



...A United Voice for the Santa Ana Watershed

*Steering
Committee
Members*

OWOW STEERING COMMITTEE MEETING

Thursday, July 10, 2014 – 11:00 a.m.
at SAWPA, 11615 Sterling Avenue, Riverside, CA 92503

Ron Sullivan
SAWPA

Don Galleano
SAWPA

Shawn Nelson
Orange County

Marion Ashley
Riverside County

James Ramos
San Bernardino County

Beth Krom
City of Irvine

Ron Loveridge
City of Riverside

Pat Morris
City of San Bernardino

Ali Sahabi
Optimum Group

Garry Brown
Orange County
CoastKeeper

Linda Ackerman
Regional Water
Quality Control Board

AGENDA

1. WELCOME AND INTRODUCTIONS

Ron Sullivan

2. PUBLIC COMMENTS

Ron Sullivan

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).

3. 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. There will be no separate discussion on items prior to the time the Commission votes, unless Commission members, staff, or the public requests one or more specific items be discussed and/or removed from the Consent Calendar for separate action.

A. Approval of Meeting Minutes: May 15, 2014

Recommendation: Approve as posted.

4. INFORMATIONAL ITEMS

A. Proposition 84 Round 2 Grant Agreement with the Department of Water Resources (SC#35)

Ian Achimore

Recommendation: Receive and file.

B. OWOW 2.0 Plan – Review by the Department of Water Resources (SC#36)

Ian Achimore

Recommendation: Receive and file.





...A United Voice for the Santa Ana Watershed

5. **OLD BUSINESS**

A. **[Approval of the Final OWOW 2014 Emergency Drought Grant Solicitation Interregional Landscape Water Demand Reduction Program \(SC#37\)](#)**

Ian Achimore

Recommendation: That the OWOW Steering Committee recommend approval of the final proposal, referred to as the Interregional Landscape Water Demand Reduction Program, developed by the Santa Ana River Watermaster Team for the 2014 Emergency Drought Grant Solicitation.

6. **NEW BUSINESS**

A. **[OWOW 2014 Emergency Drought Grant Solicitation Project Implementation \(SC#38\)](#)**

Ian Achimore

Recommendation: That the OWOW Steering Committee recommend approval of the proposed implementation plan for the OWOW 2014 Emergency Drought Grant Solicitation Project, the Interregional Landscape Water Demand Reduction Program.

7. **UPDATE ON WATER BOND**

Celeste Cantú

8. **ANNOUNCEMENTS**

Proposed 2014 Meeting Calendar:

September 25; 11:00 a.m.

November 20; 11:00 a.m.

9. **ADJOURNMENT**

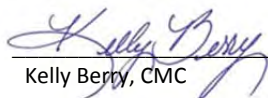
Any person with a disability who requires accommodation in order to participate in this meeting should contact Commission Clerk of the Board Kelly Berry at 951.354.4230, at least 48 hours prior to the meeting to request a disability-related modification or accommodation.

PLEASE NOTE:

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

Declaration of Posting

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Thursday, July 3, 2014, 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.


Kelly Berry, CMC



MEETING MINUTES
OWOW STEERING COMMITTEE

May 15, 2014

PARTICIPANTS PRESENT

Ron Sullivan, Convener	SAWPA
Beth Krom	City of Irvine
Ron Loveridge	City of Riverside
Pat Morris	City of San Bernardino
Garry Brown	Orange County Coastkeeper
Linda Ackerman	Santa Ana Regional Water Board
Ali Sahabi	Optimum Group LLC

OTHERS PRESENT

Paul Jones	Eastern Municipal Water District
Nick Kanetis	Eastern Municipal Water District
Bonnie Wright	Eastern Municipal Water District
Andy Campbell	Inland Empire Utilities Agency
Jason Gu	Inland Empire Utilities Agency
Bob Tincher	San Bernardino Valley Municipal Water District
Mark Tetterer	Irvine Ranch Water District
Bob Ohlund	Dudek
Michael Thornton	TK Engineering
Sanjay Gaur	Raftelis Financial Consultants
Phil Levinson	WaterSMART
Celeste Cantú	SAWPA
Larry McKenney	SAWPA
Ian Achimore	SAWPA
Kelly Berry	SAWPA

The Steering Committee Meeting was called to order at 11:03 a.m. by Convener Ron Sullivan at SAWPA, 11615 Sterling Avenue, Riverside, CA 92503. A quorum was present; however, Don Galleano, Supervisor Nelson, Supervisor Ashley, and Supervisor Ramos were noted as absent.

NEW BUSINESS

OWOW 2014 Emergency Drought Grant Solicitation (SC#32)

Ian Achimore presented the 2014 Emergency Drought Grant Solicitation process and schedule, and noted the upcoming Proposition 84 solicitation is now referred to as the 2014 IRWM Drought Emergency Grant Solicitation, as opposed to Round 3. In reviewing this solicitation process and schedule, and upon further discussions with DWR’s IRWM management, staff has determined this current solicitation is designed to direct funds to those areas most acutely affected by the drought emergency; namely, areas in Northern and Central California.

Committee Member Ali Sahabi arrived at 11:17 a.m.

Given these factors, Mr. Achimore presented three options for the corresponding OWOW solicitation, and noted staff’s recommendation supporting water demand reduction and an abridged process.

