



S A W P A

SANTA ANA WATERSHED PROJECT AUTHORITY
11615 Sterling Avenue, Riverside, California 92503 • (951) 354-4220

NOTICE OF REGULAR MEETING OF THE PROJECT AGREEMENT 22 COMMITTEE

Interregional Landscape Water Demand Reduction Program

Committee Members:
Joe Grindstaff, General Manager, Inland Empire Utilities Agency
Doug Headrick, General Manager, San Bernardino Valley Municipal Water District
Paul D. Jones, General Manager, Eastern Municipal Water District, Chair
Michael Markus, General Manager, Orange County Water District, Vice Chair
John Rossi, General Manager, Western Municipal Water District

THURSDAY, JANUARY 26, 2017 – 8:00 A.M.

AGENDA

1. **CALL TO ORDER** (Paul D. Jones, Chair)
2. **PUBLIC COMMENTS**
Members of the public may address the Committee on items within the jurisdiction of the Committee; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).
3. **APPROVAL OF MEETING MINUTES: DECEMBER 22, 2016** 3
Recommendation: Approve as posted.
4. **COMMITTEE DISCUSSION ITEMS**
 - A. **PRESENTATION ON CALIFORNIA DATA COLLABORATIVE EXECUTIVE ORDER PROGRAMS AND OUTDOOR WATER EFFICIENCY SURVEY (PA22#2017.1)** 9
 - Staff Memo
 Recommendation: Receive and file.
5. **FUTURE AGENDA ITEMS**

6. ADJOURNMENT

PLEASE NOTE:

Americans with Disabilities Act: Meeting rooms are wheelchair accessible. If you require any special disability related accommodations to participate in this meeting, please contact (951) 354-4220 or kberry@sawpa.org. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests should specify the nature of the disability and the type of accommodation requested.

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

Declaration of Posting

I, Kelly Berry, Clerk of the Board of the Santa Ana Watershed Project Authority declare that on Thursday, January 19, 2017, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted in SAWPA's office at 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

2017 Project Agreement 22 Committee Regular Meetings

Fourth Thursday of Every Month

(Note: All meetings begin at 8:00 a.m., unless otherwise noticed, and are held at SAWPA.)

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

*Meeting date adjusted due to conflicting holiday.



PROJECT AGREEMENT 22 COMMITTEE
Interregional Landscape Water Demand Reduction Program
REGULAR MEETING MINUTES
December 22, 2016

COMMITTEE MEMBERS PRESENT

Joseph P. Grindstaff, General Manager, Inland Empire Utilities Agency
Doug Headrick, General Manager, San Bernardino Valley Municipal Water District
Paul D. Jones, General Manager, Eastern Municipal Water District [Chair]
Michael Markus General Manager, Orange County Water District [Vice Chair]

COMMITTEE MEMBERS ABSENT

John Rossi, General Manager, Western Municipal Water District

STAFF PRESENT

Larry McKenney, Celeste Cantú, Mark Norton, Ian Achimore, Zyanya Blancas

1. CALL TO ORDER

The meeting was called to order at 8:16 a.m. by Chair Jones at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

2. PUBLIC COMMENTS

There were no public comments.

The Committee next considered Agenda Item 4.C.

4. COMMITTEE DISCUSSION ITEMS

C. CONSERVATION-BASED WATER RATES PROJECT POLICY AND SCHEDULING (PA22#2016.30)

Ian Achimore provided a PowerPoint presentation report recommending that the Committee provide feedback on the City of Chino Hills and City of Rialto meeting the policy statement requirements for outdoor budgets; provide feedback on the letter provided by Cucamonga Valley Water District (CVWD) with consideration of budget projections; waive the Conservation-Based Water Rates policy statement deadline of December 31, 2016 for a draft rate study to be provided to their individual boards by December 2016.

City of Chino Hills and City of Rialto on Meeting the Policy Statement Requirements for Outdoor Budgets

Nadeem Maja, Public Works Director, was present from the City of Chino Hills. Achimore stated that the City of Chino Hills used SAWPA's aerial mapping data to analyze their parcel data and compute their average irrigated area, which was 33% of parcel size. That 33% parcel size was assigned to their residential customers in their rate study. If their rate study

is approved by their board, residential customers will then have a set budget for outdoor use. The City is also contemplating using winter and summer averages for evapotranspiration as opposed to monthly averages. The City is in the process of upgrading their financial system, which will have a greater ability to accommodate Conservation-Based Water Rates.

