



...A United Voice for the Santa Ana Watershed

*Steering  
Committee  
Members*

**NOTICE AND AGENDA  
REGULAR MEETING OF THE**

**OWOW STEERING COMMITTEE**

**Ron Sullivan**  
SAWPA

**Tom Evans**  
SAWPA

**Thursday, January 28, 2016 – 11:00 a.m.**  
at SAWPA, 11615 Sterling Avenue, Riverside, CA 92503

**AGENDA**

**Shawn Nelson**  
Orange County

**1. WELCOME AND INTRODUCTIONS**

Ron Sullivan

**Marion Ashley**  
Riverside County

**2. PUBLIC COMMENTS**

Ron Sullivan

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

**Curt Hagman**  
San Bernardino County

**3. SEATING OF NEW MEMBER**

Celeste Cantú

**Beth Krom**  
City of Irvine

**A. Seating of City of Redlands Mayor Pro Tem Jon Harrison (SC#2016.3)**

**Recommendation:** Recognize City of Redlands Mayor Pro Tem Jon Harrison as a new member of the Committee.

**Ron Loveridge**  
City of Riverside

**B. Seating of Environmental Community Representative (SC#2016.6)**

**Recommendation:** Consider reappointing Mr. Garry Brown to the Environmental Community Representative seat on the OWOW Steering Committee.

**Jon Harrison**  
City of Redlands

**4. CONSENT CALENDAR**

Celeste Cantú

**C. Approval of Meeting Minutes: May 28, 2015**

**Recommendation:** Approve as posted.

**Ali Sahabi**  
Optimum Group

**D. Approval of Meeting Minutes: June 18, 2015**

**Recommendation:** Approve as posted.

**Garry Brown**  
Orange County  
CoastKeeper

**5. INFORMATIONAL ITEMS**

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

**Linda Ackerman**  
Regional Water  
Quality Control Board

**A. Update on Department of Water Resources' Draft Funding –  
Recommendations for the 2015 Proposition 84 Integrated Regional Water  
Management Grant Solicitation (SC#2016.1)**

Ian Achimore



- B. **Update on OWOW Project Implementation for Drought Response Funded by the 2014 Proposition 84 Integrated Regional Water Management Grant (SC#2016.2)** Mark Norton
- C. **Update on Proposition 1 California 2014 Water Bond and IRWM Grant Funding (SC#2016.4)** Mark Norton
- D. **Update on Proposed 2016 Water Bond (SC#2016.5)** Mark Norton

6. **OLD BUSINESS**

None.

7. **NEW BUSINESS**

None.

8. **ADJOURNMENT**

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

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

**Declaration of Posting**

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Friday, January 22, 2016, a copy of this agenda has been uploaded to the SAWPA website at [www.sawpa.org](http://www.sawpa.org) and posted in SAWPA's office at 11615 Sterling Avenue, Riverside, California.

/s/

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Kelly Berry, CMC

**2016 OWOW Steering Committee Regular Meetings**

(Note: All meetings begin at 11:00 a.m., unless otherwise noted, and are held at SAWPA.)

- January 28, 2016
- March 24, 2016
- May 26, 2016
- July 28, 2016
- September 22, 2016
- November 17, 2016

\* Meeting date adjusted due to conflicting holiday.

## **OWOW STEERING COMMITTEE MEMORANDUM NO. 2016.3**

**DATE:** January 28, 2016

**TO:** OWOW Steering Committee

**SUBJECT:** Seating of City of Redlands Mayor Pro Tem Jon Harrison as the City Representative from San Bernardino County to the OWOW Steering Committee

**PREPARED BY:** Celeste Cantú, General Manager

### **RECOMMENDATION**

It is recommended that the OWOW Steering Committee recognize City of Redlands Mayor Pro Tem Jon Harrison as a new member of the OWOW Steering Committee.

### **DESCRIPTION**

City of Redlands Mayor Pro Tem Jon Harrison replaces outgoing Steering Committee member City of San Bernardino Mayor Patrick Morris. This position on the OWOW Steering Committee reflects the position of an elected official from a City within the County of San Bernardino and must be selected by a majority vote of the San Bernardino Association of Governments (SANBAG).

Mr. Harrison is a Redlands resident since 1983. As the Mayor Pro Tem Harrison and a member of the Redlands City Council since 2001, he currently serves on the Citrus Preservation Commission, Cultural Arts Commission, Historic and Scenic Preservation Commission, Human Relations Commission, Parks and Recreation Advisory Commission, Street Tree Committee and Prospect Park Replanting Ad-Hoc Committee Member.

He is a member of several regional committees such as the Redlands Conservancy Liaison, San Bernardino Area Governments Board and the Santa Ana River Wash Committee. He has served his community by belonging to the Inland Orange Conservancy Board of Directors, Orange Blossom Trail (Rail-Trail) Board of Directors, and the Redlands Community Hospital Foundation Board of Directors.

Additionally, Mr. Harrison is active on the Local Government Commission, a nonprofit organization fostering innovation in environmental sustainability, economic prosperity and social equity. The LGC is helping to transform communities through inspiration, practical assistance and a network of visionary local elected officials and other community leaders.

Mayor Pro Tem Harrison was a senior consultant with ESRI where he has led a variety of GIS implementation projects for over 25 years.

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## **OWOW STEERING COMMITTEE MEMORANDUM NO. 2016.6**

**DATE:** January 28, 2016

**TO:** OWOW Steering Committee

**SUBJECT:** Seating of Environmental Community Representative to the OWOW Steering Committee

**PREPARED BY:** Celeste Cantú, General Manager

### **RECOMMENDATION**

It is recommended that the OWOW Steering Committee consider reappointing Mr. Garry Brown to the Environmental Community Representative seat on the OWOW Steering Committee.

### **DESCRIPTION**

Mr. Brown has served on the OWOW Steering Committee since 2007 and was reappointed in 2011. With the sunset of his second term on the Steering Committee, the Committee should consider filling the Environmental Community Representative position at this time. Staff recommends reappointing Mr. Brown to the Environmental Community Representative seat to the OWOW Steering Committee.

### **BACKGROUND**

Mr. Brown founded Coastkeeper in 1999 and serves as the organization's Executive Director and Board President. Under Mr. Brown's leadership, Coastkeeper has become a powerful voice for water quality, marine habitats, and water supply issues in the region and throughout California. Coastkeeper has achieved numerous milestone successes through collaboration with stakeholders and scientific and legal research as a basis for advocacy.

Mr. Brown comes from a long background of building public-private partnerships. He served for five years as an assistant city manager for the City of Redlands, ten years as an advocate and executive director for trade associations in the real estate and building industries, and served two terms as president of a chamber of commerce. In addition, Coastkeeper has built relationships and partnerships with major corporations and public agencies such as Southern California Edison, San Diego Gas & Electric, The Irvine Company, Walmart, and The Metropolitan Water District for the purpose of demonstrating on the ground projects that enhance water quality and reduce urban runoff.

Mr. Brown holds positions of leadership on numerous Boards of Directors committees, including the California Coastkeeper Alliance, the Nature Reserve of Orange County, OCTA's Environmental Cleanup Allocation Committee, the Community Engagement Panel for the Decommissioning of the San Onofre Nuclear Power Station, the Harbor Safety and Oil Spill Response Committee for the Port of Los Angeles/Long Beach, American Green Power, the California Artificial Reef Enhancement Foundation, and Ocean Defenders Alliance. Mr. Brown holds a B.A. in Government from the University of Redlands.

