, facilitating the One Water One Watershed program and leading engagement with members of disadvantaged communities for ongoing and future water management. He holds a PhD in geography from UCLA, where he remains a member of the Water Resources Group of the Institute of the Environment and Sustainability. Antos serves as co-chair of the American Water Resources Association Integrated Water Resources Management technical committee and sits on the Technical Advisory Council of California’s Integrated Climate Adaptation and Resilience Program.

**Megan Brousseau** is an associate director of the Inland Empire Waterkeeper. Megan is responsible for the day-to-day operation of the organization, including all programs under Waterkeeper’s five pillars: advocacy, education, research, restoration, and enforcement. Brousseau, a lifelong Riverside resident, has a comprehensive background in administration, managing nature and science education venues and developing science education programs. She works on projects to increase community livability and sustainability in the Inland Empire, from fundraising for nonprofits to the development of Southern California’s largest family nature club. Her academic background is in environmental studies with a degree in zoology.

**Contact Us**

**Mike Antos**
Senior Watershed Manager
11615 Sterling Ave.
Riverside, CA 92503
(951) 354-4238
mantos@sawpa.org
www.sawpa.org

**Megan Brousseau**
Associate Director
6876 Indiana Ave., Suite D
Riverside, CA 92506
(951) 530-8823
megan@iewaterkeeper.org
www.iewaterkeeper.org
Proposition 50, 84 and Prop 1 IRWM

- SAWPA is the State accepted IRWM group for future IRWM work in the watershed

- Successful project grants from Prop 50, Round 1, 2, Drought Round and 2015 Round under DWR’s IRWM implementation program.

- SAWPA will be responsible for all audits and review of implemented Prop 50, Prop 84 and Prop 1 projects for 10 years after project completion.

Benefits:
- $25 million – total from Prop 50
- $114 million – total from Prop 84
- $63 million – total from Prop 1
IRWM Funding Areas of Prop 1

Available Prop 1 IRWM Funding

<table>
<thead>
<tr>
<th>Funding Areas</th>
<th>P1 Allocation</th>
<th>2% Bond Admin</th>
<th>5% Program Delivery</th>
<th>10% DAC Involvement</th>
<th>10% DAC Projects</th>
<th>Remaining*</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Coast</td>
<td>$26,500,000</td>
<td>$530,000</td>
<td>$1,325,000</td>
<td>$2,650,000</td>
<td>$2,650,000</td>
<td>$19,345,000</td>
</tr>
<tr>
<td>San Francisco Bay Area</td>
<td>$65,000,000</td>
<td>$1,300,000</td>
<td>$3,250,000</td>
<td>$6,500,000</td>
<td>$6,500,000</td>
<td>$47,450,000</td>
</tr>
<tr>
<td>Central Coast</td>
<td>$43,000,000</td>
<td>$860,000</td>
<td>$2,150,000</td>
<td>$4,300,000</td>
<td>$4,300,000</td>
<td>$31,390,000</td>
</tr>
<tr>
<td>Los Angeles</td>
<td>$98,000,000</td>
<td>$1,960,000</td>
<td>$4,900,000</td>
<td>$9,800,000</td>
<td>$9,800,000</td>
<td>$75,540,000</td>
</tr>
<tr>
<td>Santa Ana</td>
<td>$63,000,000</td>
<td>$1,260,000</td>
<td>$3,150,000</td>
<td>$6,300,000</td>
<td>$6,300,000</td>
<td>$45,990,000</td>
</tr>
<tr>
<td>San Diego</td>
<td>$52,500,000</td>
<td>$1,050,000</td>
<td>$2,625,000</td>
<td>$5,250,000</td>
<td>$5,250,000</td>
<td>$38,325,000</td>
</tr>
<tr>
<td>Sacramento River</td>
<td>$37,000,000</td>
<td>$740,000</td>
<td>$1,850,000</td>
<td>$3,700,000</td>
<td>$3,700,000</td>
<td>$27,010,000</td>
</tr>
<tr>
<td>San Joaquin River</td>
<td>$31,000,000</td>
<td>$620,000</td>
<td>$1,550,000</td>
<td>$3,100,000</td>
<td>$3,100,000</td>
<td>$22,630,000</td>
</tr>
<tr>
<td>Tulare/Kern</td>
<td>$34,000,000</td>
<td>$680,000</td>
<td>$1,700,000</td>
<td>$3,400,000</td>
<td>$3,400,000</td>
<td>$24,820,000</td>
</tr>
<tr>
<td>North/South Lahontan</td>
<td>$24,500,000</td>
<td>$490,000</td>
<td>$1,225,000</td>
<td>$2,450,000</td>
<td>$2,450,000</td>
<td>$17,885,000</td>
</tr>
<tr>
<td>Colorado River</td>
<td>$22,500,000</td>
<td>$450,000</td>
<td>$1,125,000</td>
<td>$2,250,000</td>
<td>$2,250,000</td>
<td>$16,425,000</td>
</tr>
<tr>
<td>Mountain Counties</td>
<td>$13,000,000</td>
<td>$260,000</td>
<td>$650,000</td>
<td>$1,300,000</td>
<td>$1,300,000</td>
<td>$9,490,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$510,000,000</strong></td>
<td><strong>$10,200,000</strong></td>
<td><strong>$25,500,000</strong></td>
<td><strong>$51,000,000</strong></td>
<td><strong>$51,000,000</strong></td>
<td><strong>$372,300,000</strong></td>
</tr>
</tbody>
</table>

*Remaining Statewide Funding:
- Planning Solicitation: $5,000,000
- Implementation Solicitations: $387,300,000
- **Total:** $392,300,000
Prop 1 Grant Funding continues

- **Future OWOW grant applications**
  - 2018-19 1st Round Implementation
    - Projects - $23 million and DAC projects - $6.3 million
  - 2020-21 2nd Round Implementation
    - projects - $23 million

**SAWPA Next Steps:**
- Continue OWOW goals and objectives
- Continue support for multi-benefit, collaborative watershed-scale projects
- Expand support to DACs and economically stressed areas
- Update OWOW Plan to new IRWM Plan Standards

---

**Schedule - Future Prop 1 IRWM and related grants**

<table>
<thead>
<tr>
<th>Program</th>
<th>Apps Due</th>
<th>Final Awards</th>
<th>Execute Agreements</th>
<th>Program Close Out</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 Implementation &amp; DAC Projects</td>
<td>Spring 2018</td>
<td>Summer 2018</td>
<td>Fall 2018</td>
<td>Spring 2022</td>
</tr>
<tr>
<td>2020 Implementation</td>
<td>Spring 2020</td>
<td>Summer 2020</td>
<td>Fall 2020</td>
<td>Spring 2024</td>
</tr>
<tr>
<td>Counties w/stressed basins</td>
<td>Dec. 2015</td>
<td>Mar. 2016</td>
<td></td>
<td>Summer 2018</td>
</tr>
<tr>
<td>SGWP &amp; SDAC</td>
<td>Fall 2017</td>
<td>Early 2018</td>
<td></td>
<td>2020/2022</td>
</tr>
</tbody>
</table>

SGWP – Sustainable Groundwater Plan  
SDAC - Severely Disadvantaged Communities
Prop 1 Implementation Eligible Projects

Included, but not limited to:
• Decision support tools
• Conjunctive use
• Improvement of water quality
• Storm water resource management
• Surface and underground water storage
• Water conveyance facilities
• Water desalination projects
• Water reuse and recycling
• Water-use efficiency and water conservation
• Watershed protection, restoration, and management projects

Prop 1 Requirements Eligible Applicants to SAWPA OWOW & Funding Match

• Public Agencies
• Non-profit Organizations
• Public Utilities
• Federally Recognized Indian Tribes
• California Native American Tribes
• Mutual Water Companies

Non-State cost share not less than 50% of total project cost
• May be waived for certain projects benefiting Disadvantaged Communities and Economically Distressed Areas
Prop 1 Requirements (Cont.)

• Projects must be included in IRWM Plan (OWOW Plan) and:
  • Respond to climate change and
  • Contribute to regional water security (water supply reliability)

• Projects will address the most critical statewide needs and priorities for public funding

• Priority will be given to projects that leverage non-State funding or produce greatest public benefit

• Special consideration for projects that:
  • Achieve multiple benefits
  • Employ new or innovative technology or practices

DWR Principles for Change in Process

• Improve engagement between DWR and the IRWM regions to discuss how proposed projects will help the region and the Funding Area manage water more sustainably

• Give DWR an opportunity to seek clarification on projects in an application

• Give DWR the ability to only fund projects in a proposal that address the most critical needs within a Funding Area

• Maintain competition in the process

• Ensure projects developed through DACI Program have greatest chance to receive Implementation Grant Funding
DWR Proposed New Approach – Step 1A

- DWR will hold a public meeting in each of the 12 Funding Areas to:
  - Present the expectations of the grant application
  - Describe what it believes to be the Funding Area’s greatest needs
  - Solicit input from the Funding Area to hear what it believes the greatest need of the Funding Area to be
- DWR will summarize the list of needs and publish for public comment
- Publish finalized list