Upon motion by Ron Loveridge, seconded by Pat Morris the motion unanimously carried (7-0):

MOVED, approval of the abridged OWOW 2014 Emergency Drought Grant Solicitation process and schedule, and recommend that the Commission approve this abridged OWOW 2014 Emergency Drought Grant Solicitation process and schedule.

with the following vote:

Ayes: Krom, Loveridge, Morris, Sahabi, Brown, Ackerman, Sullivan

Noes: None

Abstain: None

Absent: None

OWOW 2014 Emergency Drought Grant Solicitation Straw Man Proposal (SC#34)

Bob Ohlund of Dudek discussed the Transformation Focused Water Use Efficiency Program proposal, previously referred to as the “Straw Man” proposal. Presentation highlights included effective use of program funding and transformational tools to increase water use awareness by providing a suite of conservation tools for commercial, institutional, and residential customers.

Sanjay Gaur of Raftelis Financial Consultants presented elements of an outdoor efficiency analysis and conservation rate study including education, benchmarking outdoor water use, and a study showing cost and benefits of new conservation water rate structures. He highlighted utilizing programs involving landscape conversion and technology-based conservation to better align customers’ perception of the value of water and its reasonable use.

A discussion ensued regarding the timing and urgency for programs such as this, as well as the cost components for these types of programs. Educational avenues such as programs for local classrooms, interactive websites, and more effective layout of information contained in water bills were discussed as useful means by which agencies can raise awareness.

Pat Morris expressed his support for educating customers by utilizing user-friendly graphics to effectively convey water use levels as compared with other neighborhood households with similar water use requirements.

Beth Krom left the meeting at 12:15 p.m., and did not return.

Linda Ackerman expressed her concern that the program as proposed would encompass removal of functional turf, noting several important uses of functional turf. She supports utilization of water use awareness and conservation tools as a means to educate customers, but voiced concern that information regarding individual household water use levels could be negatively utilized.

Mr. Ohlund expressed appreciation of the opinions expressed by the Committee members, noting there is no one answer for everyone. Garry Brown asked Mr. Ohlund for an estimated time from inception to implementation, to which Mr. Ohlund responded three years.

Upon motion by Ron Loveridge, seconded by Pat Morris the motion unanimously carried (6-0):

MOVED, approval of a program concept developed by the Santa Ana River Watermaster agencies now referred to as the Transformation Focused Water Use Efficiency Program for the OWOW 2014 Emergency Drought Grant Solicitation, and recommend approval by the Commission.

with the following vote:

Ayes: Loveridge, Morris, Sahabi, Brown, Ackerman, Sullivan

Noes: None

Abstain: None

Absent: Krom

OWOW Proposition 84 Round 2 Update, and the Proposal to Replace the Francis Street Storm Drain and Ely Basin Flood Control and Aquifer Recharge Project with the refined project, the Wineville Basin Project (SC#33)

Ian Achimore gave a brief introduction explaining the City of Ontario's funding deficit for the proposed Francis Street Storm Drain and Ely Basin Flood Control and Aquifer Recharge Project. Due to this funding deficit, and working with IEUA staff, the City refined a replacement project with better recharge benefits, the Wineville Basin Project; however, financing associated with the Wineville Basin Project will not be finalized for another 3-5 months from now. Given this funding delay and due to the shortened timeframes for Proposition 84 Round 2 funding, City and IEUA staff approached the Chino Basin Watermaster Appropriative Pool for project funding. During a May 13, 2014 special meeting, the Appropriative Pool agreed to fully fund and implement an approved 2013 RMPU Project, now known as the Lower Day Basin Project, which decision serves as a necessary component for IEUA to enter into grant funding agreements with SAWPA for Proposition 84 funding.

Andy Campbell from the IEUA provided specific information on the Lower Day Basin Project, including project needs and benefits.

Upon motion by Pat Morris, seconded by Linda Ackerman the motion unanimously carried (7-0):

MOVED, approval of the City of Ontario/Inland Empire Utilities Agency's replacement project and Lower Day Basin Project in the Proposition 84 Round 2 Grant Agreement, amend the OWOW 2.0 Plan to include the Lower Day Basin Project replacement project, approve the Lower Day Basin Project, and recommend approval by the Commission.

with the following vote:

Ayes: Loveridge, Morris, Sahabi, Brown, Ackerman, Sullivan

Noes: None

Abstain: None

Absent: Krom

OWOW Proposition 84 Round 2 Update and the City of Fontana Project (SC#31)

Ian Achimore gave a brief introduction, noting the City of Fontana has experienced legal obstacles and site control issues affecting the successful implementation of the project.

A consultant representing the City of Fontana Rogelio Matta addressed the Committee noting the City will continue to pursue the project. The City has received \$10 million for this project from another funding source, and there will be future efforts to secure funding.

Based on the legal obstacles and site control issues experienced by the City, staff requested the Committee consider removal of the project from Proposition 84 Round 2 grant funding, which would result in moving funds appropriated for this project forward to the 2015 funding cycle.

Upon motion by Garry Brown, seconded by Linda Ackerman the motion unanimously carried (7-0):

MOVED, approval and recommended removal of the City of Fontana Vulcan Pit Flood Control and Aquifer Recharge Project in the OWOW Proposition 84 Round 2 Grant Agreement from the funding list.

with the following vote:

Ayes: Loveridge, Morris, Sahabi, Brown, Ackerman, Sullivan

Noes: None

Abstain: None

Absent: Krom

OLD BUSINESS

None.

INFORMATIONAL REPORTS

The Committee concurred to receive and file the following informational reports.