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**OWOW STEERING COMMITTEE  
REGULAR MEETING MINUTES  
MAY 28, 2015**

<b>Committee Members</b>	
<b><u>Santa Ana Watershed Project Authority Representatives</u></b>	
Ronald W. Sullivan, Convener, Eastern Municipal Water District	Present
Thomas P. Evans, Western Municipal Water District	Present
<b><u>County Supervisor Representatives</u></b>	
Marion Ashley, Riverside County Board of Supervisors	Absent
Shawn Nelson, Orange County Board of Supervisors	Absent
Curt Hagman, San Bernardino County Board of Supervisors	Absent
<b><u>County Mayor Representatives</u></b>	
Ron Loveridge, Mayor, City of Riverside	Present
Beth Krom, Mayor, City of Irvine	Present
Patrick Morris, Mayor, City of San Bernardino	Present
<b><u>Business Committee Representative</u></b>	
Ali Sahabi, President, Optimum Group, LLC	Present
<b><u>Environmental Committee Representative</u></b>	
Garry Brown, President, Orange County Coastkeeper	Absent
<b><u>Regional Water Quality Control Board Representative</u></b>	
Linda Ackerman, Vice Chair, Santa Ana Regional Water Quality Control Board	Present
<b><u>STAFF PRESENT</u></b>	Celeste Cantú; Larry McKenney; Karen Williams; Mark Norton; Ian Achimore; Kelly Berry

The OWOW Steering Committee meeting was called to order at 11:12 a.m. by Convener Ron Sullivan, at the Santa Ana Watershed Project Authority, 11615 Sterling Ave., Riverside, California.

**1. WELCOME AND INTRODUCTIONS**

**2. PUBLIC COMMENTS**

Convener Sullivan called for public comments. There were no public comments.

**3. CONSENT CALENDAR**

**A. APPROVAL OF MEETING MINUTES: APRIL 9, 2015**

**MOVED**, approval of the Consent Calendar.

Result:	<b>Adopted (Unanimously; 6-0-1)</b>
Motion/Second:	Evans/Krom
Ayes:	Evans, Krom, Loveridge, Morris, Sahabi, Sullivan
Nays:	None
Abstentions:	Ackerman
Absent:	None

**4. INFORMATIONAL ITEMS**

**Recommendation:** Receive and file, unless otherwise stated.

**A. Update on State Water Resources Control Board Adoption of Mandatory Water Conservation Regulation**

Celeste Cantú provided verbal report, referring to the Media Release contained in the agenda packet beginning on page 9. With the adoption of the Mandatory Water Conservation Regular by the State Water Resources Control Board (SWRCB), every water district and community now has a percentage, ranging from 8% to 36%, by which water consumption must be reduced. Within the Santa Ana River Watershed the range is approximately 20%-36%. These percentages are predicated on 2013 usage. This action underscores our ongoing Emergency Drought Response Program, with the primary goal being to transform how property in California is landscaped. This regulation begins June 1; on July 15 they will announce water consumption figures for the first month. This is an emergency regulation and will thus be in effect for no longer than 270 days; however the SWRCB will examine incorporating ongoing guidance.

Committee Member Loveridge asked for clarification on SAWPA's role in terms of water quality. Cantú noted SAWPA's Emergency Drought Response Program, which includes a cash-for-grass turf removal program geared toward commercial, municipal and large institutional (universities/colleges) property. SAWPA is also assisting retailers in adopting budget based/conservation based rate structures in line with the recent *Capistrano Taxpayers Association, Inc. vs. City of San Juan Capistrano* ruling. SAWPA is also leading a watershed-wide aerial photography project which will provide retailers with timely data relating to customer landscaping and water usage, including evapotranspiration (ET) data.

**B. OWOW Update – PA 22 Committee (SC#2015.4)**

Larry McKenney provided an oral report on the Project Agreement 22 Committee (PA 22), comprised of the member agency general managers and officially formed for implementing the drought round grant funding under 2014 Prop 84 funding. PA 22 is executing much of what was just mentioned relating to turf removal and budget based rate structures.

Relating to turf removal, PA 22 is working to stay in line to receive as much MET funding for as long as those funds remain available. Given the overwhelming success of MET's turf removal program, the program became oversubscribed and their Board recently took action to provide an additional \$350 million to the program and capped future projects as follows: residential projects have a \$6,000 per property cap, commercial projects a \$25,000 per property cap, and public agency projects a \$50,000 cap. PA 22 is addressing the urgency of submitting for project approval in order to utilize MET's \$2 per

square foot rebate as the local match required under the grant program funding, which will then provide an addition \$1 per square foot in our area. Other avenues of local match funding are being researched should MET's rebate become unavailable. Committee Member Evans emphasized that MET's rebate funding is coming from rate payers and is already in the rate structure, noting other agencies could take the same action as MET and put this in their rate structure.

Mayor Morris asked if there were resources available for those who are not members of MET, for instance San Bernardino. PM-heard nothing in SB of rebate program of any substance; what resources are available to those not a member of Met. McKenney advised that within the SBVMWD area there will be a total of \$3 per square foot available: \$1 from SAWPA, \$1 from SBMWD and \$1 from the water retailer.

Convener Sullivan noted SAWPA's leading role in outreach efforts with two recent workshops geared toward elected officials and district staff within the watershed, which were well received.

**C. OWOW 2015 Implementation Schedule**

Mark Norton reviewed the implementation timeline on pg 43 of the agenda packet. May 27 at 5:00 p.m. was the deadline for the project submittal process. Responses received will be discussed under upcoming Agenda Item No. 4.D. The pre-review process will now proceed; there is a comment form online available to all stakeholders who which to review and comment on any of the projects. The next step will be a review of the projects by the Project Review Committee (PRC), where interviews will be held June 11 and 12. The project/projects recommended by the PRC will be brought back to the OWOW Steering Committee at the June 18 meeting for consideration and approval.

Following OWOW SC approval, SAWPA staff will prepare and submit the grant application to the DWR by August 7. DWR will then review the applications and provide award announcements by mid-November. This is the tightest DWR timeline thus far.

Similar to previous grant funding rounds, the PRC interviews the project applicants asking on-point questions relative to each project and ensuring project claims are verified.

**D. Summary of Project Proposals Received in Response to the Call for Projects, Due May 27, 2015, and Initial Screening Process (SC#2015.5)**

Mark Norton provided a PowerPoint presentation and handed out a project information packet for each of the eight projects requesting grant funding. Project submission statistics were as follows:

Total Projects:	80
Plan Only Project* :	72
Grant Request Projects:	8
Number of Agencies	12
Grant Funding Request	\$107,416,833
Total Project Costs:	\$273,547,000

\* Projects seeking to be included in the OWOW Plan, only.

Norton noted the emphasis this year has been on integrated, regional projects.

Projects Requesting Grant Funding			
Agency Names	Project Name Benefit Area	Total Cost	Funds Requested
<b>Lead Agency:</b> SBVMWD <b>Coop Agencies:</b> EMWD, IEUA, OCWD, SBVMWD, WMWD, OCC & IEW, IEW	Santa Ana River Conservation & Conjunctive Use Program (SARCCUP) - Phase 1: Watershed-Wide, Water Banking, Water Use Efficiency & Habitat Enhancement Project <b>Benefit Area:</b> 2,464 sq miles	\$105,092,000	\$60,000,000
<b>Lead Agency:</b> RCFCWCD <b>Coop Agencies:</b> San Jacinto	San Jacinto River Levee, Stage 4 & River Corridor Expansion Project <b>Benefit Area:</b> 111 sq miles	\$47,000,000	\$35,000,000
<b>Lead Agency:</b> OCSD <b>Coop Agencies:</b> Cal-DOT, OCFCD, Anaheim, Fullerton, CSUF, OCWD	Newhope-Placentia Trunk Replacement <b>Benefit Area:</b> 421 sq miles	\$104,890,000	\$5,000,000
<b>Lead Agency:</b> SBCFCD <b>Coop Agencies:</b> Highland	Plunge Streambed Restoration and Elder Creek Channel Improvement <b>Benefit Area:</b> 2 sq miles	\$7,477,000	\$3,000,000
<b>Lead Agency:</b> Corona DWP <b>Coop Agencies:</b> HGCWD	Corona/Home Gardens Well #3 Local Water and DAC Provision Project <b>Benefit Area:</b> 62 sq miles	\$2,000,000	\$1,500,000
<b>Lead Agency:</b> RCFCWCD <b>Coop Agencies:</b> BCVWD	Beaumont MDP Line 16 <b>Benefit Area:</b> 50 sq miles	\$3,658,000	\$1,219,333
<b>Lead Agency:</b> LHMWD <b>Coop Agencies:</b> RCFC, Hemet, San Jacinto, RCFB, Soboba, WRCAC, H-SJ WM	Bautista Pond Optimization <b>Benefit Area:</b> 161 sq miles	\$2,500,000	\$1,000,000
<b>Lead Agency:</b> SBCFCD <b>Coop Agencies:</b> Yucaipa	Wilson Creek Channel Improvements <b>Benefit Area:</b> 3 sq miles	\$930,000	\$697,500

Committee Member Krom asked if consideration is given to whether or not the project will proceed with or without OWOW grant funding when ranking the projects. McKenney responded the key eligibility criteria are that the project must be executed by active participation of more than one agency and a scoring factor based on the level of benefit per grant dollar rewarding project efficiency. Krom noted her inclination that, if the project is meritorious, consideration should be given to whether or not the project will proceed without OWOW grant funding. Norton provided a verbal summary of the SARCCUP project. A discussion ensued as to the amount of the funds requested and the amount of total funding available, the scalability of projects and whether or not a project could proceed if the total amount requested was not awarded.