DWR Proposed New Approach – Step 1B

- Each applicant, on behalf of its IRWM Region, submits a proposal with a suite of projects that require 150% of the maximum grant request
- Application will be brief and include project description to explain how proposed projects address needs of IRWM region and Funding Area, including benefits; schedule; and budget estimate
- DWR will perform a preliminary evaluation of the proposal using the criteria included in the PSP and a review of IRWM plans
- DWR will also formulate a list of questions about the proposal to submit to the applicant before Step 2
DWR Proposed New Approach – Step 2

- Applicant representatives will meet with DWR to:
  - Justify the benefits claimed for each project and explain how they meet the Funding Area’s greatest needs
  - Give DWR the opportunity to have its list of questions answered
- DWR will then finalize its evaluation of the projects and determine which projects of each application should be funded, if any

SAWPA Comments to DWR

- Concern with DWR bypassing and not acknowledging local IRWM governance and plan (*Top down approach*)
- Two step grant process creates additional grant preparation costs and delays
- Funding Area needs are defined in OWOW Plan
- DWR outreach and coordination with local IRWM is encouraged
- Support for innovative “integrated” pilot projects is encouraged
Proposed Solicitation Schedule

- At least Two Rounds
- Round 1 Draft Proposal Solicitation
  Package to be released in late Fall 2017
- Applications due Spring 2018
- Round 2 – 2020

Questions?
COMMISSION MEMORANDUM NO. 2017.109

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: Draft DWR Proposition 1 Round 1 Implementation Grant Process

PREPARED BY: Mark R. Norton, Water Resources & Planning Manager

RECOMMENDATION
Receive and file information regarding the draft Proposition 1 IRWM Round 1 Implementation Grant Program proposed by DWR.

DISCUSSION
On November 4th 2014, Proposition 1 Water Quality, Supply and Infrastructure Improvement Act of 2014 was passed by the voters of California. The water bond provides funding, $7.545 billion, for water recycling, stormwater capture, water conservation, integrated regional water management, groundwater sustainability and cleanup, watershed protection and ecosystem restoration, flood management, drinking water and clean water programs, and new water storage projects.

One of the key benefits of the new water bond to the Santa Ana River Watershed is the inclusion of $810 million for Integrated Regional Water Management Program projects of which $63 million of that total is directed to the Santa Ana Region Funding Area administered by SAWPA. So far, the first portion of the IRWM funding defined for Disadvantaged Community Involvement (DCI) has been made available and SAWPA has contracted with DWR for that effort. The DCI grant provides $6.3 million over three years. SAWPA was also successful in receiving $250,000 in a competitive grant fund for IRWM plan (OWOW Plan) updates. The competitive grant fund was separate from the $63 million designated to the Santa Ana Watershed.

Recently DWR staff has begun the process to conduct outreach with IRWM regions across the State about their draft plan to release the next round of IRWM funding. From the $63 million dedicated to the Santa Ana Funding Area, approximately $1.26 million has been dedicated to State costs for Bond administration (2%) and $3.15 million for program delivery (5%). $6.3 million or 10% of the overall allocation has been designated for disadvantaged community involvement and $6.3 million or 10% of the overall allocation is to be dedicated to disadvantaged community projects. The remaining $45,990,000 is dedicated to IRWM implementation projects. The State anticipates releasing two rounds of IRWM grant funding in 2018 and 2020.

The 1st round of IRWM grant funding will be defined under a draft application form called a Proposal Solicitation Package or PSP. This draft is to be released in the Fall of 2017 by DWR. The deadline for the first round grant PSP submittal by the grant application, SAWPA, would be the Spring of 2018. Final awards would be announced by DWR in the summer of 2020 and agreements between DWR and the agencies would occur by the Fall of 2018.

DWR has reviewed the authorizing legislation for the Proposition 1 IRWM grant program and have developed a draft grant process for the first IRWM implementation round. The principles changes in this process compared to the past Proposition 84 IRWM implementation rounds are as follows:
• Improved engagement between DWR and the IRWM regions to discuss how proposed projects will help the region and the Funding Area manage water more sustainably
• Give DWR more opportunity to seek clarification on projects in application
• Give DWR the ability to only fund projects in a proposal that address the critical needs within a Funding Area
• Maintains competition in the process
• Ensures projects developed through DACI Program have the greatest chance to receive Implementation Grant Funding

The proposed IRWM grant application would be covered under a proposed two-step process with the first step broken into two parts. Step 1A would involve a series of public meetings with the 12 Funding Areas to present the expectations of the grant application, describe what DWR believes to be the Funding Area’s greatest needs and solicit input from the Funding Area to hear what it believes the greatest need of the Funding area to be. Thereafter DWR would summarize the list of needs in a published list. Step 1B would entail asking each applicant, on behalf of its IRWM Region, to submit a proposal with a suite of projects that require 150% of the maximum grant request. The application would be brief and include only: eligibility requirements; project description with an explanation of how proposed projects will address needs of IRWM region and Funding Area, including anticipated benefits; a tentative schedule; and a high level budget estimate. DWR will perform a preliminary evaluation of the proposal using the criteria included in the PSP and a review of IRWM plans. DWR will also formulate a list of questions about the proposal to submit to the applicant before Step 2.

Under Step 2, DWR’s approach would be to meet with applicant representatives to ask them to justify the benefits claimed for each project and explain how they meet the Funding Area’s greatest needs. This would give DWR the opportunity to have a list of questions answer. DWR then would finalize its evaluation of the projects and determine which projects of each application should be funded, if any.

SAWPA has reviewed this approach in detail and prepared a comment letter as shown in the attached. In summary, SAWPA expressed concern that this approach bypasses local IRWM governance (OWOW) and OWOW plan and is reflective of a DWR top down approach. The two step grant process also appears to create additional grant preparation costs and delays. For the Santa Ana Funding Area, the funding needs have already been defined in our OWOW Plan. SAWPA also emphasized the need to reflect Prop 1 legislation that supports watershed approaches and innovative “integrated” pilot projects. SAWPA does support DWR’s emphasis in conducting more outreach and coordination with local IRWMs.

SAWPA staff informed the OWOW Steering Committee of this latest status and they encouraged additional letters from OWOW stakeholders and participation by the OWOW leadership in reaching out to DWR staff of the importance of addressing SAWPA’s comments and concerns about the Draft DWR Prop 1 IRWM Implementation grant program. The next meeting of the Roundtable of Regions with the DWR IRWM staff is scheduled for August 31st in the Los Angeles area. Details on the meeting are not yet set up.

CRITICAL SUCCESS FACTORS

Continued support from SAWPA Commission of OWOW Steering Committee’s decision making authority as a means of ensuring trust, transparency, and external communications.
Active participation of a diverse group of stakeholders representing counties, cities, and water districts, as well as the private sector and the regulatory, environmental, and environmental justice communities who integrate the different interests in the watershed beyond political boundaries. Ensuring all perspectives are heard and valued.

OWOW criteria and values are transparent to watershed-wide stakeholders.

A strong reputation and sufficient capacity within SAWPA staff for strategic facilitation, planning, communication, leadership and community engagement.

Administration of the OWOW process and plan in a highly efficient and cost-effective manner. Successful implementation of an integrated regional water resource plan that reflects the watershed management needs of the public and the environment.

Annual review the accomplishments and implementation performance of the plan with the Commission and the Steering Committee.

**RESOURCE IMPACTS**

OWOW Plan Update 2018 and response to OWOW grant applications to DWR solicitations are supported by Fund 373. Funding has been included in the SAWPA Budget FYE 2018 and 2019 which has not yet been approved by the SAWPA member agencies.

**Attachment:**

1. SAWPA Letter to DWR
June 19, 2017

Mr. Zaffar Eusuff
Program Manager
California Department of Water Resources
Division of Integrated Regional Water Management
Financial Assistance Branch
Post Office Box 942836
Sacramento, CA 94236

Subject: Proposition 1 IRWM Implementation Grant Program

Dear Mr. Eusuff:

We appreciate the opportunity to provide comments on the Proposition 1 Integrated Regional Water Management (IRWM) Implementation Grant program. We are hopeful that you find these comments helpful from the Santa Ana Watershed Project Authority, SAWPA, the regional water management group for the Santa Ana IRWM region and funding area.

1) Local IRWM Governance

In review of the concerns with past IRWM implementation processes, a frequent theme in DWR’s approach is to “Give DWR” the role of better managing and directing the project selection process. This approach goes counter to purpose of IRWM region establishment and the IRWM Plan guidelines description of IRWM Governance, Project Review Process, Technical Analysis and Coordination. The original intent of establishing IRWM regions was to provide more local/regional decision making and control over water infrastructure needs since their local/regional needs and proposed solutions are far better understood by local agencies rather than by the top down approach of a single State agency. It is the IRWM governance responsibility to “identify projects that will be necessary to implement the IRWM Plan and identify projects that may qualify for a specific funding source”, are consistent with the local IRWM Plan, address the most critical needs, provide multiple benefits, and help to achieve DWR’s program preferences - not for DWR now to ignore the IRWM planning and project selection review process for future grant funding and then second guess these findings.

As stated Water Code §79742(a), “In selecting among proposed projects in a watershed, the scope of the adopted integrated regional water management plan may be considered by the administering state agency, with priority going to projects in plans that cover a greater portion of the watershed. If a plan covers substantially
all of the watershed, the plan’s project priorities shall be given deference if the project and plan otherwise meet the requirements of this division and the Integrated Regional Water Management Planning Act (Part 2.2 (commencing with Section 10530) of Division 6)."