The City of Rialto is working with OmniEarth as a general GIS consultant. They plan to use high resolution data from OmniEarth as opposed to the SAWPA aerial mapping data. This approach allows the City of Rialto to receive their data sooner.

Cucamonga Valley Water District (CVWD) Scheduling Change Request

CVWD requested a time extension to implement their rate structure. Approximately \$50,000 in SAWPA staff time will be realized as a result of the time extension. This would put the grant \$15,000 over budget in one of four grant budget categories. Mark Norton emphasized to the Committee that as the schedule increases in length, work load increases as well and suggested using Conservation-Based Water Rates surplus funds to cover that amount.

Committee member Headrick suggested SAWPA provide incentives to encourage agencies to stay within their deadlines.

Policy Statement Milestone

Agencies were given a deadline of December 31, 2016 to submit their draft rate studies to SAWPA. Due to the November elections, new Council Members have been elected and the following Cities have been affected and are now requesting this deadline be waived: City of Hemet, City of Rialto, City of Chino Hills, City of Tustin and City of San Jacinto.

Committee members required the five agencies submit a work plan in support of their request.

MOVED, receive and file staffs presentation outlining adherence to policy statement requirement on outdoor budgets relative to City of Chino Hills and City of Rialto.

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

MOVED, support Cucamonga Valley Water District's request for extension, for a period of six months; and direct staff to consider possible incentives/disincentives in discussion with DWR.

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

MOVED, waive the December 31, 2016 policy statement deadline for a draft rate study to be provided to the water agencies' boards for the following entities: City of Chino Hills, City of Hemet, City of Rialto, City of San Jacinto, and City of Tustin with the condition that they provide a revised work plan and schedule to the PA22 Committee.

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

The Committee next considered Agenda Item 3.

3. APPROVAL OF MEETING MINUTES: OCTOBER 27, 2016

MOVED, approve the October 27, 2016 meeting minutes.

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

The Committee next considered Agenda Item 4.A.

4. COMMITTEE DISCUSSION ITEMS

A. EMERGENCY DROUGHT PROGRAM BUDGET UPDATE (PA22#2016.28)

Ian Achimore provided a PowerPoint presentation updating the Committee on the approved budget for Phase I Emergency Drought Program (Program) budget. The Program's scope of work covers the Santa Ana River Watershed and the Upper Santa Margarita Watershed, which are in two different Integrated Regional Water Management funding areas. Within the Program there are two Projects; as of October 31, 2016, both Projects are currently well within budget:

- Project 1: Conservation-Based Reporting Tools and Rate Structure Implementation - \$7,587,610 in grant funding
- Project 2: High Visibility Turf Removal and Retrofit - \$5,272,500 in grant funding.
 - Agencies are meeting their turf allocation and match.

Achimore referenced a detailed cost breakdown of the grant funding for Projects 1 and 2, located in the agenda packet, pages 12-13.

This item was for information purposes only; no action was taken on Agenda Item No. 4.A.

B. ASSISTING RETAIL WATER AGENCIES COMPLY WITH EXECUTIVE ORDER B-37-16 (PA22#2016.29)

Mark Norton provided a PowerPoint presentation updating the Committee on the Executive Order B-31-16. In October 2016, the Emergency Drought Grant Program was projected to have approximately \$1,000,000 to \$1,500,000 and approximately \$30,000 available in State Integrated Regional Water Management (IRWM) Grant funding for the Santa Ana River Watershed and the Upper Santa Margarita Watershed respectively.

As discussed in a previous PA22 Committee meeting, these projected surpluses are due to cost savings from the Aerial Mapping Project and the Conservation-Based Water Rates Project. SAWPA staff shared several project concepts that could potentially be implemented using mentioned surpluses. Following is a list showing projected cost estimates of proposed project concepts; these are listed in no particular order:

- Concept A - Geolocation Dedicated Irrigation (DI) Meters and Commercial, Industrial and Institutional (CII) Meters estimated total cost of \$1,809,500
- Concept B - North American Industry Classification system (NAICS) Coding for CII Meters estimated total cost of \$48,125
- Concept C - Create Meter Service Areas for DI and CII Meters estimated total cost of \$31,020,000
- Concept F - Build Application Program Interface (API) estimated total cost of \$88,000

For further cost savings, Metropolitan Water District of Orange County offered to share their RFP for geolocation of meters and coding. SAWPA staff would utilize the RFP to conduct a pilot scale program. An estimated cost for the pilot study would be brought forth at a future PA22 Committee meeting. It was noted that implementing any of the proposed project concepts would require a grant amendment.