6. **OLD BUSINESS**

None.

7. **NEW BUSINESS**

A. **Project Review Committee Formation and Process (SC#2015.6)**

Larry McKenney provided an oral overview of the Project Review Committee Roster and the three proposed finalists: Paul R. Brown, Dr. Kurt Schwabe, and Wyatt L. Truxel. These three were proposed as a result of having worked with the OWOW Pillars to receive their suggestions. It was important to staff and the OWOW Pillars to have a Project Review Committee with current experience in local water resources and issues in the Santa Ana River Watershed having experience with sustainability and resiliency. These three proposed individuals have that experience, as well as complementary expertise in economics.

**MOVED**, approve the formation of the Project Review Committee and process to review proposals and make a funding recommendation to the OWOW Steering Committee.

Result:	<b>Adopted (Unanimously; 7-0)</b>
Motion/Second:	Krom/Evans
Ayes:	Ackerman, Evans, Krom, Loveridge, Morris, Sahabi, Sullivan
Nays:	None
Abstentions:	None
Absent:	None

8. **ADJOURNMENT**

The meeting was adjourned at 12:16 p.m.

**APPROVED:** January 28, 2016

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Ronald W. Sullivan, Convener

Attest:

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Kelly Berry, CMC  
Clerk of the Board

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**OWOW STEERING COMMITTEE  
SPECIAL MEETING MINUTES  
JUNE 18, 2015**

<b>Committee Members</b>	
<b><u>Santa Ana Watershed Project Authority Representatives</u></b>	
Ronald W. Sullivan, Convener, Eastern Municipal Water District	Present
Thomas P. Evans, Western Municipal Water District	Present
<b><u>County Supervisor Representatives</u></b>	
Marion Ashley, Riverside County Board of Supervisors	Present
Shawn Nelson, Orange County Board of Supervisors	Absent
Curt Hagman, San Bernardino County Board of Supervisors	Present
<b><u>County Mayor Representatives</u></b>	
Ron Loveridge, Mayor, City of Riverside	Present
Beth Krom, Mayor, City of Irvine	Present
Patrick Morris, Mayor, City of San Bernardino	Present
<b><u>Business Committee Representative</u></b>	
Ali Sahabi, President, Optimum Group, LLC	Present
<b><u>Environmental Committee Representative</u></b>	
Garry Brown, President, Orange County Coastkeeper	Present
<b><u>Regional Water Quality Control Board Representative</u></b>	
Linda Ackerman, Vice Chair, Santa Ana Regional Water Quality Control Board	Present
<b><u>STAFF PRESENT</u></b>	Celeste Cantú; Larry McKenney; Mark Norton; Dean Unger; Kelly Berry

The OWOW Steering Committee meeting was called to order at 11:06 a.m. by Convener Ron Sullivan, at the Santa Ana Watershed Project Authority, 11615 Sterling Ave., Riverside, California.

**1. WELCOME AND INTRODUCTIONS**

**2. PUBLIC COMMENTS**

Convener Sullivan called for public comments. There were no public comments.

### 3. NEW BUSINESS

#### A. OWOW 2015 Implementation Project Portfolio

Celeste Cantú provided a PowerPoint presentation. This is our fourth and final round of Proposition 84 IRWM funding. After three earlier rounds, the OWOW 2015 Implementation solicitation has raised the bar to achieving a new level of integration for California. The entities recommended for funding analyzed the natural hydrology and pre-existing infrastructure to identify how the water flows from one system to the other. They took steps to identify the problems faced in this watershed, per the OWOW 2.0 Plan, and evaluated why water is not being utilized to its fullest extent as a potable resource and for the environment, their projects achieving both vertical and horizontal integration. The portfolio recommended for funding has been compiled by the Project Review Committee (PRC): Paul R. Brown, Dr. Kurt Schwabe, and Wyatt L. Troxel.

Four project interviews were held, and the following projects were recommended for total grant funding of approximately \$61 million:

- \$55 million grant funding for the Santa Ana River Conservation & Conjunctive Use Program (SARCCUP);
- \$5,054,302 grant funding for the Riverside County Flood Control Integrated Watershed Protection Program; and,
- \$1 million grant funding for the Orange County Sanitation District Newhope Placentia Trunk Replacement Project.

These projects will supply watershed-wide benefits including the following. OWOW 2.0 Benefit Tracking: While the projects must be completed within five years of contract execution, performance targets of the goals under the OWOW 2015 Proposals will be tracked through 2035.

- Dry Year Yield: 25,300 AFY
- Water Supply: 18,283 AFY
- Recreation: 40 acres open space; 1 mile trail (San Jacinto Basin area)
- Habitat: 41 acres
- Invasive Plan: 800 acres
- Salt Management: 317,000 lbs/yr
- NPS Pollution: 29,302 lbs/yr
- Flood Risk Reduction: \$91M
- GHG: 14,402 metric tons/yr
- Population Benefit: 5.6M
- Benefit Zone: 2.5M sq miles

Staff is also proposing an OWOW 2.0 Plan Amendment augmenting the Plan to add the following:

- OWOW 2015 Implementation Projects
- OWOW 2015 Planning Projects
- OWOW 2014 (Drought) Project
- OWOW Round 2 Replacement Project

Committee Member Evans noted his interest to receive an update on these projects and the three rounds of Proposition 84 IRWM funding awarded earlier – how the money was spent, which projects are complete and progress of the others, celebrating the successes.

**MOVED,**

1. Authorize implementation of the Proposition 84 2015 Integrated Regional Water Management (IRWM) grant proposal to the Department of Water Resources (DWR) with the proposed OWOW 2015 Implementation integrated project portfolio: (a) \$55 million grant funding for the Santa Ana River Conservation and Conjunctive Use Program (SARCCUP); (b) \$5,054,302 million grant funding for the Riverside County Flood Control and Water Conservation District (RCFCWCD) integrated and regional water resources program; and, (c) \$1 million grant funding for the Newhop-Placentia Trunk Replacement;
2. Require that as part of their grant agreement with SAWPA, the parties that submitted SARCCUP will execute a SAWPA Project Agreement or comparable multilateral long-term conjunctive use operating agreement for all the parties involved in the Program;
3. Require that SARCCUP parties complete a study of the effectiveness of the proposed *Arundo donax* removal and maintenance efforts in terms of an overall goal of eradicating *Arundo donax* from the watershed without changing the budget for that work element;
4. Authorize amending the OWOW 2.0 Plan to include the projects that applied for funding and sought to be included for purposes of other grant eligibility under the OWOW 2015 solicitation, OWOW approved projects under the 2014 OWOW solicitation, and replacement OWOW approved projects under OWOW Round 2; and,
5. Direct staff to forward the OWOW Steering Committee's decision to the SAWPA Commission for ratification.