It is understood that some past project grant applications submitted to DWR under Prop 84 may have been considered by the State as having limited statewide benefits, were not consistent with the goals and objectives of the local IRWM plan or inadequately justified. However, it is important to recognize that projects are submitted as a suite of projects as an overall IRWM grant submittal and individual projects in these situations are unlikely to have statewide benefits on their own. SAWPA agrees engagement and dialogue by DWR staff with the local IRWM governance and staff would enhance understanding and needs to take place by DWR staff before making decisions on what IRWM projects and programs to fund.

2) **Two Step Application Approach**
SAWPA believes the proposed two step approach for funding creates further layers of bureaucracy, further delays in grant funding outlays and undue local grant preparation costs and is not recommended. Streamlining the grant application process and deferring to local IRWM planning and governance should be the abiding principles by which DWR undertakes Prop 1 IRWM Implementation grant funding.

Step 1A proposes holding public workshops to request a list of needs by funding area. The listing of needs requirement runs counter to and duplicates the requirements under local IRWM planning effort wherein each IRWM region selects projects that best meet their IRWM region’s needs. This concern particularly applies to two Funding Areas that have only one IRWM region in their Funding Area and would have to then unnecessarily repeat their local IRWM planning. For other Funding Areas, this action seems unfair since DWR has previously made the decision to recognize and accept through their Region Acceptance Process, 48 different IRWM regions with each having their own governance. To now request a list of funding needs by Funding Area in essence appears to be backtracking on that decision to recognize these separate IRWM regions. If DWR is interested in fewer responses or only responses by Funding Area, then DWR may wish to create a new system to incentivize IRWM regions to merge or combine efforts by a mutual funding allocation agreement as some IRWM regions have done within a single Funding Area. Further, we encourage incentives for merging to occur on a watershed or large basin basis in accordance with the Jan 2017 DWR Update: Strategic Planning to Achieve Sustainable Water Resources Management in California’s Regions excerpted below.
“The Strategic Plan boldly proposes a gradual evolution towards "river basin" hydrologically-based boundaries to become the new primary point of interface between State and local agencies for governance, financing and regulatory reform. These areas would not necessarily replace existing smaller-scale IRWM or other institutional boundaries, but would evolve from and encompass them and provide a more effective means of State-to-local interaction over time.”

Additionally, as stated on the DWR IRWM Prop 1 website that the Proposition 1 IRWM Grant Program provides funding for projects that help meet the long term water needs of the state, including:

“Providing incentives throughout each watershed to collaborate in managing the region's water resources and setting regional priorities for water infrastructure.”

This passage reflects the watershed approach as defined under Water Code 79742(a) as previously indicated.

Step 1B and Step 2 grant process proposed suggests the unnecessary step of submitting a suite of projects of 150% of the maximum grant amount which in turn would then be evaluated by DWR staff for their final determination of funding. Again, this approach totally overrides, ignores and second guesses the local IRWM project selection process that should take precedence. This is not a project-by-project grant program. This is a programmatic funding program that supports local decision making. We recommend that that two-step process be entirely eliminated by DWR. We believe that deferring to the local IRWM region governance to assess projects would be an effective way to expedite the grant funding process.

Though no mention is made in DWR’s approach, we recommend the entire elimination of a statewide scoring process by IRWM region to make funding decisions since this thwarts the intent of Prop 1 as it did for Prop 84. We recommend that negotiated discussions and assigning a Pass/Fail approach for each application similar to how DWR evaluated the IRWM plans for acceptance under IRWM Plan Guidelines better respects local IRWM governance. Further, the Pass/Fail approach would simplify the screening process by DWR for eligibility and completeness and save several IRWM regions as well as DWR time and money. If DWR scoring must take place, scoring should only apply to those Funding Areas that continue to have multiple IRWM regions who have not worked out agreements on implementation. Scoring should not apply to Funding Areas with one IRWM or to Funding Areas who have reached agreements among IRWMs on the best interregional use of the funding.
3) **Consideration of Innovation.** Under previous workshops with the Roundtable of Regions and DWR, DWR requested feedback on the following requirement under Chapter 4 of Proposition 1 (CWC 79707) which states:

“Special consideration will be given to projects that **employ new or innovative technology or practices**, including decision support tools that support the integration of multiple jurisdictions, including, but not limited to, water supply, flood control, land use, and sanitation.”

We are concerned that this provision is no longer mentioned or addressed in DWR’s proposed Prop 1 IRWM Implementation grant approach. As part of an IRWM region’s long term water resource management, IRWM regions should be considering these types of projects and seek to support them with grant funding to implement even with expedited time schedules. We recommend that DWR include text to encourage this. In consideration of new or innovative technology or practices, we recommend support for pilot projects that seek initial grant funding to prove out broader larger scale implementation in the future. Another type of innovative practice that we strongly recommend is support for projects that are truly integrated, multi-benefit, multi-jurisdictional and reflect a hydrologic system benefit approach. So often, many past IRWM submittals appear to be a compilation or stapling of diverse projects that as a portfolio projects claim to be integrated or multi-benefit. That was not the intent of IRWM nor the focus on integration and the synergy of benefits that arise when multiple agencies work together to achieve a mutually beneficial project that leverages scarce resources and maximizes the use of grant dollars for the benefit of the State and local IRWM region. Though this approach has been practiced to varying degrees in a few IRWM areas, incentives and preference for innovation should be given to these types of projects.

4) **Terminology**
In review of the approach and in recent conference call discussions, we also wish to share the following questions and concerns regarding terminology and their meaning.

- We encourage a shift away from describing the acronym “DAC” as “DACK”. Even worse was “DACKY” that cropped up during the last conference call. Taking care with words and acronym with communities is key to avoid ostracization and a “we” vs “them” mentality. See the Greater Los Angeles County’s Disadvantaged Community Outreach Evaluation Study referenced in the 2016 IRWM Plan Guidelines.
• Eligible Projects “Included, but not limited to” suggests that there is room for regions to make local decisions to pursue a wide diversity of projects. This needs to be confirmed, and adhered to in the grant management process.
• The suggestion that local planning and decision-making must produce projects that address the “most critical statewide needs” is problematic. At its core IRWM Program suggests that the diversity of communities and geography in California precludes an effective “one size fits all” approach, and instead developed a structure where local decision-making was to be supported with state support. In this way, as each region improves its local conditions, the whole state improves. The language requiring local projects meet critical statewide needs will diminish the program’s effectiveness, and very likely will reinforce business-as-usual rather than prompting innovation and collaboration.
• “Limited statewide benefits” may not be an appropriate claim to make about IRWM projects. They were never intended, at the project scale, to provide statewide benefits. The whole program should sum to statewide benefits. We cannot place that burden on each project.
• “Ensuring that projects developed under the disadvantaged community involvement program have the greatest chance to receive funding” is an important goal. However, using a veto pen on proposals isn’t the way to do it. Disadvantaged community needs as other needs will be addressed in the IRWM plans and reflect where the region has gathered to produce local goals, needs, and strategies to achieve these goals. We encourage flexibility in how disadvantaged community set-aside dollars for implementation. It would be great to have a region say “we want it all up front, our process is strong and we have needs”, or “we want it all later, we are still working through our planning process”

We hope that you find these comments helpful. If you have any questions regarding these comments, please let us know.

Sincerely,

[Signature]

Celeste Cantu
General Manager
COMMISSION MEMORANDUM NO. 2017.110

DATE: August 15, 2017

TO: SAWPA Commission

SUBJECT: OWOW Plan Update 2018 Status

PREPARED BY: Mike Antos, Senior Watershed Manager

RECOMMENDATION
It is recommended that the Commission receive and file this staff report.

DISCUSSION

The OWOW Plan Update 2018 is being conducted by the OWOW Pillars, ten stakeholder workgroups chaired by volunteer stakeholders (among them the member agency GMs), facilitated by the SAWPA Planning Department. Each Pillar is working separately, together in small groups as-needed, and every-other month together at one Pillar Integration Meeting.

The June 27 OWOW Steering Committee meeting reviewed the OWOW Goals & Objectives following contributions by participants at the May OWOW Conference. Mark Norton provided the meeting an update of early information from Department of Water Resources about the Proposition 1 implementation grants, expected in 2018. At this meeting the OWOW Steering Committee requested that these monthly memos to the SAWPA Commission about progress also be shared with the Steering Committee members.

During the past two months, the Pillars have also completed a worksheet provided to each Pillar, asking that they consider how each Pillar overlaps with each other Pillar. These are still being submitted to SAWPA, and once complete will provide an important tool for understanding and improving integration among both the Pillars and the water and land management agencies and organizations.

Below are specific updates from the ten Pillars, in alphabetical order, as of August 3, 2017:

Beneficial Use Assurance
This pillar met via teleconference on July 13th. The group reviewed the Draft Goals and Objectives for OWOW 2018 and Pillar Integration Worksheet (handouts from SAWPA). Any recommendations received from Mr. Woodside will be passed on to SAWPA staff. Next the group discussed potential sources of data and work tasks to be completed to address the chapter update.