Committee member Headrick suggested concepts be used as incentive programs to offer agencies who have met targeted deadlines for their Conservation-Based Water Rates budget.

The Committee was supportive of the proposed project concepts, but agreed to wait for DWR's draft framework (anticipated to be released by January 10, 2017) to make a definite decision on surplus funds. It is anticipated that future legislation, as a result of the framework, will include requirements and expansion of statutory authority for the State Board and DWR to implement and enforce the Executive Order B-37-16, in which case, the State Board has announced that they will provide support to agencies (e.g. imagery data, workgroups).

The Committee expressed full support of Concept F – Build Application Program Interface. SAWPA staff will continue discussions with DWR.

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

The Committee next considered Agenda Item 4.D.

D. UPDATE ON THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA MEETING REGARDING AERIAL MAPPING AND AREA MEASUREMENT UNDER THE EMERGENCY DROUGHT GRANT PROGRAM

Chair Jones provided an oral report on the Metropolitan Water District of Southern California (MWD) meeting regarding aerial mapping and area measurement under the Emergency Drought Grant Program. MWD is impressed with the high quality data SAWPA produced and showed interest in receiving more information. Additional information will be forthcoming.

4. FUTURE AGENDA ITEMS

There were no proposed future agenda items.

5. ADJOURNMENT

There being no further business for review, Chair Jones adjourned the meeting at 9:05 a.m.

Approved at a Meeting of the Project Agreement 22 Committee on Thursday, January 26, 2017.

Paul D. Jones II, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board

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PA 22 COMMITTEE MEMORANDUM NO. 2017.1

DATE: January 26, 2017

TO: SAWPA Project Agreement 22 Committee

SUBJECT: Presentation on California Data Collaborative Executive Order Programs and Outdoor Water Efficiency Survey

PREPARED BY: Ian Achimore, Senior Watershed Manager
Paul Caporaso, SAWPA CivicSpark Fellow

RECOMMENDATION

Receive and file this update on the California Data Collaborative following a presentation of the organizations programs by Patrick Atwater, Project Manager at the California Data Collaborative.

DISCUSSION

The California Data Collaborative (CaDC) is undergoing several projects related to the Executive Order, Marking Conservation a California Way of Life, and is implementing an outdoor water efficiency survey.

Executive Order Programs

The programs related to the Executive Order include a landscape measurement analysis in partnership with Claremont Graduate University's Andrew Marx and the CaDC water efficiency explorer tool, both under development in early 2017. The landscape measurement analysis involves working with the Department of Water Resources on the agency's current aerial mapping pilot project and identifying the various categories of vegetation needed to create useful budgets for retail water agencies. The CaDC water efficiency explorer tool allows water managers to see the impact of different efficiency standards on the water budget set for each agency.

These analytics build on top of the CaDC's underlying data infrastructure integrating metered use data across participating agencies. The CaDC water efficiency explorer tool builds on that effort and that underlying infrastructure could be used by retail water agencies to report to the State once the Executive Order is implemented and targets are required on an individual agency basis. Inputs into these tools include standards required by the State, landscape area measurements, evapotranspiration measurements and population data.

Outdoor Water Efficiency Survey

The goal of our survey is to examine how California can continue momentum from the historic investment in turf rebates on a cost effective basis. Survey questions include:

- What practices correlate with increased adoption of California friendly plants and efficient watering practices?
- What motivates households to remove their lawns?
- What resources are most useful for residents in adopting outdoor water efficient practices?

To gather the information, pairs of trained volunteers accompanied by CivicSpark Fellows will conduct the survey in person. Several of the CivicSpark Fellows will be provided by SAWPA. Neighborhood demographics from census information will be pulled to create a stratified sampling of census blocks. Each survey will be recorded and aggregated by CaDC for further regional analysis on how to best coordinate turf removal rebates.

CRITICAL SUCCESS FACTORS

The following OWOW critical success factors are addressed by this action:

Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

No impact.