OWOW Proposition 84 Round 1 Update (SC#30)

OWOW Conference, October 14, 2014, Riverside Convention Center

Celeste Cantú announced the October 14, 2014 OWOW Conference, which will be held at the newly remodeled Riverside Convention Center. The conference will highlight previous planning and steps taken that have placed us in a much improved position in handling the drought emergency thus far, as well as what the future may bring.

She announced that in keeping with DWR’s shortened timeframe, there is a need to hold a Special meeting of the OWOW Steering Committee at 11:00 a.m. on Thursday, June 19, 2014, at the SAWPA office, 11615 Sterling Avenue, Riverside, CA 92503.

CONSENT CALENDAR

Upon motion by Ron Loveridge, seconded by Garry Brown the motion unanimously carried (7-0):

MOVED, approval of the Minutes from the Meeting of April 3, 2014.

ANNOUNCEMENTS

2014 Meeting Calendar

June 19	11:00 a.m. (Special)
July 24	11:00 a.m.
September 25	11:00 a.m.
November 20	11:00 a.m.

Announcements/Adjournment

The next meeting will be held on Thursday, June 19, 2014.

There being no further business, Convener Sullivan adjourned the meeting at 12:32 p.m.

APPROVED: July 10, 2014

Ron Sullivan, Convener

OWOW STEERING COMMITTEE MEMORANDUM NO. 35

DATE: July 10, 2014

TO: OWOW Steering Committee

SUBJECT: Proposition 84 Round 2 Grant Agreement with the Department of Water Resources

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

That the OWOW Steering Committee receive and file this status report on the Proposition 84 Round 2 Grant Agreement with the Department of Water Resources.

DISCUSSION

SAWPA has reviewed the draft language of the Proposition 84 Round 2 Grant Agreement and its various provisions that contain deliverables and deadlines to DWR. The draft Grant Agreement is largely the same as the Grant Agreement from Proposition 84, Round 1. SAWPA shared the Grant Agreement with the project proponents for their comment and forwarded the combined comments to DWR.

The draft Grant Agreement has provisions on reporting, required during the implementation of the project, as well as required post-project reporting. The DWR requires post-project reports to summarize all data collected, benefits derived from the project, with quantification of such benefits provided, and an assessment of any differences between the expected versus actual project benefits in meeting IRWM priorities.

The draft Grant Agreement also consists of a workplan, schedule, and budget for each Proposition 84 Round 2 project. SAWPA has been working through the various comments from DWR's different levels of management. The DWR currently has the most up-to-date version of the workplan, schedule, and budget from SAWPA. Staff anticipates that the Grant Agreement will be signed in the next several weeks, and that we will enter into a grant agreement with the project proponents this fall.

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OWOW STEERING COMMITTEE MEMORANDUM NO. 36

DATE: July 10, 2014

TO: OWOW Steering Committee

SUBJECT: OWOW 2.0 Plan: Review by the Department of Water Resources

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

That the OWOW Steering Committee receive and file this status report on the OWOW 2.0 Plan.

DISCUSSION

On June 16, 2014, the Department of Water Resources (DWR) finished their review of the OWOW 2.0 Plan and notified SAWPA that the Plan met each of the Plan Standards reflecting a perfect score. The Plan Standards established by DWR in the 2012 Integrated Regional Water Management (IRWM) Guidelines, reflect legislative requirements based on Proposition 84 and the Integrated Regional Water Management (IRWM) Planning Act, California Water Code (CWC Sec 10530 et seq.).

Pursuant to DWR's IRWM Guidelines, the Plan was posted on DWR's website for 30 days for public comments. The comment period began on May 15, 2014, and ended on June 15, 2014. No comments were received.

An adopted IRWM Plan that is consistent with the 2012 IRWM Guideline Plan Standards is a requirement for 2014 Proposition 84 Emergency Drought Solicitation. Thus, the OWOW 2.0 Plan adopted by the SAWPA Commission in February 2014 will fully meet this grant requirement in the upcoming submittal to DWR.

BACKGROUND

The OWOW 2.0 Plan is the Santa Ana River Watershed's IRWM Plan. The DWR acknowledged receipt of the OWOW 2.0 Plan on March 12, 2014. Along with the Plan, staff submitted the optional DWR Plan Standards checklist, which demonstrated that OWOW 2.0 met each of the Standards. Staff itemized the page and chapter numbers in the checklist to identify the specific content that met the Plan Standards.

Attachments:

1. June 16, 2014, DWR letter
2. Plan Standards Checklist for the OWOW 2.0 Plan

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



June 16, 2014

Ms. Celeste Cantu
General Manager
Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, California 92503

Santa Ana Watershed Project Authority (SAWPA) Integrated Regional Water Management Plan Final Review

Dear Ms. Cantu:

This letter transmits the Department of Water Resources (DWR) final review of the SAWPA Integrated Regional Water Management (IRWM) Plan. The public comment period on DWR's review of the SAWPA IRWM Plan has closed and no public comments were received. DWR has determined that the SAWPA IRWM Plan is consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2012 IRWM Program Guidelines. The final review is posted on the following link:
<http://www.water.ca.gov/irwm/grants/prp.cfm>.

If adopted by the Regional Water Management Group and project proponents, by the appropriate dates, the SAWPA IRWM Plan IRWM Plan will satisfy the terms of the Round 1 and Round 2 Implementation Grant Agreement's default clause and the adopted plan eligibility criteria for the 2014 Drought Solicitation. The grant agreement and grant solicitation have separate dates for adoption compliance.