Climate Change Response Pillar
The second CCR Pillar meeting occurred in June, where the group discussed the integration worksheet and the proposed goals and objectives. The group also reviewed the existing chapter outline, and agreed to use a dropbox to share comments on the existing chapter. A next meeting will be scheduled to consider contributions from participants, and to develop a system for assuring the many required climate change items are handled to assure compliance with the 2016 Plan Standards.
Land Use and Water Planning
The Pillar had their second meeting on July 19. The focus was on updating the goals and the linkages between the other pillars using the worksheets provided by SAWPA. The Chair will disseminate notes from the kick off meeting to the group and possibly suggest the formation of sub-workgroups to accomplish the tasks of the chapter update.

Data Management & Monitoring
The Pillar Delegate, Elizabeth Hurst has worked to assemble a workgroup for this new pillar, and is scheduling a kick-off meeting in August.

Disadvantaged and Tribal Communities Pillar
This Pillar met on July 25, and together decided to rename the pillar to Disadvantaged Communities and Tribal Communities Pillar, and to institute two workgroups within the Pillar to tackle two separate chapters, one for Disadvantaged Communities, and one for Tribal Communities. This decision was grounded in the experience of many participants that grouping disadvantaged and tribal communities often is perceived as inappropriate by both groups. The workgroup reviewed the draft outlines for the two chapters, and agreed that by the next meeting outlines will be finalized, and a consensus vote of the group will be taken to lock them in. Participants have agreed to take ownership and begin writing sections of the chapters.

Integrated Stormwater Management Pillar
This pillar postponed its planned July meeting for logistical reasons. Pillar Delegate Stuart McKibbin is finalizing the chapter outline, and has received volunteer commitments from participants for authorship.

Natural Resources Stewardship
The Pillar held their second meeting on July 27. The goals we discussed, comments were documented, and members of the Pillar provided their edits and comments to Mike. Updates to the chapter itself have already begun to been sent to the Pillar Chair.

Water Recycling
The Pillar Delegate, Kelley Gage is preparing recycled water production/future projections tables to be distributed to agencies, along with a request to provide an update on current projects and potential new projects.

Water Resource Optimization
The Pillar had its kick off meeting on July 6 and plans to coordinate throughout the chapter update process with the Integrated Stormwater Management pillar and the Water Recycling Pillar, as well as form a closer linkage with the Water Use Efficiency and Beneficial Use Assurance Pillars. The watershed wide water demand and supply analysis that was incorporated into the 2013 OWOW 2.0 Plan was discussed and it was decided that the analysis would be updated to project supply and demand out to 2040. The 2040 planning horizon also falls in line with the Proposition 1 requirements that require a 20-year planning horizon.

Water Use Efficiency
WMWD and SAWPA are working to schedule the kick off meeting.
CRITICAL SUCCESS FACTORS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Continued support from SAWPA commission of OWOW Steering Committee’s decision making authority as a means of ensuring trust, transparency, and external communications.</td>
</tr>
<tr>
<td>2.</td>
<td>Active participation of a diverse group of stakeholders representing counties, cities, and water districts, as well as the private sector and the regulatory, environmental, and environmental justice communities who integrate the different interests in the watershed beyond political boundaries. Ensuring all perspectives are heard and valued.</td>
</tr>
</tbody>
</table>

RESOURCE IMPACTS

The OWOW Plan Update 2018 is supported by Fund 373, and a Department of Water Resources IRWM Planning Grant.

ATTACHMENT

1. OWOW Plan Update 2018 and Prop 1 IRWM Grant Timelines
## OWOW Plan Update 2018 Timeline

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-02</td>
<td>Pillar Integration Meeting – Plan Update Kickoff</td>
</tr>
<tr>
<td>2017-03</td>
<td>Pillar Workgroups begin meetings for plan update</td>
</tr>
<tr>
<td>2017-05</td>
<td>OWOW Conference</td>
</tr>
<tr>
<td>2017-07</td>
<td>OWOW Steering Committee workshop for updated draft Goals &amp; Objectives</td>
</tr>
<tr>
<td>2017-08</td>
<td>General chapters begin update</td>
</tr>
<tr>
<td>2017-11</td>
<td>Draft Pillar Chapters due / shared</td>
</tr>
<tr>
<td>2018-01</td>
<td>Draft General Chapters due / shared</td>
</tr>
<tr>
<td>2018-04</td>
<td>Final Pillar Chapters due / incorporated</td>
</tr>
<tr>
<td>2018-06</td>
<td>OWOW Plan Update 2018 Draft assembled, shared</td>
</tr>
<tr>
<td>2018-09</td>
<td>OWOW Plan Update 2018 adopted by OWOW Steering Committee, SAWPA Commission</td>
</tr>
</tbody>
</table>

## Proposition 1 IRWM Grants Timelines

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-07</td>
<td>OWOW Steering Committee sets project eligibility criteria</td>
</tr>
<tr>
<td>2017-05</td>
<td>Disadvantaged Communities Involvement Grant executed by DWR &amp; SAWPA</td>
</tr>
<tr>
<td>2017-05</td>
<td>CA DWR releases draft documents describing implementation grant rounds</td>
</tr>
<tr>
<td>2017-07</td>
<td>IRWM Planning Grant executed by DWR &amp; SAWPA</td>
</tr>
<tr>
<td>2017-08</td>
<td>Pillars Integration Stakeholder Meeting focuses on critically needed projects &amp; programs</td>
</tr>
<tr>
<td>2017-08</td>
<td>Encouragement to watershed stakeholders to begin developing collaborative project concepts</td>
</tr>
<tr>
<td>2017-10</td>
<td>DWR releases for comments the draft Project Solicitation Package (PSP), lays out requirements for implementation grants</td>
</tr>
<tr>
<td>2018-02</td>
<td>DWR releases final PSP (expected to be about $20M available to OWOW region)</td>
</tr>
<tr>
<td>2018-06</td>
<td>Implementation Grant Requests due to DWR</td>
</tr>
<tr>
<td>2018-09</td>
<td>Implementation Grant Awarded</td>
</tr>
</tbody>
</table>
## PROJECT DESCRIPTION

### OWOW

**Integrated Planning Process for the Santa Ana River Watershed**

- Seven of the ten Pillars have begun meeting to complete chapter updates. The three others are scheduled to meet in the next quarter.
- Routine Pillar Integration and OWOW Steering Committee Meetings are underway, supporting the OWOW Plan Update 2018.
- The IRWM Planning Grant agreement has been slow to be developed by the Department of Water Resources (DWR), with long response times from the DWR staff assigned.
- During the period the OWOW conference was held at Ontario Convention Center on May 25, 2017. Most of the SAWPA staff and all the SAWPA Planning staff played a role in helping the conferenced logistics and panel sessions.
- Mark & Mike are engaged with the IRWM Roundtable of Regions, which brings statewide collaboration on grant administration challenges, IRWM policy, and interaction with DWR about IRWM and the upcoming PSP for Prop 1 implementation.

<table>
<thead>
<tr>
<th>TASKS/DEADLINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finalize and execute the OWOW Plan Update 2018 Planning Grant.</td>
</tr>
<tr>
<td>Begin preparing SAWPA and the regional stakeholders for upcoming Prop 1 implementation grants.</td>
</tr>
<tr>
<td>Reinvigorate Pillar activity to assure OWOW Plan Update 2018 is successful in the available time.</td>
</tr>
<tr>
<td>Begin updating SAWPA database for implementation project submission based on draft PSP expected in the next quarter from DWR.</td>
</tr>
</tbody>
</table>

**FUTURE MEETING DATES**

| 8-24-17 Pillar Integration Workshop |
| 9-28-17 OWOW Steering Committee |
| 10-26-17 Pillar Integration Workshop |

### Disadvantaged Community Involvement (DCI) Program

- During the period the DCI Program grant was awarded by DWR, and subagreements were distributed to the partners for execution.
- On June 29th the Homelessness & Water Symposium was carried out as a component of the program.
- Amanda Schallert and Paul Caporaso, our CivicSpark Water Fellows, have been working to develop the Community Water Internship program with the California State University as a component of this program.
- Matthew Shubin who is at SAWPA as the GIS intern is supporting the program with his masters’ thesis research at CSU Fullerton, performing spatial analysis for community identification in the watershed.