Result: **Adopted (Unanimously; 10-0)**  
Motion/Second: Krom/Ashley  
Ayes: Ackerman, Ashley, Brown, Evans, Hagman, Krom, Loveridge, Morris, Sahabi, Sullivan  
Nays: None  
Abstentions: None  
Absent: None

After approval, the question was raised as to how much oversight there will be on what was just approved. Cantú noted that going forward we must monitor for ten years after completion of the project to verify that the represented benefits are in fact realized.

**4. ADJOURNMENT**

The meeting was adjourned at 11:25 p.m.

**APPROVED:** January 28, 2016

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Ronald W. Sullivan, Convener

Attest:

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Kelly Berry, CMC, Clerk of the Board

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## **OWOW STEERING COMMITTEE MEMORANDUM NO. 2016.1**

**DATE:** January 28, 2016

**TO:** OWOW Steering Committee

**SUBJECT:** Update on the Department of Water Resources' Final Funding Announcement for the 2015 Proposition 84 Integrated Regional Water Management Grant Solicitation

**PREPARED BY:** Ian Achimore, Senior Watershed Manager

### **RECOMMENDATION**

Receive and file this summary of the Department of Water Resources (DWR) Final Funding Announcement on the 2015 Proposition 84 Integrated Regional Water Management (IRWM) Grant Solicitation.

### **DISCUSSION**

SAWPA submitted a 2015 IRWM grant application to the DWR on August 6, 2015 for several projects that total to a cost of \$237.4 Million. The total costs include \$64.3 Million in grant funding and \$173 Million in local cost share. The projects that were included in the 2015 IRWM grant application include:

- Newhope-Placentia Trunk Sewer (NHP) Replacement Project 2-72 (submitted by Orange County Sanitation District)
- Santa Ana River Conservation and Conjunctive Use Program (submitted by San Bernardino Valley Municipal Water District)
- 2015 Integrated Watershed Protection Program (submitted by Riverside County Flood Control and Water Conservation District)

On January 13, 2016 the DWR released their final funding announcement for this solicitation. The SAWPA submittal was funded at the 100% level.

SAWPA will now begin to enter into an agreement with the DWR and sub-agreements with each of the project proponents. Construction is scheduled to begin in April, 2016 for NHP Replacement Project 2-72 Project, April, 2018 for Santa Ana River Conservation and Conjunctive Use Program (SARCCUP) and December, 2016 for the 2015 Integrated Watershed Protection Program.

### **BACKGROUND**

The three projects were selected through the regional collaborative framework known as the 2015 One Water One Watershed (OWOW) Implementation process in order to implement this region's IRWM Plan known as the OWOW 2.0 Plan. Over the first half of 2015, stakeholders and agencies from across the approximately 2,800 square mile Santa Ana River Watershed met to discuss projects and programs that could be integrated and provide multiple benefits to the region. Through the OWOW Pillar led process, OWOW Project Criteria were developed to vet and rank projects proposed under the 2015 OWOW Implementation process.

After proposed projects and programs were ranked according to the benefits they could provide, a Project Review Committee (PRC) composed of independent water-related experts considered the project application and support materials, comments received from the stakeholder community, the

qualitative ranking of the projects based on the project ranking factors, and interview questions of the project applicants, as well as those of their partners. They were focused on finding projects that were not only technologically feasible, but projects that were integrated and provided regional benefit. In the review process, the PRC first vetted the claims made by the project proponents on their application, in terms of data accuracy and project eligibility. Second, they focused on the projects in the context of the goals and objectives of the OWOW 2.0 Plan.

The PRC selected Orange County Sanitation District's NHP Replacement Project 2-72 because it manages the capacity of the Santa Ana Regional Interceptor, a tool used by the upper and lower watershed to remove salty brine from the watershed. They noted that the Project complements the investments in groundwater recharge and extraction implemented under SARCCUP and supports the OWOW 2.0 Plan's goal of protecting beneficial uses by achieving salt balance in the watershed. It also provides increased protection against seawater intrusion, by directing 8 million gallons per day in reclaimable flows to the Groundwater Replenishment System (GWRS). GWRS is a water supply project and protection project, as the treated water from GWRS is not only reinjected for drinking water wells but also used to create a hydraulic barrier near the coast.

SARCCUP was selected for funding by the PRC because it horizontally integrates the water supply agencies in the upper and lower portions of the Santa Ana River Watershed to better manage scarce water resources and create resiliency shared among those agencies. They noted that the SARCCUP concept includes an operational concept that necessarily includes regional collaboration, because no agency can do it alone, and each participant must share control of the project to realize the benefits. The PRC acknowledged this notable achievement, both in addressing the challenges of the approximately 2,800 square mile size of this watershed and in these agencies agreeing to truly regional operation. SARCCUP integrates many of the OWOW 2.0 Plan's objectives and goals including habitat enhancement, invasive weed control, recreation, open space, conjunctive use of groundwater and imported water supplies, and water use efficiency. It also supports OWOW 2.0 Plan's object of supporting economically effective solutions by providing revenue stability for retail water agencies that adopt conservation-based water rates.

The PRC selected the Riverside County Flood Control and Water Conservation District (RCFCWCD) project because it institutionalizes RCFCWCD's commitment to integrating flood control with habitat enhancement, groundwater recharge, and planning for system-based hydrologic connectivity in order to achieve vertical integration with the water supply agencies in the watershed. The PRC was very impressed with SARCCUP, but recognized that it did not include a flood control component. Grant funding for RCFCWCD's integrated program is to strengthen that programmatic nexus between flood control and water supply. The PRC noted that solving Riverside County's flooding conditions and risks already require a regional approach, one that often involves local, State and Federal partners.

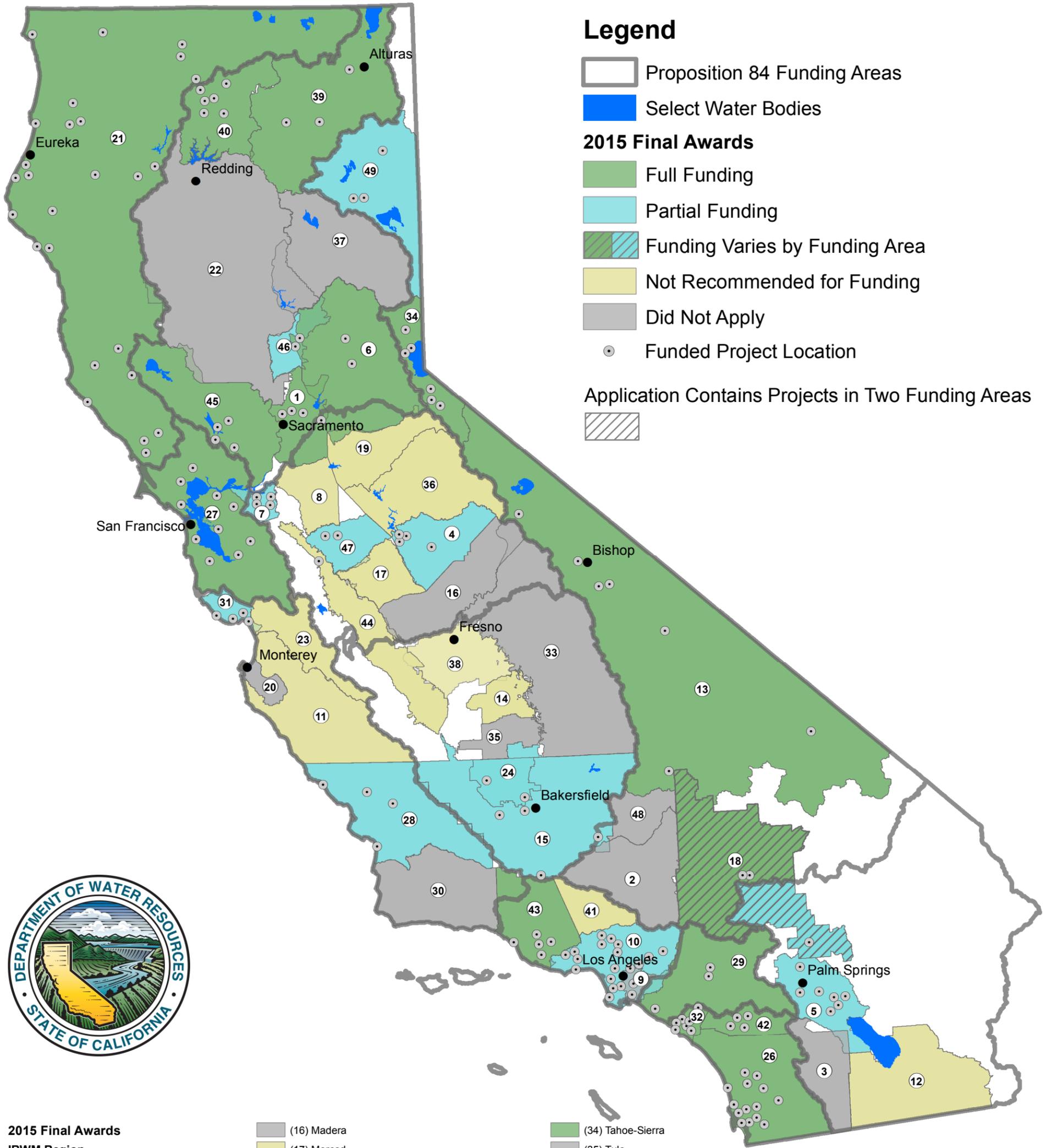
Attachments:

1. DWR Final Funding Announcement
2. Watershed and Project Maps

# Final Awards

## Integrated Regional Water Management Proposition 84 - 2015 Implementation Grant Solicitation

### January 13, 2016



### Legend

- Proposition 84 Funding Areas
- Select Water Bodies
- 2015 Final Awards**
- Full Funding
- Partial Funding
- Funding Varies by Funding Area
- Not Recommended for Funding
- Did Not Apply
- Funded Project Location
- Application Contains Projects in Two Funding Areas



### 2015 Final Awards

#### IRWM Region

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| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (1) American River Basin</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (2) Antelope Valley</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (3) Anza Borrego Desert</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> (4) Yosemite - Mariposa</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> (5) Coachella Valley</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (6) Cosumnes, American, Bear, Yuba (CABY)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> (7) East Contra Costa County</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (8) Eastern San Joaquin</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (9) Gateway Region</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> (10) Greater Los Angeles County</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (11) Greater Monterey County</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (12) Imperial</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (13) Inyo-Mono</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (14) Kaweah River Basin</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> (15) Kern County</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (16) Madera</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (17) Merced</li> <li><span style="display: inline-block; width: 15px; height: 10px; background: repeating-linear-gradient(45deg, transparent, transparent 2px, blue 2px, blue 4px); margin-right: 5px;"></span> (18) Mojave</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (19) Mokelumne/Amador/Calaveras (MAC)</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (20) Monterey Peninsula-Carmel Bay-So Monterey Bay</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (21) North Coast</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (22) North Sacramento Valley</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (23) Pajaro River Watershed</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightblue; margin-right: 5px;"></span> (24) Poso Creek</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (26) San Diego</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (27) San Francisco Bay Area</li> <li><span style="display: inline-block; 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margin-right: 5px;"></span> (34) Tahoe-Sierra</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (35) Tule</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (36) Tuolumne-Stanislaus</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; margin-right: 5px;"></span> (37) Upper Feather River Watershed</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; margin-right: 5px;"></span> (38) Kings Basin Water Authority</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (39) Upper Pit River Watershed</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: green; margin-right: 5px;"></span> (40) Upper Sacramento-McCloud</li> <li><span style="display: inline-block; 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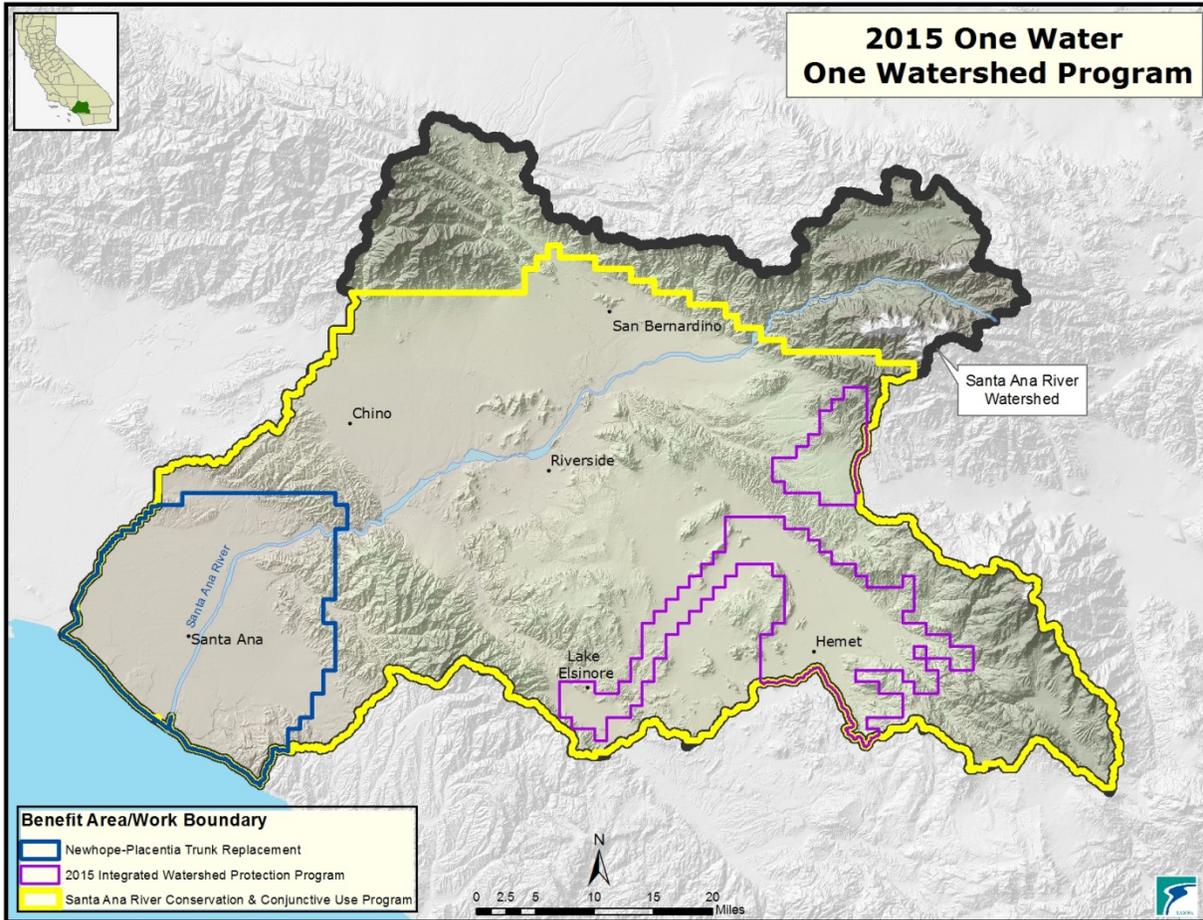
Notes:  
1) Numbers shown are for reference purposes only and correspond to internal DWR Region Acceptance Process (RAP) submittal identifications.