To simplify submitting proof of adoption, DWR will compile and track this information and inform DWR grant managers and grant application review teams appropriately. You may submit proof of adoption material as often as necessary. When submitting information, please fill out and the IRWM Plan Adoption Form, found at:
<http://www.water.ca.gov/irwm/grants/resourceslinks.cfm>, along with scanned proof of adoption, and then submit the material directly to Craig Cross at the email address listed below.

If you have any questions, please contact Craig Cross at (916) 651-9204 or Craig.Cross@water.ca.gov

Sincerely,

A handwritten signature in cursive script that reads "Tracie L. Billington".

Tracie L. Billington, P.E. Chief
Financial Assistance Branch
Division of Integrated Regional Water Management

INTRODUCTION

IRWM planning regions must have an IRWM Plan that has been reviewed and deemed consistent with the 2012 IRWM Plan Standards by DWR for eligibility to receiving Round 3 Proposition 84 funding. This 2012 IRWM Plan Standards Review Form for DWR staff use provides a consistent means in determining whether the 2012 IRWM Guidelines are being addressed in the IRWM Plan. It is part of the Plan Review Process that will begin prior to Round 3 solicitation. The form is similar to a grant application review form in that there is a checklist for each of the 16 Plan Standards and narrative evaluations where required. However, the evaluation is pass/fail; there is no numeric scoring. Each Plan Standard is either sufficient or not based on its associated requirements. Each Standard consists of between one and fourteen requirements. A Yes or No is automatically calculated in each Plan Standard header based on the individual requirement evaluations. In general, a passing score of "C" (i.e. 70% of the requirements for a given Plan Standard) is required for a Standard to pass. Standards with only one or 2 requirements will need one or both of those requirements to pass. Standards with 3 requirements will need at least 2 of the requirements to pass. Standards with 4 or 5 requirements will need at least 3 to pass. Some plan elements are legislated requirements. Such plan elements must be met in order to be considered consistent with plan standards. A summary of the sufficiency of each Standard is automatically calculated on the Standards Summary worksheet. A "No" evaluation indicates that a Standard was not met due to insufficient requirements comprising the Standard. The evaluation for each Plan Standard and any associated insufficiencies is automatically compiled on the Standards Summary page. Additional reviewer comments may be added at the bottom of each standards work sheet.

Note: This review form is meant to be a tool used in conjunction with the 2012 IRWM Guidelines document to assist in the evaluation of IRWM plans. It is not designed to be a substitute for the Guidelines document itself. Reviewers must use the Guidelines in determining plan consistency.

DEFINITION OF TABLE HEADINGS

IRWM Plan Standard: As named in the November 2012 IRWM Prop 84 and 1E Guidelines.

Overall Standard Sufficient: This field is either "YES" or "NO" and is automatically calculated based on the "Sufficient" column described below. If all fields are "y", the the overall standard is deemed sufficient. Any entry other than a "y" in the Sufficient column (i.e. "n", "?", not sure, more detail needed, etc.) results in a NO.

Plan Standard Requirements Which Must Be Addressed **Fields with an asterisk * are required by legislation to be included in an IRWM Plan.**

Requirement	Requirements are taken directly from the November 2012 Guidelines.
Included	Is the Guideline Requirement included in the IRWM Plan? The options are: y = yes, requirement is included in the IRWMP; or n = no, requirement is not included in the IRWMP. If only y or n then presence/absence of the requirement is sufficient for evaluation. If there is a "q" (qualitative) then add a brief narrative, similar to a Grant Application Review public evaluation or supporting information.
Plan Standard Source	
2012 IRWM Grant Program Guidelines Source Page(s)	Page(s) in the Guidelines (November 2012) which pertain to the Requirement.
Legislative Support and/or Other Citations	The CWC or other regulations that pertain to the Requirement, if applicable . This is for reference purposes. The cell links to a weblink of the regulatory code.
Evidence of Sufficiency	
Location of Standard in Grantee IRWM Plan	The page(s) or sections in the IRWM Plan where information on the Requirement can be found. This can be specific paragraphs or entire chapters for more general requirements.
Brief Qualitative Evaluation Narrative	Supporting information for the Requirement if a "q" is in the Included column. This can be just a few sentences or a paragraph and can be taken directly from the IRWM Plan. Comments or supporting information may be entered regardless of whether required.
Sufficient	Is the Guidelines requirement sufficiently represented in the IRWM Plan (y/n).

2012 IRWM Plan Standards Review Form

Regional Acceptance Process Planning Region: Santa Ana Watershed Project Authority (SAWPA)

Regional Water Management Group: SAWPA

IRWM Plan Title: One Water One Watershed 2.0 Plan

PLAN IS SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient	Requirement(s) Insufficient
Governance	Yes	
Region Description	Yes	
Objectives	Yes	
Resource Management Strategies	Yes	
Integration *	Yes	
Project Review Process	Yes	
Impact and Benefit	Yes	
Plan Performance and Monitoring	Yes	
Data Management	Yes	
Finance	Yes	
Technical Analysis	Yes	
Relation to Local Water Planning	Yes	
Relation to Local Land Use Planning	Yes	
Stakeholder Involvement	Yes	
Coordination	Yes	
Climate Change	Yes	

* If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

Additional Comments:

IRWM Plan Standard: Governance					Overall Standard Sufficient	Yes
Requirement	Included	Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.	2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document a governance structure to ensure updates to the IRWM Plan						
The name of the RWMG responsible for implementation of the IRWMP	y/n	18/35	CWC §10539	2.1; 8		y
A description of the IRWM governance structure	y/n	19/36		2.1; All		y
A description of how the chosen form of governance addresses and ensures:						
Public outreach and involvement processes	y/n/q	19/36-37	§10540, §10541	2.1; 1-13 , 2.2; All , 2.3; 1	Public out reach efforts include E-mail distributions, web-based document management, newsletters, specific targeted e-mail distribution based on subject of interest, podcasts, Twitter feed, and public forums, meetings, and presentations.	y
Effective decision making	y/n/q	19/37		2.1; 1-8 , 12-13	Governance includes a steering committee consisting of 11 representatives from throughout the watershed to act as the oversight body that performs strategic decision making. The other arm to the decision making process includes the management function conducted by the Santa Ana Watershed Project Authority (SAWPA).	y
Balanced access and opportunity for participation in the IRWM process	y/n/q	19/37		2.2; All	Participants from numerous agencies and organizations serve on committees to address water management planning, including water supply reliability, water quality improvement, water conservation, climate change, land use, flood risk management, and environment and habitat enhancement.	y
Effective communication – both internal and external to the IRWM region	y/n/q	19/37-38		2.2; All , 2.3; 6-7	The plan has been implemented to allow for discussions of major water resource issues, concerns, problems, goals, and objectives, and potential solutions to originate and be fully vetted at the stakeholder level. External communication includes participation in the Roundtable of Regions forum.	y
Long term implementation of the IRWM Plan	y/n/q	19/38		2.1; 7, 11-20 , 4.1; 1-2	The planning approach included an emphasis on building a collaborative approach amongst stakeholders to help meet long-term (2025 time horizon) goals and objectives in an integrated and multi-beneficial manner.	y
Coordination with neighboring IRWM efforts and State and federal agencies	y/n/q	19/38		2.3; 6-7 , 5.12; All	The plan will be provided to cities, counties, water suppliers, nonprofit organizations, and other regional and State agencies for use in their water resource planning efforts. It is anticipated that the findings will support planning efforts and updates to General Plans, Strategic Plans, and other plans and programs.	y
The collaborative process(es) used to establish plan objectives	y/n/q	19/38		2.3; 3-4 , 4.2; 1-4	The collaborative processes are described in detail under "OWOW Governance" and "SAWPA Administration".	y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	19/38		2.1; 18-19	The plan will be a "living document" and will be updated every three to five years in a coordinated manner with local, regional and statewide plans. Plan updates will be formally adopted by the Steering Committee and ratified by the SAWPA Commission.	y
Updating or amending the IRWM Plan	y/n/q	19/38		2.1; 18-20	See description above	y
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	35		CWC §10543	2.1; 20	The plan is in accordance with Section 6066 of the California Government Code with respect to notice of intention (NOI) publication. For example, SAWPA published a formal NOI prior to preparation of the plan in September 2011 and also prior to adoption in February 2014.

IRWM Plan Standard: Region Description					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally	y/n		20	--	Chapter 3, p. 31		y
Describe watersheds and water systems	y/n		19/39	PRC §75026.(b)(1) and CWP Update 2009	Chapter 3, p. 1 - 5; 13 - 17		y
Describe internal boundaries	y/n		19/39	--	Chapter 3, p. 4 Figure 3-3; Chapter 5.5		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n		19/39	--	Chapter 5.1, p. 4 - 6		y
Describe water quality conditions	y/n		19/40	--	Chapter 3, p. 11; Chapter 5.2		y
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	y/n/q		19/40	--	Chapter 5.11, all; Chapter 3, p. 12	Current population and population growth projections are found in Chapter 3. Specifics on DAC's and tribal communities with respect to their water challenges are addressed in Chapter 5.11.	y
Describe major water related objectives and conflicts *	y/n/q		19/40	§10541. (e)(3)	Chapter 3; Chapter 5	Chapter 3 includes information on the conflicts surrounding the disposal of brine and groundwater management. Chapter 6 includes an outline of plan objectives.	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q		19/40	--	Chapter 3, p. 1	Discussed in the first section of Chapter 3 with a description their watershed-based approach and definition of the Santa Ana watershed.	y
Describe neighboring and/or overlapping IRWM efforts	y/n		19/40	--	Chapter 4, p. 14, 29		y
Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	y/n		38	--	Chapter 4, p. 14		y

* Requirement must be addressed.

IRWM Plan Standard: Objectives					Overall Standard Sufficient	Yes
Requirement	Included	Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.	2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Qualitative Narrative	y/n
Through the objectives or other areas of the plan, the 7 items on pg 41 of GL are addressed.*	y/n	20/40 - 41	§10540.(c)	4.1; All , 4.2; All , 4.3; All , 5.4; All , 5.5; All , 5.9; 5.10 , 6-31; All , 5.11; All , Appendix G; All		y
Describe the collaborative process and tools used to establish objectives: - How the objectives were developed - What information was considered (i.e., water management or local land use plans, etc.) - What groups were involved in the process - How the final decision was made and accepted by the IRWM effort	y/n	20/41	--	4.1; All , 4.2; 1-7 , 4.3; All		y
Identify quantitative or qualitative metrics and measureable objectives: Objectives must be measurable - there must be some metric the IRWM region can use to determine if the objective is being met as the IRWM Plan is implemented. Neither quantitative nor qualitative metrics are considered inherently better. *	y/n/q	20/41 - 42	10541.(e)	Executive Summary; 5-7, 4.1; 1-3 , 4.2; All , 4.3; All	Measureable objectives are listed under "Targets" in Figure 4.3-1. In order to reach the goals listed in this section, quantifiable targets are set. Refer to Table 4.3-1 includes measureable performance targets for the year 2035. This Table indicates quantitative metrics that will be used to determine whether the goals have been met.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	20/42-43	--	4.3, all	SAWPA chose not to prioritize the goals, objectives, or targets with the understanding that each objective is equally important relative to the others, given that the plan is intended to be a truly integrated plan.	y
Reference specific overall goals for the region: RWMGs may choose to use goals as an additional layer for organizing and prioritizing objectives, or they may choose to not use the term at all.	y/n	43	--	4.1; 1-2 , 4.2; All , 4.3; All		y