<table>
<thead>
<tr>
<th>TASKS/DEADLINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finalize subagreements with all partners</td>
</tr>
<tr>
<td>Facilitate the start of Strengths &amp; Needs Assessment by all partners</td>
</tr>
<tr>
<td>Seek approval to include UCI as a funded program partner</td>
</tr>
<tr>
<td>Provide briefings to SAWPA Commission and OWOW SC about the Homelessness &amp; Water Symposium outcomes and next steps</td>
</tr>
</tbody>
</table>

**FUTURE MEETING DATES**

| 8-15-17 SAWPA Commission |

### Emergency Drought Grant Program Implementation

**Region-wide water demand reduction program for the Santa Ana River Watershed through the Project Agreement (PA) 22 Committee**

- The PA22 Committee met on April 27, 2017 and June 22, 2017.
- Staff continues to work on outreach to retail water agencies to promote the OmniEarth/Dropcountr conservation outreach tool portion of the Emergency Drought Grant Program. As of April, eleven agencies have signed up for this tool and are in different stages of implementing it in order to encourage their customers to conserve water.
- SAWPA staff worked on a new scope of work for geocoding water meters and assigning North American Industry Classification System to select meters in order to support retail water agencies comply with the

<table>
<thead>
<tr>
<th>TASKS/DEADLINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff will work with the 9 agencies who have accepted for funding for conservation-based rates; some of the agencies have requested moving the deadline to July 2018 to finalize rate implementation.</td>
</tr>
<tr>
<td>Present the RFP results for the Geocoding/NAICS Coding Project</td>
</tr>
</tbody>
</table>

**FUTURE MEETING DATES**

| 7-31-17 Conservation Advisory Workgroup |
| 8-24-17 PA 22 Committee |
A table with the following content:

<table>
<thead>
<tr>
<th>Program/Project</th>
<th>Activities/Details</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) Implementation</td>
<td>Staff prepared the PA 23 Committee budget for FYE 2018 and FYE 2019 for PA 23 Committee approval on June 6, 2017. The PA 23 Committee approved the budget as defined in the proposed SAWPA two-year budget.</td>
<td>10-3-17 PA 23 Committee</td>
</tr>
<tr>
<td>Prop 84 IRWM Round 1</td>
<td>Staff continues to work with the agencies implementing the 15 projects involved in the first round of Prop 84 IRWM program to undertake all labor associated with interaction with DWR staff, project invoices processing including review, verification and submittal to DWR, project reporting review, verification and submittal to DWR, all DWR agreements, SAWPA Sub-agreements and Amendments preparation, processing and execution, DWR payment processing, project implementation inspection and verification, assembling, reviewing and submittal of Financial Statements, coordination and review of all Labor compliance, review and verification of all certifications, permits, and CEQA, project deliverables review, verification and submittal to DWR, project benefit assessment, review and verification of project monitoring plan, review and verification of project signage, review, verification and preparation of all documentation for audit review, grant administration budget preparation, monitoring, projections and assessment, SAWPA management review, oversight and direction regarding these defined tasks.</td>
<td>10-3-17 Quarterly Report to SAWPA Commission</td>
</tr>
</tbody>
</table>

- A conservation framework to be required through Executive Order B-37-16. Staff released in the scope of work in a request for proposals (RFP) in June 2017 in order to solicit consultant support.
- For the rates component of the Emergency Drought Grant Program, staff worked with CV Strategies to distribute several public relations documents focused on conservation-based rates and answering frequently asked questions about the rates.
- New cost sharing agreement for Woodard and Curran program management and water use efficiency local costs will be brought to the PA 23 Committee at an upcoming Committee meeting.
- EMWD and SBVMWD staff will provide an overview of SARCCUP implementation progress as well as the status of agreements with Metropolitan Water District at the upcoming August 1st Committee meeting.
- All grant administration will continue until the final Round 1 project is implemented and continues with annual monitoring for 10 years after the completion of the projects.

<table>
<thead>
<tr>
<th>Program/Project</th>
<th>Activities/Details</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prop 84 IRWM Grant administration</td>
<td>Staff continues to work with the agencies involved in the 19 projects under</td>
<td>10-3-17</td>
</tr>
</tbody>
</table>