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# Watershed Map

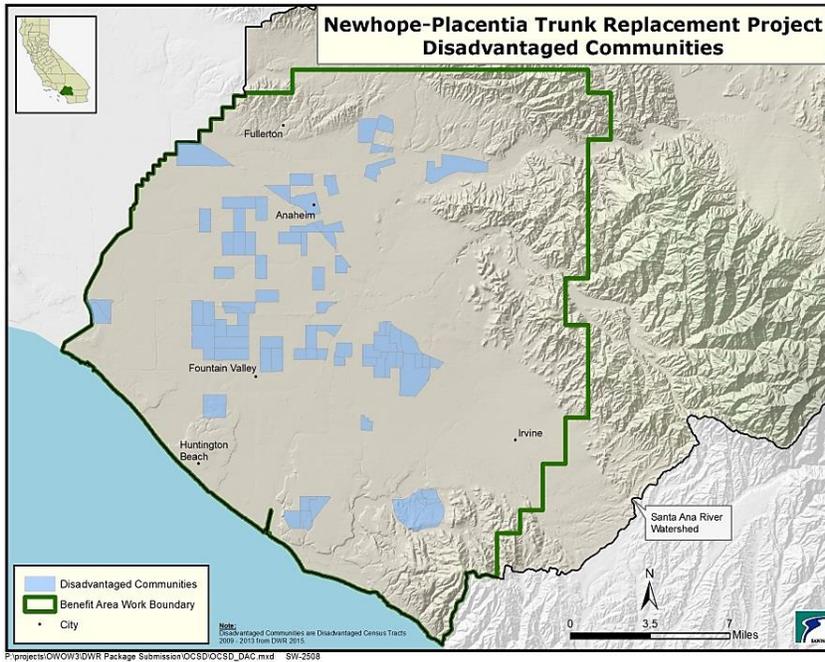
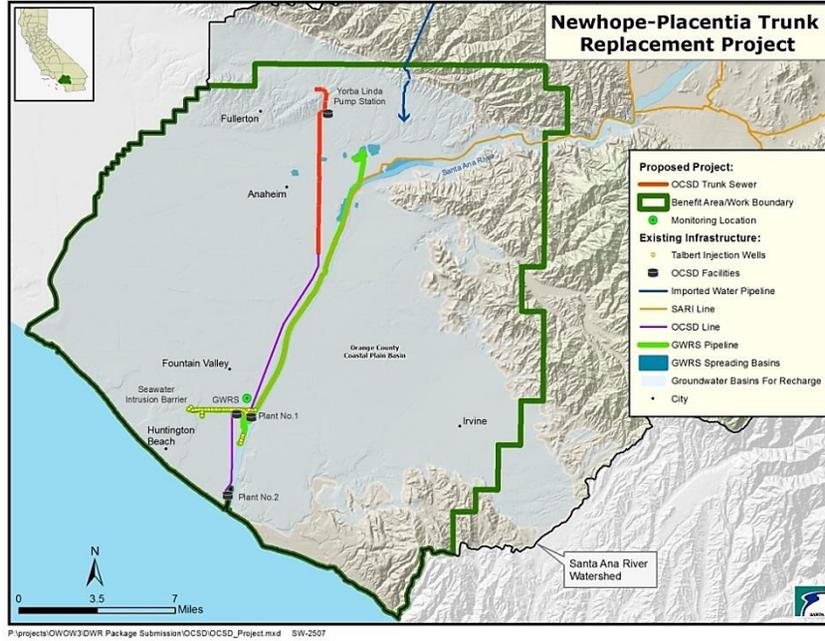
## Regional Map of the Three Projects Included in the 2015 Proposition 84 Integrated Regional Water Management Grant



# Project Maps

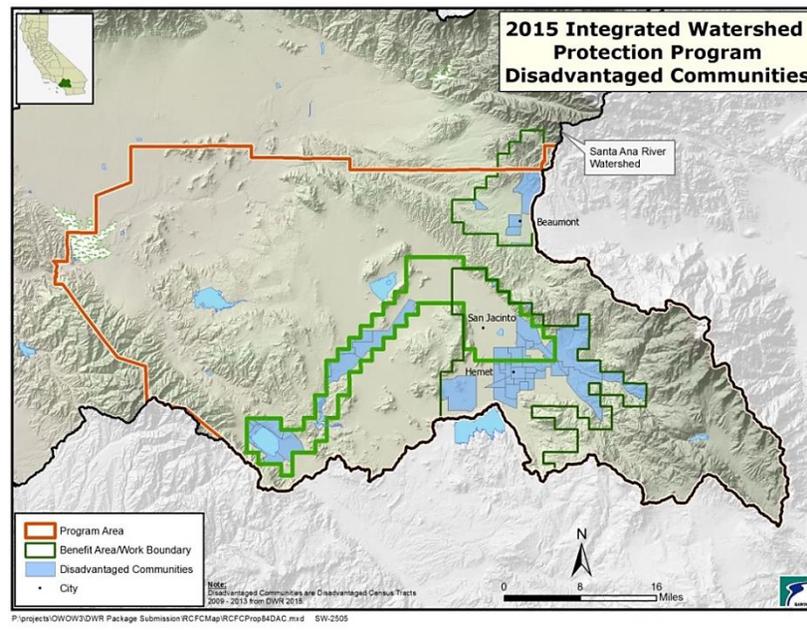
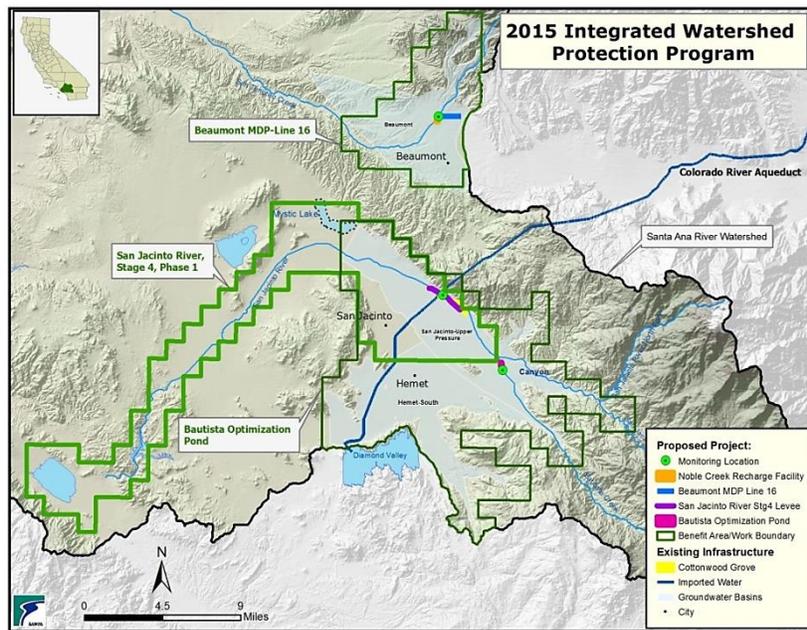
## Newhope-Placentia Trunk Sewer (NHP) Replacement Project 2-72

Implementing Agency: Orange County Sanitation District (OCSD)



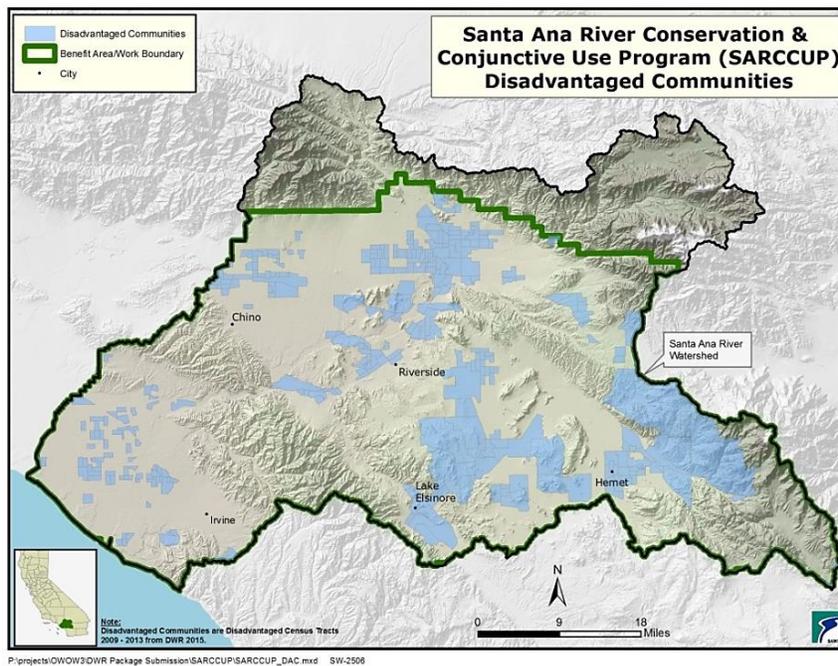
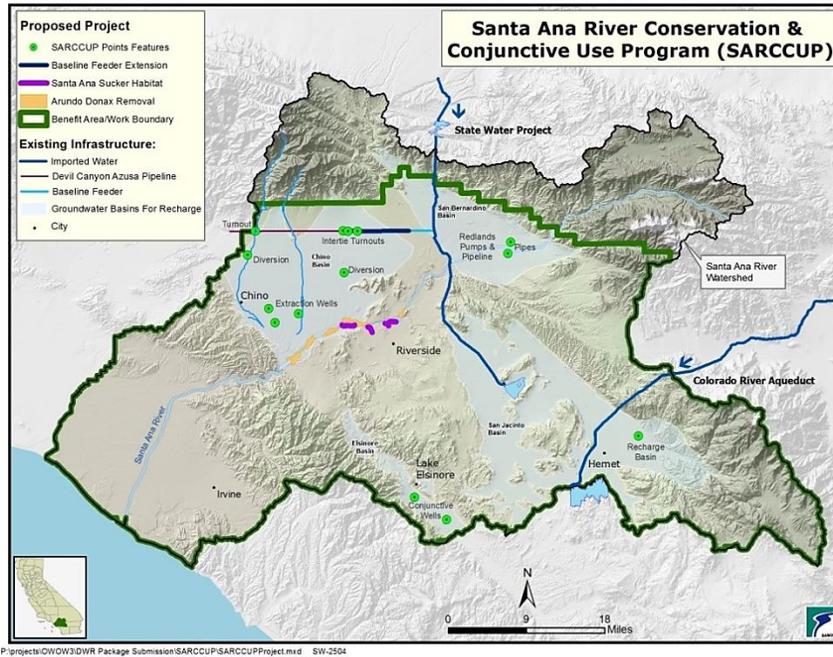
# 2015 Integrated Watershed Protection Program