* Requirement must be addressed.

IRWM Plan Standard: Resource Management Strategies (RMS)					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP) RMS criteria (29) listed in Table 3 from the CWP Update 2009 *	y/n		20/43	CWP Update 2009 Volume II; 10541(e)(1)	5.1; All , 5.2; 1-5 , 5.3; 1-4		y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n		20/43	--	5.2; 2		y
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n		44	--	5.2; 3-4		y

* Requirement must be addressed.

IRWM Plan Standard: Integration				Overall Standard Sufficient		Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contains structure and processes for developing and fostering integration ¹ : <ul style="list-style-type: none"> - Stakeholder/institutional - Resource - Project implementation 	y/n/q		20/44 - 45	§10540.(g); §10541.(h)(2)	Executive Summary; 17-21 , 2.1; All , 2.2 ; All , 2.3; All , 5.3; All , 5.14; All	Addressed in detail in section 2.1, 2.2, 2.3, and 5.3.	y

1. If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

IRWM Plan Standard: Project Review Process				Overall Standard Sufficient	Yes		
Requirement	Included	Plan Standard Source		Evidence of Sufficiency			
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.	2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n	
Process for projects included in IRWM plan must address 3 components: - procedures for submitting projects - procedures for reviewing projects - procedures for communicating lists of selected projects	y/n	20/45	§75028.(a)	6.0; All , Appendix L; All		y	
Does the project review process in the plan incorporate the following factors:							
How a project contributes to plan objectives	y/n	20		6.0; 1, 4 , Appendix L; 8			y
How a project is related to Resource Management Strategies identified in the plan.	y/n	20		6.0; 4 , Appendix L; 10			y
The technical feasibility of a project.	y/n	20		6.0; 4 Appendix L; 8, 9, 14-16, 18			y
A projects specific benefits to a DAC water issue.	y/n	20		6.0; 4 , Appendix L; 11			y
Environmental Justice considerations.	y/n	20		6.0; 4 , Appendix L; 11			y
Project costs and financing	y/n	20		6.0; 4 , Appendix L; 13, 17			y
Address economic feasibility	y/n	21		6.0; 4 , Appendix L; 13-15, 17			y
Project status	y/n	21		6.0; 4 , Appendix L; 8, 16			y
Strategic implementation of plan and project merit	y/n	21/48		6.0; 4 , Appendix L; 8, 10, 14-15			y
Project's contribution to climate change adaptation	y/n	21		6.0; 4 , Appendix L; 5, 14-15			y
Contribution of project in reducing GHGs compared to project alternatives	y/n	21		6.0; 4 , Appendix L; 5, 14-15			y
Status of the Project Proponent's IRWM plan adoption	y/n	21		6.0; 5, 13 , Appendix L; 3, 8			y
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n	21		6.0; 5, 13 , Appendix L; 14			y

IRWM Plan Standard: Impact and Benefit					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Discuss potential impacts and benefits of plan implementation within IRWM region, between regions, with DAC/EJ concerns and Native American Tribal communities	y/n		21	--	7.0; all		y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n		49	--	6.0; 6-13 , 9.0; 3		y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n		50	--	6.0; 13-15 , 9.0; 1-4		y

IRWM Plan Standard: Plan Performance and Monitoring					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain performance measures and monitoring methods to ensure that IRWM objectives are met *	y/n		21/53	PRC §75026.(a)	Executive Summary ; 5-7 , 4.2; All , 4.3 ; All , 9.0; 1-5, 9-22		y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n		21/53		9.0; 1 - 8		y

* Requirement must be addressed.

IRWM Plan Standard: Data Management					Overall Standard Sufficient	Yes
Requirement	Included	Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.	2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Describe data needs within the IRWM region	y/n	54	--	9.0; 3-4		y
Describe typical data collection techniques	y/n	54	--	9.0; 3-4		
Describe stakeholder contributions of data to a data management system	y/n	54	--	9.0; 3-4		y
Describe the entity responsible for maintaining data in the data management system	y/n	54	--	9.0; 3-9		y
Describe the QA/QC measures for data	y/n	54	--	6.0; 5		y
Explain how data collected will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State, and federal agencies *	y/n	54	--	Executive Summary; 3-5 , 9.0; 1-4 , 9-10		y
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n	54	--	9.0: 3		y
Outline how data saved in the data management system will be distributed and remain compatible with State databases including CEDEN, Water Data Library (WDL), CASGEM, California Environmental Information Catalog (CEIC), and the California Environmental Resources Evaluation System (CERES).	y/n	54	--	9.0: 3-4		y

* Requirement must be addressed.