- Staff released in the scope of work in a request for proposals (RFP) in June 2017 in order to solicit consultant support.
- For the rates component of the Emergency Drought Grant Program, staff worked with CV Strategies to distribute several public relations documents focused on conservation-based rates and answering frequently asked questions about the rates.
- New cost sharing agreement for Woodard and Curran program management and water use efficiency local costs will be brought to the PA 23 Committee at an upcoming Committee meeting.
- EMWD and SBVMWD staff will provide an overview of SARCCUP implementation progress as well as the status of agreements with Metropolitan Water District at the upcoming August 1st Committee meeting.
- All grant administration will continue until the final Round 1 project is implemented and continues with annual monitoring for 10 years after the completion of the projects.
<table>
<thead>
<tr>
<th>Round 2</th>
<th>of Prop 84 IRWM Round 2</th>
<th>the second round of Prop 84 IRWM program to undertake all labor associated with interaction with DWR staff; project invoices processing including review, verification and submittal to DWR; project reporting review, verification and submittal to DWR; all DWR agreements, SAWPA Sub-agreements and Amendments preparation, processing and execution; DWR payment processing; project implementation inspection and verification; assembling, reviewing and submittal of Financial Statements; coordination and review of all Labor compliance; review and verification of all certifications, permits, and CEQA; project deliverables review, verification and submittal to DWR; project benefit assessment; review and verification of project monitoring plan; review and verification of project signage; review, verification and preparation of all documentation for audit review; grant administration budget preparation, monitoring, projections and assessment; SAWPA management review, oversight and direction regarding these defined tasks.</th>
<th>continue until the final Round 2 project is implemented and continues with annual monitoring for 10 years after the completion of the projects.</th>
<th>Quarterly Report to SAWPA Commission</th>
</tr>
</thead>
</table>
| Prop 84 IRWM Drought Round | Grant administration of Prop 84 IRWM Drought Round | • Staff worked with the SAWPA member agencies, the Municipal Water District of Orange County and Rancho California Water District on the turf program component of the Emergency Drought Grant Program funded by Prop 84 Drought Round. In order to process their requests of ensuring invoicing of the grant is done through an overall programmatic approach as opposed to an approach based on individual turf removal projects at the parcel-level, staff shared their preliminary feedback with the PA 22 Committee on June 22.  
• Staff prepared three monthly progress report and invoices to the DWR during the reporting period. | • Initiate preparation for a time extension to the DWR/SAWPA grant agreement.  
• Work with the turf component agencies to process their requests for possible modifications to the DWR/SAWPA grant agreement. | 10-3-17 Quarterly Report to SAWPA Commission |
| Prop 84 IRWM 2015 Round | Grant administration of Prop 84 IRWM 2015 Round | • Staff worked with Orange County Sanitation District, Riverside County Flood Control, Orange County Coastkeeper and the SAWPA member agencies on their sub-grantee agreements. In additional to Orange County Sanitation District, Riverside Flood Control and Eastern Municipal Water District which finalized their agreements in the prior reporting period, San Bernardino Valley Municipal Water District also finalized their agreement.  
• Staff worked with Orange County Coastkeeper and the SARCCUP agencies to identify the specific tasks to include in the Orange County Coastkeeper Sub-Grantee agreement which will implement the water conservation component of SARCCUP.  
• Staff prepared and reviewed the grant invoice and progress report for the first reporting period that was due to DWR on June 30, 2017. | • The remaining SARCCUP agencies are planning to bring their SAWPA sub-agreements to their boards by the first quarter of 2018.  
• Completing the second quarterly report/invoice by August 31, 2017. | 10-3-17 Quarterly Report to SAWPA Commission |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| Middle Santa Ana River (MSAR) Pathogen TMDL Task Force | Implement TMDLs to address impairments to water quality relating to the fecal coliform objective established to protect the REC-1 use for waterbodies located within the Middle Santa Ana River Watershed. | • Task Force Administration by SAWPA continues.  
• Management and review of consultant contracts, project invoices and annual Task Force budget by staff continues.  
• Stakeholders approved an amendment to extend the MSAR Task Force agreement for an additional 5 year term.  
• Task Force consultant Tim Moore/Risk Sciences continues his effort to orchestrate the TMDL Implementation strategy for the MSAR TMDL Task Force.  
• The Task Force continues their effort to support the implementation of the Riverside / San Bernardino Counties CBRP in coordination with the MSAR TMDL Task Force. | • SAWPA will issue FY 2017-18 invoices to stakeholders in July.  
• Amendment to extend the Task Force agreement for an additional 5 year term is still being circulated for final signatures by all parties. | 9-12-17 Task Force Meeting |
| TMDL Task 3 Watershed Monitoring Program | | • MSAR TMDL Compliance monitoring is now conducted as a component of the Santa Ana River Bacteria monitoring program implemented through the Regional Water Quality Monitoring Task Force.  
• Regional Board approved the 2016 Triennial Report for the MSAR Bacterial Indicator TMDL.  
• Tim Moore/Risk Sciences prepared and submitted on behalf of the MSAR TMDL Task Force a comment response letter to the State to address a number of issues relating with the new 303-D listings for bacteria.  
• CDM Smith formatted and uploaded all available water quality data relating to the MSAR TMDL including metals water quality data from the City of Riverside into CEDEN. This data was believed to be critical to the next round of 303-D listing data review by the State. | • The 2017 Quarter 2 report will be made available for review by stakeholders in July 2017. | |
| TMDL Task 4 Source Evaluation and Management | | • MSAR TMDL Task Force meetings continue to be used as a forum for stakeholders to update Regional Board staff on their CBRP implementation activities  
• All current source evaluation work relating to the bacteria indicator TMDLs is being conducted through the individual Counties MS4 program to implement their respective Comprehensive Bacteria Reduction Plans.  
• SAWPA acts as the contracting party, for the benefit of Task Force agencies to implement specific studies and projects to support each County’s Comprehensive Bacteria Reduction Plan implementation activities. | • All current deliverables due under this task are currently being addressed by individual agencies. | |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| Lake Elsinore and Canyon Lake Nutrient TMDL Task Force | Implement TMDLs to address water quality issues relating to excess nutrients in Lake Elsinore and Canyon Lake. | • Task Force Administration by LESJWA continues.  
• LESJWA staff continues to coordinate issues relating to a stakeholder load/cost allocations, in-lake modeling, and the design on in-lake treatment projects with various consultants.  
• LESJWA staff continues management and review of consultant contracts, project invoices and annual Task Force budget.  
• LESJWA Board approved an amendment to extend the Task Force agreement for an additional 5 year term at the April 19th LESJWA Board meeting.  
• LESJWA submitted a draft Final Project Report for the Round 2 Prop 84 IRWM funded Canyon Lake Hybrid Treatment Project to the State in January 2017. This report is still under review by the State.  
• Risk Sciences continues its role of working with stakeholders on a long-term plan to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs.  
• CDM Smith continues their effort to prepare a technical document to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs.  
• CDM Smith is continuing to receiving comments on the following chapters of the TMDL Technical Document:  
  - Chp 5 – Linkage Analysis (Draft distributed 6/07/17)  
  - Chp 6 – Wasteload and Load Allocations (Draft distributed 4/17/17)  
• SAWPA will issue FY 2017-18 invoices to stakeholders in July.  
• Amendment to extend the Task Force agreement for an additional 5 year term is still being circulated for final signatures by all parties.  
• CDM Smith’s revised TMDL draft technical document will be ready for submittal to the Regional Board in November 2017. | • SAWPA will issue FY 2017-18 invoices to stakeholders in July.  
• Amendment to extend the Task Force agreement for an additional 5 year term is still being circulated for final signatures by all parties.  
• CDM Smith’s revised TMDL draft technical document will be ready for submittal to the Regional Board in November 2017. | 8-15-17 Task Force Mtg  
9-12-17 Task Force Mtg |
| TMDL Task 4 Monitoring Program                |                                                                                   | • Amec Foster Wheeler (FW) continues to implement the Phase 2 TMDL Compliance monitoring Program.  
• Amec FW continues to work to update the in-lake and watershed water quality monitoring database.  
• On April 19, 2017, LESJWA Board approved a change order with Amec Foster Wheeler to conduct Hazardous algal bloom (HAB) monitoring and laboratory analysis as part of the regular TMDL Compliance monitoring for one year. This change order included the additional task of uploading all historical water quality monitoring conducted on behalf of the Task Force into CEDEN to bring our database completely up to date. | • The 2016-17 Annual LE&CL TMDL Water Quality Monitoring report will be made available for review by stakeholders in July and submitted to Regional Board as a draft by August 15th. | 8-15-17 Task Force Mtg  
9-12-17 Task Force Mtg |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| TMDL Task 4 Monitoring Program | • On June 15, 2017, LESJWA Board approved a change order with Amec Foster Wheeler to incorporate additional high resolution satellite imagery and satellite cyanobacteria bloom monitoring into the regular TMDL Compliance monitoring.  
• Tim Moore/Risk Sciences prepared and submitted on behalf of the LE&CL TMDL Task Force a comment response letter to the State to address the listing of DDT for Lake Elsinore. | • The 2016-17 Annual LE&CL TMDL Water Quality Monitoring report will be made available for review by stakeholders in July and submitted to Regional Board as a draft by August 15th. | |
| TMDL Task 9 Lake Elsinore TMDL Compliance Implementation Activities | • Work relating to the implementation of Lake Elsinore In-Lake Sediment Nutrient Reduction Plan performed in conjunction with the RCFC&WCD MS4 Comprehensive Nutrient Reduction Plan continues.  
• A new O&M agreement to operate the Lake Elsinore Aeration and Mixing System (LEAMS) was agreed upon by the funding partners.  
• On April 19, 2017, LESJWA Board approved the License Agreement for Offset Credits Generated by the Lake Elsinore Aeration & Mixing System. | • The new O&M agreement to operate the Lake Elsinore Aeration and Mixing System (LEAMS) is still being circulated for final signatures by the funding partners. | |
| TMDL Task 10 Canyon Lake TMDL Compliance Implementation Activities | • Work relating to the implementation of Canyon Lake In-Lake Sediment Treatment Evaluation performed in conjunction with the RCFC&WCD MS4 program Comprehensive Nutrient Reduction Plan continues.  
• LESJWA staff continues as the lead implementing agency for the Canyon Lake Hybrid System (Canyon Lake Alum dosing project).  
• LESJWA staff submitted a draft Final Project Report for the Round 2 Prop 84 IRWM funded Canyon Lake Hybrid Treatment Project to the State in January 2017. This report is still under review by the State.  
• Alum effectiveness monitoring will be conducted by AMEC Foster Wheeler as part of the regular TMDL compliance monitoring. | • The next Canyon Lake Alum Dosing is anticipated to occur in Sept. 2017. | |
| TMDL Task 11 Model Update | • Dr. Michael Anderson/U.C. Riverside completed lake modeling to support the effort by CDM Smith to revise and update the LE&CL nutrient TMDLs in May 2017. | | |
| Basin Monitoring Program Task Force | Annual Monitoring Report | • Back in Feb. 2017 the Regional Board staff agreed to some reformatting changes to the annual SAR water quality report based on BMP TF and Regional Board priorities. After discussion, edits were made to the 2016 SAR WQ Report.  
• A draft Annual Monitoring Report has been prepared and distributed for comments. | • The draft Annual Monitoring Report is expected to be finalized and submitted to the Regional Board in August 2017 | |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| Basin Plan Amendment for SAR Wasteload Allocation and Chino South Objective Revision | Triennial Ambient Water Quality Update                                       | • Work continues on two separate Basin Plan Amendments (BPA) 1) focusing on the Chino South Mgt Zone change and 2) focusing on incorporating the current SAR Wasteload Allocation. The purpose for the separation is due to EPA not having to review a groundwater management objective change while the SAR Wasteload Allocation is a surface water change. The Basin Plan amendment for Chino South objective is anticipated to be taken to the Regional Board on August 4th for approval.  
  • CDM Smith completed the draft Supplemental Environmental Document and Economic Analysis for the Chino South BPA. One comment letter was received and will be considered as part of the comments during the official BPA review period 45 days prior to the Regional Board consideration date.  
  • Work is proceeding with CDM Smith doing the Triennial Ambient Water Quality Update for TDS and Nitrate in all groundwater management zones in the watershed.  
  • A change order was requested by CDM Smith for additional work. The task force reviewed and recommended approval on June 20th. Sufficient revenue exists in the task force budget contingency.  
  • An additional comment letter regarding revisions to the proposed 303 d list affecting salinity and nitrate in the SAR were prepared and submitted to the State Board in situations which the State Board did not agree with the Regional Board recommendations.                                                                 | • Next BMP TF meetings are scheduled for Aug. 16, 2017.  
  • The 1st Basin Plan Amendment for Chino South is anticipated to be considered by the Regional Board on Aug. 4th, 2017. The 2nd Basin Plan Amendment is anticipated to be considered by the Regional Board on Sept. 15, 2017.  
  • Triennial Ambient Water Quality Update is anticipated to be complete by Sept. 2017.                                                                 | 8-16-17 Task Force Mtg.                                                      |
| Santa Ana River Wasteload Allocation Update                             |                                                                              | • A contract with Geoscience Inc. was approved by the SAWPA Commission on Feb. 12th. Work continues by the consultant to the HSPF model being developed by Geoscience with the past SAR Wasteload Allocation Model called the WLAM. Calibration performance of daily and monthly streamflows at key monitoring locations of the new model reflects very good calibration performance using statistical R² analysis techniques.                                                                 | • Water quality calibration will be completed and scenarios will be modeled in the next reporting period. Final report is scheduled for Dec. 2017.                                      | 148                                 |
| Drought Policy                                                          |                                                                              | • The Regional Board has defined the creation of a new drought policy as one of their triennial Basin Plan priorities.  
  • Tim Moore of Risk Sciences has been working with the BMP TF and the Southern California Salinity Coalition (SCSC) to develop an outline of the work necessary to justify a new Drought Policy.                                                                 | • Preliminary analysis is anticipated to be completed in the next reporting period. The overall technical works is anticipated to be completed by Oct. 2017.                                             | 148                                 |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| Drought Policy                |                                                                              | • The consultant for SCSC, CDM Smith, experienced some changes in their project management so have contracted with Daniel Stephens Inc. to continue support of Joe LeClaire as project manager. The work will continue the technical analysis of salt impacts from the drought to be followed by a policy evaluation. The BMP TF will use the results of the technical analysis to move into the policy work in late 2017.  
• Data collection has commenced and EMWD will serve as the pilot area.                                                                 |                                                                                                                                  |                                                                                                                                  |
| Emerging Constituents Sampling Task Force | Provide emerging constituents sampling report and watershed water quality outreach program | • The 2013 Emerging Constituents Sampling Report, the last annual sampling report was submitted to the Regional Board on March 14, 2014.  
• By agreement the EC Program Task Force and the Regional Board agreed to discontinue the annual EC sampling and transition to a triennial EC sampling program if necessary.  
• Based on discussions with the Task Force and their consultant, Risk Sciences, the State Board was evaluating additional emerging constituents through a State Board Blue Ribbon Panel on Ecotoxicology to see if any additional EC constituents for sampling were needed that may affect future discharge permit renewals. No new recommendations have come out from the SWRCB to date. No EC monitoring under the task force is anticipated for the foreseeable future.  
• A conference call was held with the Regional Board about any recent developments that would cause the task force to reconvene and discuss additional sampling. So far, the need still does not exist. In the absence of an annual EC sampling program and report, available funding reserves should be sufficient to cover any costs for the early development of an EC sampling program and report should the need arise in the future as well as continuing the outreach program.  
• Work continues with the social media tools in support of water quality for the general public. This work is funded by a subset of the EC Program Task Force called the EC Public Outreach Committee.  
• In order increase outreach of the blog, a new reusable water bottle campaign has been kicked off to educate the public and partner with retail water agencies. | • All annual EC sampling has been discontinued and has been placed on hold pending State Board action to consider EC for ecosystem protection.  
• A presentation about the Reusable Water Bottle Campaign to increase outreach was deferred from the June 20, 2017 SAWPA Commission meeting to the July 18th SAWPA Commission meeting. | 7-19-17 SCCWRP Workshop in Newport Beach |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| **Imported Water Recharge Workgroup** | Support imported recharge agencies in agreement deliverables | • The Imported Water Recharge Technical Committee met on Jan. 11, 2017.  
• A presentation by EMWD and its consultant, CDM Smith, was made about the Canyon Basin Groundwater Model Status Presentation since this work was recently prepared as an additional basin which has recharge operations and was required to undertake the conditions of the Imported Water Recharge Cooperative Agreement and conduct a 20 year groundwater model. Their report was submitted in late January 2017.  
• The next set of modeling will begin in 2018 with new modeling updates due from the upper watershed basins of Beaumont, Yucaipa and San Timoteo by June 2018.  
• The next series of summary reports on the amount and quality of imported water recharged in each groundwater management zone during the previous three year period will be due by July 18, 2018.  
• Sufficient carryover reserves exist to cover administrative costs for FY 17-18 so no additional funding is being requested. | • Next Technical Committee meeting will be scheduled for the Fall of 2017 to provide an update on the status of the agreement requirements. | Fall 2017 |
| **Reclamation So Cal Studies** | Support regional studies with Bureau of Reclamation | No action this reporting period. | Reclamation will likely release another grant proposal for Basin Studies and updates in the Fall of 2017. | |
| **Santa Ana River Fish Conservation Task Force** | Determine the reasons for the decline of the Santa Ana sucker fish (*Catostomus santaanae*) in the Santa Ana Watershed and implement projects that will benefit the species. | • Staff worked with Scheevel Engineering to design the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project.  
• Staff worked with the various landowners in the possible project area to acquire access for temporary in-stream modeling conducted by Scheevel Engineering.  
• Staff held a Santa Ana River Fish Conservation Task Force meeting on April 24 to discuss the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project and walk stakeholders through the design contract with Scheevel Engineering.  
• Staff met with partners including San Bernardino Valley Municipal Water District and the U.S. Army Corps of Engineers on selecting the preferred habitat design for the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project from five alternatives. | • Coordinate with the U.S. Army Corps of Engineers and San Bernardino Valley MWD on their sucker habitat project in order to build on their successes for implementing the Task Force’s Habitat Protection Project.  
• Finalize the 65% level of design for the Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project (Project) by August 1, 2017. | |
• Staff managed the Colton Police Department work order (contract) on implementing the project where the Department would patrol the river near important wetted channels, where there has been known to be off road vehicle activity and Santa Ana sucker fish. The work order includes about 42 hours of patrol time over the course of the SAWPA fiscal year which ends on June 30, 2017.
• Staff worked with the Riverwalk survey event partners to schedule the 2017 Riverwalk for October 25, 2017.