Implementing Agency: Riverside County Flood Control and Water Conservation District (RCFCWCD)



## Santa Ana River Conservation and Conjunctive Use Program (SARCCUP)

Implementing Agency: The Santa Ana Watershed Project Authority and its five regional member agencies, which provide wholesale water to most of the Santa Ana River Watershed.



**OWOW STEERING COMMITTEE MEMORANDUM NO. 2016.2**

**DATE:** January 28, 2016

**TO:** OWOW Steering Committee

**SUBJECT:** Update on OWOW Project Implementation for Drought Response Funded by the 2014 Proposition 84 Integrated Regional Water Management Grant

**PREPARED BY:** Mark Norton, Water Resources & Planning Manager

**RECOMMENDATION**

Receive and file this summary of OWOW Project Implementation for Drought Response which is funded by the 2014 Proposition 84 Integrated Regional Water Management Grant and local cost share.

**DISCUSSION**

The Project Agreement (PA) 22 Committee has been working to implement the \$23.5 Million Emergency Drought Grant Program (Program) which is being funded by a 2014 Proposition 84 IRWM Grant and local cost share from the SAWPA member agencies, Rancho California Water District and Metropolitan Water District of Southern California. The PA 22 Committee is composed of the five SAWPA member agencies and represented by the general managers of each of the SAWPA member agencies. PA 22 Committee meetings are held at SAWPA at 8:00 a.m., on the fourth Thursday of each month.

The following major actions have occurred since the last OWOW Steering Committee update on the Program that was provided during the May 28, 2015 meeting:

**SUPPORTING RETAIL WATER AGENCIES WITH CONSERVATION-BASED WATER RATES**

The PA 22 Committee approved ten retail water agencies for participation in the Program by allowing each of them to be reimbursed up to \$215,030 in costs related to vetting and adopting conservation-based water rates (also known as budget-based water rates). These retail water agencies include:

1. East Valley Water District
2. Hemet City
3. Chino City
4. Chino Hills City
5. Redlands City
6. Rialto City
7. Riverside City
8. San Jacinto City
9. Tustin City
10. West Valley Water District

Two water agencies have been placed on a waiting list. These include Garden Grove City and Cucamonga Valley Water District. If funding is available due to cancelations, SAWPA will be able to enter into an agreement with agencies on the waiting list.

#### TECHNICAL SUPPORT TO RETAIL WATER AGENCIES

SAWPA staff and Tom Ash from the Inland Empire Utilities agencies met with the 10 retail water agencies between May 2015 and October 2015 to provide technical support regarding conservation-based water rates. Staff and Mr. Ash walked agency staff through the grant process and the logistics of establishing water budgets, tiered pricing and Proposition 218 requirements.

#### RATE MODEL REQUEST FOR QUALIFICATIONS (RFQ)

The PA 22 Committee approved the release of a RFQ to solicit competitive proposals to identify a firm that can facilitate model(s) that analyze retail water agencies' water demand, rates and revenues. Four firms responded to the RFQ. These include A&N Technical Services, Valor Water Analytics, Robert D. Niehaus, Inc., and Raftelis Financial Consultants, Inc. SAWPA's consultant, Dr. Kenneth Baerenklau of U.C. Riverside, analyzed the information provided by the firms and provided a review of his findings. These findings are being used as technical support to retail water agencies who are using rate models to analyze conservation-based water rates.

#### WATERSHED AERIAL MAPPING

The PA 22 Committee approved entering into a contract with Geophex Ltd. for \$179,093 to calculate the irrigated areas on hilly areas and to generate one foot contours. The purpose of the work is to supplement the three inch color and infrared digital imagery that Geophex Ltd. had already acquired for SAWPA earlier in the year with additional data interpretation to account for increased irrigated areas in hilly areas of the watershed. The PA 22 Committee also approved entering into a contract with Statistical Research, Inc., which was issued for \$40,634, to use the aerial imagery delivered from Geophex Ltd. to characterize irrigated areas for each parcel in the service areas of retail agencies who are participating in the conservation-based water rates component of the Program. The data is being provided to the agencies on an ongoing basis as the data is processed by Statistical Research, Inc.

#### TECHNOLOGY BASED INFORMATION SYSTEMS TO SUPPORT RETAIL WATER AGENCIES

The PA 22 Committee approved releasing a Request for Proposals for consultants to develop and implement a web-based water consumption, analytic and customer engagement tool to be used by retail water agencies in the watershed. SAWPA staff and the member agency conservation coordinators reviewed nine proposals, interviewed four proposers, and found the joint proposal from the firms OmniEarth and DropCountr to be superior. The PA 22 Committee approved negotiation and execution of a contract with OmniEarth for an amount not to exceed \$1,695,610. The SAWPA-OmniEarth contract was executed and so far, four retail water agencies (\*) have executed agreements in order to participate in the program and seven are in discussion:

1. Eastern Municipal Water District
2. Fullerton City\*
3. Garden Grove City
4. Irvine Ranch Water District (OmniEarth Only, Not DropCountr)
5. Loma Linda\*
6. Monte Vista Water District
7. Rialto City
8. Riverside City

9. Tustin City\*
10. Western Municipal Water District (Murrieta Division Only)
11. West Valley Water District\*

#### TURF REMOVAL

The SAWPA member agencies, the Municipal Water District of Orange County and Rancho California Water District continue to fund the replacement of turf grass with drought tolerant landscaping across the Santa Ana River and Upper Santa Margarita watersheds through rebates to public agencies and Homeowner Associations. At the request of the member agencies, PA 22 Committee clarified that public agencies include churches. As of November, 2015, 1,821,745 square feet of turf has been removed, which is 37% of the Program's goal of 4,950,000 square feet.

#### BACKGROUND

The PA 22 Committee was established by the SAWPA Commission on October 17, 2014 to make policy decisions regarding the implementation of the Program which includes watershed aerial mapping, tools and support for retail water agencies to implement conservation-based rate structures, web-based and technological tools to encourage conservation, and turf grass replacement.

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## **OWOW STEERING COMMITTEE MEMORANDUM NO. 2016.4**

**DATE:** January 28, 2016

**TO:** OWOW Steering Committee

**SUBJECT:** Proposition 1 2014 California Water Bond

**PREPARED BY:** Mark Norton, Water Resources & Planning Manager

### **RECOMMENDATION**

Receive and file information regarding the Proposition 1 2014 CA Water Bond.