IRWM Plan Standard: Finance				Overall Standard Sufficient		Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs* including the following:	y/n		21	§10541.(e)(8)	8.0; All		y
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	y/n		21		8.0; 3-7		y
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	y/n		21		8.0; 8-32, Appendix L; 13		y
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	y/n		21		8.0; 3-7 , 16-17, Appendix L; 13		y
An explanation of how operation and maintenance (O&M) costs for projects that implement the IRWM Plan would be covered and the certainty of operation and maintenance funding.	y/n		21		8.0; 16-17, Appendix L; 13		y

* Requirement must be addressed.

IRWM Plan Standard: Technical Analysis					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document the data and technical analyses that were used in the development of the plan *	y/n		22	--	9.0; 3-8		y

* Requirement must be addressed.

IRWM Plan Standard: Relation to Local Water Planning					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify a list of local water plans used in the IRWM plan	y/n		22	§10540.(b)	1.4; 10		y
Discuss how the plan relates to these other planning documents and programs	y/n		22		1.4; 3-10		y
Describe the dynamics between the IRWM plan and other planning documents	y/n		22		1.4; All		y
Describe how the RWMG will coordinate its water mgmt planning activities	y/n		58		1.4; All , 2.3; All , 5.4; 1-4 , 5.10; 1-22		y

IRWM Plan Standard: Relation to Local Land Use Planning					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document current relationship between local land use planning, regional water issues, and water management objectives	y/n		22/59 - 62	--	5.7; 1-18		y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n		22/59 - 62	--	5.7; 3, 49-55		y

IRWM Plan Standard: Stakeholder Involvement					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain a public process that provides outreach and opportunity to participate in the IRWM plan *	y/n		22/63	§10541.(g)	Executive Summary; 8, 2.1; 2-4, 14-20, 2.2; All, 2.3; 1-4		y
Identify process to involve and facilitate stakeholders during development and implementation of plan regardless of ability to pay; include barriers to involvement *	y/n		64	§10541.(h) (2)	2.1; 14-20, 2.2; All, 5.11, 1-7		y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n		23	--	2.1; 17-18, 2.2; 2, 6, 9, 5.11; All		y
Describe decision-making process and roles that stakeholders can occupy	y/n		23	--	2.1; 14-20, 2.2; 10-16		y
Discuss how stakeholders are necessary to address objectives and RMS	y/n		23	--	2.1; 14-20, 2.2; 1-9		y
Discuss how a collaborative process will engage a balance in interest groups	y/n		23	--	2.1; 14-20, 2.2; All, 2.3; 1-2		y

* Requirement must be addressed.

IRWM Plan Standard: Coordination					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies *	y/n		23/65	§10541.(e)(13)	Executive Summary; 15-21 , 2.3; 1-4		y
Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts	y/n		23/65	--	2.3; 6-7 , 5.10; 1-22		y
Identify areas where a state agency or other agencies may be able to assist in communication or cooperation, or implementation of IRWM Plan components, processes, and projects, or where State or federal regulatory decisions are required before implementing the projects.	y/n		23	--	5.12; All		y

* Requirement must be addressed.

IRWM Plan Standard: Climate Change				Overall Standard Sufficient		Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning *	y/n		23/66 - 73	Climate Change Handbook vulnerability assessment: http://www.water.ca.gov/climatechange/CCHandbook.cfm ; November 2012 Guidelines Legislative and Policy Context, p. 66 §10541.(e)(11)	Executive Summary; 3, 5.13; 12-38, Appendix F2, F3		y
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n		23/68		5.13; 22 - 27, Appendix L; 14-15		y
Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM's decision making process.	y/n		23/66 - 73		5.13; 23-24, Appendix F3		y
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n		23/66 - 73		5.13; 36-38		y
Include climate change as part of the project review process	y/n		23/68		5.13; 22 - 27, Appendix L; 14-15		y

* Requirement must be addressed.

Regulatory Citation	Link	Notes
IRWM Prop 84 and 1E Guidelines	http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf	DWR November 2012 Guidelines - Final
CWC §10539	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10532-10539	
CWC §10540, §10541	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	
CWC §10543	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	
PRC §75026, §75028, CWP Update 2009, and California Watershed Portal	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=75001-76000&file=75020-75029.5	The Department of Water Resources shall give preference to proposals that satisfy the criteria specified in PRC §75026.(b)(1). §75028.(a) - the department shall defer to approved local project selection, and review projects only for consistency with the purposes of Section 75026.
	http://www.waterplan.water.ca.gov/cwpu2009/index.cfm	2009 California Water Plan Volumes I and II
	http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx	California Watershed Portal
§10541. (e)(3)	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	

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OWOW STEERING COMMITTEE MEMORANDUM NO. 37

DATE: July 10, 2014

TO: OWOW Steering Committee

SUBJECT: Approval of the Final OWOW 2014 Emergency Drought Grant Solicitation
Interregional Landscape Water Demand Reduction Program

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

It is recommended that the OWOW Steering Committee recommend approval of the final proposal, referred to as the Interregional Landscape Water Demand Reduction Program, developed by the Santa Ana River Watermaster Action Team for the 2014 Emergency Drought Grant Solicitation.

DISCUSSION

At its May 15, 2014 meeting, the OWOW Steering Committee approved a program concept developed by the Santa Ana River Watermaster agencies, then referred to as the Transformation Focused Water Use Efficiency Program, for the OWOW 2014 Emergency Drought Grant Solicitation.