Regional Water Quality Monitoring Task Force

Implement a coordinated regional water quality monitoring program in the Santa Ana River watershed to meet the requirements of the amended Recreational Use Water Quality Standards and Implementation Plan requirements of the Santa Ana Basin Plan, and to assist Regional Board with future triennial reviews of the Basin Plan.

• Task Force Administration by SAWPA continues.
• Management and review of consultant contracts, project invoices and annual Task Force budget by staff continues.
• All parties have approved the Regional Water Quality Monitoring Program Task Force agreement, with the approval by Orange County in June 2017.
• CDM Smith continues to implement the Santa Ana River Watershed Bacteria Water Quality Monitoring Program.
• 2016 Final SAR Regional Monitoring Program Annual Report was submitted to regional Board on June 30, 2017.
• 2017 dry season monitoring began in May.

LESJWA

Support lake quality improvement projects at Lake Elsinore and Canyon Lake

• Continuing support to LESJWA as administrator for the LE/CL TMDL Task Force with task force meetings and technical advisory committee meetings held every 1-2 months.
• The LESJWA Board last met on June 15th. The Board approved a change order for the water quality monitoring to include improved satellite imagery, and a new task order to continue support of Risk Sciences as the regulatory strategist support the TMDL update. Prior to that meeting, the LESJWA Board met on April 19th. The Board approved a renewal of another funding agreement for the next three years with RCFCWCD, The LESJWA Annual Budget for FY 17-18 subject to CL increase request, a new lease agreement for offset credits generated by the Lake Elsinore Aeration and Mixing System, and a change order for Lake Elsinore/Canyon Lake Algae Toxicity Monitoring.

• 2017 Quarter 2 report will be made available for review by stakeholders in July.
• The 2017 Quarter 2 report will be made available for review by stakeholders in July.

SAWPA will issue FY 2017-18 invoices to stakeholders in July.

Next LESJWA Board meeting is tentatively scheduled for August 17, 2017.

Next Canyon Lake Alum application is anticipated to occur in Sept or Oct. 2017.

8-17-17
LESJWA Board

10-19-17
LESJWA Board

12-21-17
LESJWA Board
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>♦ Alum was applied to Canyon Lake in late January 2017 as part of the spring application. The application was done early to suppress the significant nutrients inflow resulting from the winter rains. Water quality testing in recent months indicates some improvement in Canyon Lake. ♦ Work is continuing on the TMDL Revision by CDM Smith.</td>
<td>♦ The next LESJWA Education and Outreach meeting is scheduled for July 11th to discuss a response from high school students about lake algae. ♦ Mr. Norton was invited to speak to the CL City Council to discuss the merits of increasing the funding to LESJWA on July 12th.</td>
<td>10-17-17 LESJWA Education &amp; Outreach Meeting</td>
</tr>
<tr>
<td></td>
<td>Provide education and outreach</td>
<td>♦ Liselle DeGrave of DeGrave Communications continues her support to LESJWA. The Committee held a meeting with the LESJWA Education and Outreach Committee on May 15th. Quarterly meetings with the LESJWA Education and Outreach Committee will continue.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>So Cal Salinity Coalition</td>
<td>Support regional salt management and practices in Southern California</td>
<td>♦ The SCSC held its last Board meeting on June 1, 2017. The meeting was held at IEUA and included a tour of the Chino 1 Desalter. The Board met the Kevin Hardy, who joined NWRI as Executive Director in April 2017 and who will also serve as the administrator for SCSC. ♦ The SCSC Board discussed the status of the technical analysis necessary to develop a Drought Policy. The technical work focuses on the data necessary for salinity management and permitting impacts from drought conditions at about seven major retail water/wastewater agencies in the So Cal. The follow up policy work would be funded and conducted by a SAWPA’s Basin Monitoring Program Task Force who has been working closely with the Santa Ana Regional Board in the Drought policy development. ♦ In June, the consultant for SCSC, CDM Smith, experienced some changes in their project management so have contracted with Daniel Stephens Inc. to continue support of Joe LeClaire as project manager. The Board discussed the transition with representative from CDM Smith to ensure that progress will still be made in a timely fashion.</td>
<td>♦ Review the preliminary results of CDM Smith Analysis in August 2017 and finalize report in Sept. 2017.</td>
<td>8-9-17 TAC Coordination Mtg 9-7-17 SCSC Board Meeting</td>
</tr>
<tr>
<td>PROJECT</td>
<td>DESCRIPTION</td>
<td>STATUS</td>
<td>FUTURE TASKS/DEADLINES</td>
<td>FUTURE MEETINGS</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>--------</td>
<td>------------------------</td>
<td>----------------</td>
</tr>
</tbody>
</table>
| Santa Ana River Parkway and Open Space Plan Technical Advisory Committee | • Help identify priorities and values for the Santa Ana River Parkway and Open Space Plan  
• Identify project selection criteria and projects for inclusion in the Parkway Plan  
• Provide input and feedback on the Plan throughout its development | • Work continues on the Reclamation-MWDSC-SCSC joint project to update the 1998 Salinity Management Plan for Southern California. The work led by MWDSC staff and Reclamation to evaluate regional economic impacts of salinity. The work is awaiting final contracting for the work through Reclamation.  
• The SCSC Board received reports from MWDSC representatives about the improved imported water salinity levels due to the winter rains and storms in Northern CA and the Colorado River Basin.  
• Warren Teitz (MWDSC) provided an update on the activities of the Colorado River Salinity Control Forum and Multi-State Salinity Coalition (MSSC).  
• The Board heard a report from Paul Kelley, Executive Director of CalDesal, about their “Statewide perspective on Desalination and Salt Management in California.”  
• The Board of Directors also discussed strategies for recruiting additional water and wastewater agencies to join the Salinity Coalition. | • Staff attended the April 11, 2017 Technical Advisory Committee meeting and provided comments on the project mapping tool, list of projects included in the Santa Ana River Parkway and Open Space Plan and process to finalize the Plan by September 2017. | The next meeting is scheduled for August 2, 2017.  
8-2-17 Technical Advisory Committee |
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>FUTURE TASKS/DEADLINES</th>
<th>FUTURE MEETINGS</th>
</tr>
</thead>
</table>
| **Water Energy Community Action Network (WECAN)** | Support water and energy efficiency on disadvantaged communities in the watershed. | • Turf retrofit continuing and is on track. In Fontana outreach has not been as effective as anticipated so a letter was sent to FWC in late June suggesting an MOU amendment that reduces funding for FWC area. The preliminary plan is if increased contact in FWC area is not achieved, SAWPA would move that funding to another local partner.  
• Indoor retrofits are ramping up, with SBCCAP furthest behind at the start of the period, but mostly caught up with the timeline by the end of June.  
• During the period we requested and received a grant extension from DWR through Dec 2018.  
• During the period we augmented the MOU with West Valley Water District to support the inclusion of their WaterSmart grant goals, that is, an additional 120,000 sq. ft. removed in their service area. | • Resolving the issue with FWC to either reposition some grant money away from them, or reinvigorate their outreach effort.  
• Finish the training events with OC Coastkeeper, who is nearing the end of their budget.  
• Support additional outreach for WVWD expansion scope of work. | |
| **Forest First** | Support collaborative partnership among Forest Service and downstream stakeholders to develop methods to ensure the resiliency of the forests and headwaters within the Santa Ana River Watershed | • Staff developed a public relations document focused on the benefits of the Forest First program and provided copies to the Association of California Water Agencies, the National Water Resources Association, SAWPA’s State legislature lobbyist and the California Legislative Analyst’s Office.  
• Staff reviewed the Blue Forest Conservation (BFC) utility agreement and provided comments in order to begin the process of possibly partnering with BFC to bring private investment in the Santa Ana River Watershed for forest management projects.  
• Staff drafted and submitted a request for private investment in a fuel break project in the San Bernardino National Forest to Califia Farms. | • Meet with the San Bernardino National Forest, Cleveland National Forest and BFC on July 11, 2017 to discuss next steps on executing possible agreements with BFC.  
• Meet with BFC and their data analysis team on July 17, 2017 to discuss their metrics used to verify water-related benefits from forest management projects in the Santa Ana River Watershed headwaters. | |
GENERAL MANAGERS MEETING NOTES
TUESDAY, AUGUST 8, 2017