### **DISCUSSION**

On November 4<sup>th</sup>, a new water bond, 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. Further, \$100 million is directed to conservancies across the State with a portion of this funding called out to support trails and ecosystem restoration in the Santa Ana River Watershed.

As indicated in the OWOW 2.0 Plan, our water challenges for the future still are significant and more funding is necessary to support resilient water infrastructure is necessary to achieve the OWOW vision of a sustainable watershed that is drought proofed, salt balanced, and supports economic and environmental vitality in the year 2030. The Proposition 1 Water Quality, Supply and Infrastructure Improvement Act of 2014 will provide funding resources to address the State, as well as the Santa Ana River Watershed.

SAWPA staff has been coordinating with the DWR staff to provide input on the new IRWM guidelines, funding rounds and interpretation of the bond language. New IRWM guidelines and a proposal solicitation package are anticipated to be released in January 2016 for the first round of funding that will focus on Disadvantaged Community Involvement and IRWM planning. SAWPA, through its OWOW 2.0 planning process (2012-2014), conducted an extensive analysis of the Disadvantaged Communities in the watershed and included this as a chapter in the OWOW 2.0 Plan. Shown below were the key findings from that chapter.

#### *Disadvantaged and Tribal Communities Pillar – Key Findings*

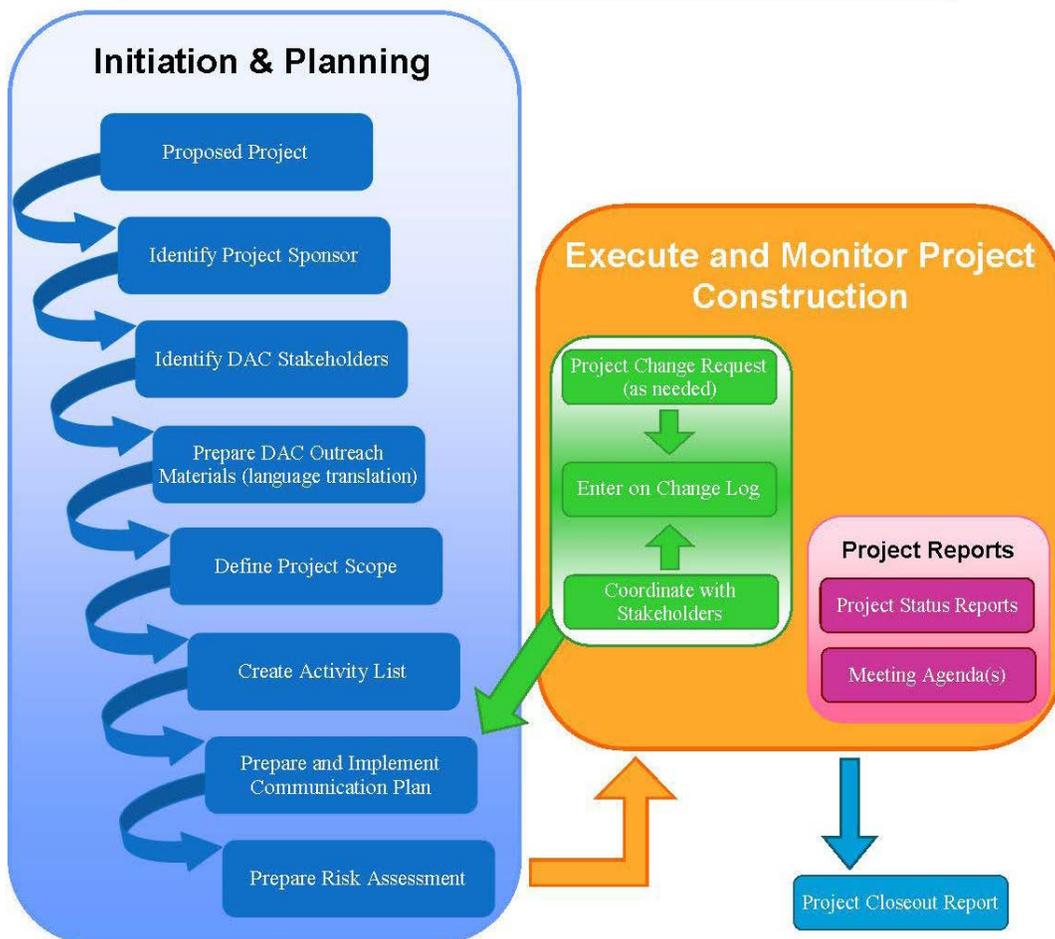
- Engaging Disadvantaged Communities (DACs) and Tribes in water and related resources planning through effective outreach is good for both the community and the water sector itself. There are

distinct differences due to cultural and historic context; however, the two groups have much in common. Both need their voices heard during proposed project development.

- Today, DACs and some Tribes face critical and serious water and related resources challenges, such as failing septic systems, isolation, language barriers, flood risk, and lack of funding and or resources to name a few. It is imperative that the water sector and its key stakeholders recognize proposed DAC and Tribe water project needs, and engage these communities early in the process. The OWOW 2.0 process recognizes the various funding needs for DACs and Tribes, and the Federal and State funding programs available to them.
- After engaging and speaking with DAC residents and listening to their issues and Tribal Council meetings, we see that there is a need for continuous networking resulting in consensus based development and implementation of project solutions.

The OWOW DAC chapter also included the development of a DAC project interaction process as shown below which will provide the foundation for future DAC involvement.

## DAC Project Interaction Flow Chart



The application deadline for the first round is anticipated to be in summer of 2016. Funding for future IRWM implementation projects will likely occur under two future DWR funding rounds anticipated in FY 16-17.

SC2016.4 Prop 1 Water Bond Status

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## **OWOW STEERING COMMITTEE MEMORANDUM NO. 2016.5**

**DATE:** January 28, 2016

**TO:** OWOW Steering Committee

**SUBJECT:** Proposed 2016 Water Bond

**PREPARED BY:** Mark Norton, Water Resources & Planning Manager

### **RECOMMENDATION**

Receive and file information regarding a new CA Water Bond be considered for the 2016 election ballot entitled “The Water Supply Reliability and Drought Protection Act of 2016”.

### **DISCUSSION**

A new water bond called “The Water Supply Reliability and Drought Protection Act of 2016” is being considered for the 2016 November ballot. The author of the bill, Gerald Meral, a former deputy secretary of the state’s Natural Resources Agency, and Director of the CA Water Program under the Natural Heritage Institute, seeks additional funding for programs which were not funded or were underfunded in 2014’s water bond. The 2016 bond’s stated intent is to fund cost effective methods of water development and conservation to meet California’s present and future water needs in a changing climate, including capture of urban drainage and stormwater runoff, groundwater and brackish water desalting, water recycling, groundwater recharge and storage, water conservation, and watershed management, restoration, enhancement and protection. The bond does not provide funding for surface water storage or to Delta water conveyance facilities, other than grants to fix reservoirs used for flood control.

At this time, the 2016 water bond has not called out specific funding for integrated regional water management (IRWM) or projects. No mention is made of IRWMs with the exception of the funding category for “Capture and Use of Urban Runoff and Stormwater” which requires that projects under this category must be consistent with the local IRWM plan. For watersheds support, funding is only defined for the Santa Ana River Watershed as directed to the Santa Ana River Conservancy Program. Funding amounts for this and other categories has not yet been defined.

Overall, with the water challenges for the future as identified in the OWOW plan, additional funding is necessary and important to support resilient water infrastructure and achieve the OWOW vision of a sustainable Santa Ana River watershed that is drought proofed, salt balanced, and supports economic and environmental vitality in the year 2030. The proposed “The Water Supply Reliability and Drought Protection Act of 2016” appears to not recognize the importance of multi-beneficial and integrated regional management approach and projects.

SAWPA staff will continue to monitor the bond development and seek to encourage additional funding support for IRWM to realize the intent and vision of OWOW for the Santa Ana River Watershed.