Subsequent to that meeting, the Santa Ana River (SAR) Watermaster Action Team has worked with Dudek and Associates to develop the final proposal for the 2014 Emergency Drought Grant Solicitation. If recommended for approval by the OWOW Steering Committee, it would go to the SAWPA Commission for their consideration in time for the Department of Water Resources (DWR) application due date of July 21, 2014. The interregional proposal, at a total project cost of \$22 million, would request \$12.8 million in Proposition 84 funding. \$11.7 million of the grant funds would be coming from the Santa Ana Funding Area and the remaining \$1.1 million from the San Diego Funding Area.

Immediate and sustainable water conservation will be achieved by removing turf, providing feedback to customers on their water use, and/or implementation of conservation based rate structures. This program is grouped into these three main components:

- 1) Turf Removal for Commercial/Institutional/Homeowners Association (HOA) Parcels
- 2) Technology-Based Information Systems
- 3) Development of Conservation-Based Water Rates

The program can be immediately implemented to mitigate drought reduction of water supply with water savings commencing in the first year and fully implemented with 14,109 acre-feet per-year water savings within three (3) years. It is a multi-agency collaborative effort to implement water conservation across two watersheds, three counties, six regional water agencies and 100 retail water agencies. The lead program proponent will be SAWPA, with implementation to be administered by a new SAWPA Project Implementation Committee composed of the San Bernardino Valley Municipal Water District (WMWD), Eastern Municipal Water District (EMWD), Inland Empire Utilities Agency, Orange County Water District and Western Municipal Water District.

The final proposal reflects an interregional Integrated Regional Water Management (IRWM) proposal in which IRWM grant funding is also requested by the Upper Santa Margarita Watershed IRWM from the San Diego Funding Area portion to support the SAWPA IRWM grant submittal to extend the

proposal's work into areas of EMWD, WMWD and Rancho California Water District in the Upper Santa Margarita IRWM area. The Upper Santa Margarita Watershed grant total would be \$1.1 million.

Further Background

- 1) The Turf Removal for Commercial/Institutional/HOA Parcels component will integrate grant funds with local agencies' turf removal programs to target Commercial/Institutional/HOA's large turf parcels. It will provide an additional \$1 per square foot funding (total up to \$3 per square foot) to better incentivize non-residential parcels to remove 4 million square feet of turf.
- 2) The Technology-Based Information System component will include water consumption reporting by using software and web-based information to deliver personalized water use efficiency information to customers. Water consumption reporting will reach 150,000 customers resulting in an estimated conservation and cumulative reduction of imported water need by 9,700 AFY in three years. The system will be integrated into the agencies active water use efficiency program and will deliver individualized water consumption reports to retail water agency customers showing comparisons of household water use to similar homes and customized messaging and recommendations for taking water conservation actions.
- 3) The Development of Conservation Based Water Rates component will be implemented for up to ten (10) water agencies in addition to educating policy makers and staff of the majority of agencies in the watershed on the benefit of creating an outdoor efficiency benchmark standard for conservation-based rates. Assuming an average five percent (5%) demand reduction (different rate structures will have varying effectiveness on conservation), average annual water demand will decrease by approximately 4,800 AFY in three years.

To supplement the components of the program, high resolution imagery with infrared and remote sensing technology (Light Detection and Ranging or "Lidar") would be taken during a fly over of the urban areas of the watershed. The resulting data would allow entities to implement these components of the program. It could provide vegetated area classification for land parcels and potentially help develop a water budget development for each parcel. Economies of scale will reduce the cost of this mapping, and also provide this tool to water agencies that might not otherwise utilize this technology due to cost constraints.

OWOW STEERING COMMITTEE MEMORANDUM NO. 38

DATE: July 10, 2014

TO: OWOW Steering Committee

SUBJECT: OWOW 2014 Emergency Drought Grant Solicitation Project Implementation

PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

That the OWOW Steering Committee recommend approval of the proposed implementation plan for the OWOW 2014 Emergency Drought Grant Solicitation Project, the Interregional Landscape Water Demand Reduction Program.

DISCUSSION

The Interregional Landscape Water Demand Reduction Program is a multi-agency collaborative effort to implement water conservation across two watersheds, three counties, six regional water agencies, and 100 retail water agencies.

There are four portions of the Program:

1. Conservation Based Rate Structures Planning
2. Commercial, Institutional, & HOA Turf Removal
3. Technology-Based Information Systems Outreach
4. Aerial Imagery/Mapping

To implement the four portions of the Program, SAWPA will administer two project implementation committees:

- **Project Implementation Committee** - Composed of the five SAWPA Commissioners, or their designees.
- **Water Use Efficiency Technical Committee (Technical Committee)** - Composed of water use efficiency or water resource staff from the five SAWPA Member Agencies, and SAWPA staff.

The Project Implementation Committee will meet monthly and the Technical Committee will meet every two months over the duration of the implementation of the Program, January 1, 2015 through December 31, 2017, or until the project is completed. Progress reports will be provided to the OWOW Steering Committee and the SAWPA Commission.

SAWPA staff will administer the Committees by using the best data and management techniques available to reach the implementation benchmarks, and produce the monitoring plans that will define what data is presented in the post-performance reporting. The Technical Committee will define several issues over the period of implementation, including the criteria of the turf removal, whether the conservation-based rate structures element can be expanded to commercial institutions, the specific areas within the watershed that will be mapped, and aggregating the water use data from the retail agencies.