PARTICIPANTS PRESENT
Paul Jones     Eastern Municipal Water District
Joe Grindstaff Inland Empire Utilities Agency
Michael Markus Orange County Water District
Doug Headrick San Bernardino Valley Municipal Water District
John Rossi    Western Municipal Water District
Rich Haller   Santa Ana Watershed Project Authority
Larry McKenney Santa Ana Watershed Project Authority
Mark Norton   Santa Ana Watershed Project Authority
Sara Villa    Santa Ana Watershed Project Authority

CALL TO ORDER
John Rossi called the meeting to order at 7:34 a.m. at SAWPA, 11615 Sterling Avenue, Riverside, California.

OWOW UPDATE
Mark Norton provided handouts to the General Managers of the OWOW Quarterly Status Report from April thru June 2017. The status report has been shared with the Commission for the past several years. He noted that the major activity in place right now is the support for the working groups on the development of updating the IRWM Plan. The goal is to have the plan completed by 2018. Parallel to the IRWM Plan, there is a grant opportunity for Proposition 1 IRWM Implementation Round 1. The grant application will be released in October 2017 by DWR and finalized by late January or early February 2018, and submittal will be due Summer of 2018. There is a Pillar Integrated Workshop scheduled August 24 to discuss and emphasize the need to develop future integrated regional projects. Work is continuing on the Disadvantaged Community Involvement (DACI) Program and a briefing will be presented to the SAWPA Commission on the Homelessness and Water Symposium outcome and the next steps. It was questioned what the process is in prioritizing all the different issues in the DACI Program; for instance, education, tap water safety, and septic tank system failures. Mark Norton noted that we are uncertain when the monies for DACI implementation will be coming forth and whether DWR will put all in this round or divide it with the second round of Prop 1 IRWM Implementation grant funding. It is anticipated that there will be prioritization for implementation coming out of the DAC Pillar working group but types of projects to be funded to implement DACI solutions depend on DWR and when the monies become available. Doug Headrick noted that his Director is the DAC Pillar Chair and he wants to de-emphasize continued planning and evaluation and emphasize on actually doing something, possibly looking into getting homeless folks to move out of the river. Mark Norton noted that he will bring a scope of work for the DACI program to the next General Managers meeting to help get a sense of what is covered in the grant scope and what may be eligible for future DAC implementation grants.

ROUNDTABLES UPDATE
Mark Norton provided handouts to the General Managers of the Roundtable Quarterly Status Report from April thru June 2017. He reported that last Friday a major accomplishment was completed under the Basin Monitoring Program Task Force. We have been working with stakeholders throughout the watershed on a Basin Plan Amendment for Chino South Management Zone changing the nitrate level from 4.2 to 5 mg/l. This work is important to allow wastewater treatment plants to continue being able to discharge into the Santa Ana River and meet their permits. The Triennial Ambient Water Quality update draft report was recently completed and will be presented to the SAWPA Commission on August 15. The Emerging Constituents Task Force hasn’t met since 2014, though there are regular conference calls with the Regional Board to see if there is necessity to re-engage the voluntary EC sampling program. Questions arose about LESJWA or the Lake Elsinore Canyon Lake TMDL Task Force and whether both are really needed. Mark Norton explained that this issue has been reviewed. The challenge with merging the two is that the Task Force has named bodies/named entities by the Regional Board and are responsible for the TMDL. LESJWA is the local governance and a JPA composed of five (5) agencies and they can’t add non-profit agencies. There is strong support by County supervisors and the TMDL task force agencies to keep the LESJWA Board in place.
Discussion ensued regarding the status of member agency approval of SAWPA’s budget and impacts to SAWPA operations to date (none).

**UPDATES/DISCUSSION ITEMS**

Brine Line Update. Rich Haller provided updates on the following:

- **Reach IV Repair** – There was $30,000 worth of damage to the access road on a section of the Brine Line downstream of Prado due to erosion caused by winter storms. We were working with FEMA and OES to go through the reimbursement process, though they are asking for a Hydrologic and Hydrology Study that costs $35,000. We are asking for a waiver to their requirement.

- **Reach V Repair, Task 4 Status Change Order No. 6** – The contractor, Instituform is doing one shot a week and is trying to schedule two shots per week for the Reach V Repair. Traffic is being maintained, and all is going well.

- **Pretreatment Program Update:**
  - **Ordinance, Local Limits Update (Draft Ordinance No. 8 Local Limits Resolution)** – The SAWPA Commission approved the release of Ordinance No. 8 on August 1. There is a workshop with the dischargers scheduled on August 24 and the Public Hearing on September 19. Once Ordinance No. 8 is approved the program documents will be updated.
  - **Beaumont Request to Discharge to Brine Line** – OCSD requested additional information from the City of Beaumont. The city is requesting approval to connect to the Inland Empire Brine Line.
  - **Mountainview Permit** – A meeting took place with OCSD staff, Bob Tincher, Joe Zoba, and Jim Herberg to go over the Mountainview Permit jurisdiction concerns. Bob Tincher is to follow up with their legal counsel and further discuss.
  - **JCSD Flow Types (domestic, commercial and industrial)** – OCSD wants further detail information on JCSD domestic and commercial flows. Our contract states that we need to minimize the discharge of reclaimable wastewater. They don’t have dual piping in the three remaining connection areas so there is domestic flow.
  - **Preparation for next EPA PCI/PCA** – The EPA Inspection Audit is done every two years. It has been approximately two years since the last EPA visit so we are in the process of preparing for the next visit.
  - **Domestic Flows** – California Institution for Women and Bonview is tied to the construction that is scheduled for completion in 2018.
  - **Permit Extensions** – Once Ordinance No. 8 and all program documents are updated, it is anticipated to have a permit template so that OCSD and SAWPA can work off the same starting point. Every permit that has been approved to date has been different so it really makes is difficult to manage. OCSD has expressed concerns on the number of Permit Extension due to the current permit process.

- **OCSD Rock Removal** – The OCSD Rock Removal design is on schedule, and is anticipated for 2018. The estimate is $3.3 M.
FUTURE SAWPA COMMISSION AGENDA ITEMS

• 8/15 – Informational Items
  o GM Report
  o Reach V Change Order No. 6
  o OWOW Prop 1 Funding on Homelessness Symposium

• 8/24
  o Draft Ordinance No. 8 Workshop

• 9/5
  o TSS Formation Data
  o JPA Workshop

• 9/19
  o Draft Ordinance No. 8 Public Hearing

AGENCY UPDATES
Paul Jones noted that the Regional Board is requiring an agricultural groundwater monitoring program. EMWD is proposing to form a coalition for all the recycled water customers. A kick-off meeting is scheduled at 10:00 a.m. today at EMWD. Jayne Joy will be taking the lead and can send the PowerPoint presentation about the topic to Mark Norton.

SCHEDULE NEXT GM MEETING
The next General Managers meeting is scheduled for September 19, 2017, at 7:30 a.m. at SAWPA.

It was decided to schedule a meeting to go over the presentation and discuss the “Next Steps” after the Commission Meeting on August 15.

The meeting adjourned at 8:43 a.m.

COMMISSION REVIEW: August 15, 2017
2017-8-8 GM Mtg Notes