



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:

- Kirby Brill, Interim 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
- Craig Miller, General Manager, Western Municipal Water District

THURSDAY, MARCH 28, 2019 – 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 18, 2018**3
4. **COMMITTEE DISCUSSION ITEMS**
 - A. **ONE WATER ONE WATERSHED (OWOW) PROPOSITION 1 IMPLEMENTATION GRANT PROJECT (PA22#2019.1)**9
Presenter: Mark Norton
Recommendation: (1) Express support for the “Enhancements to Watershed-wide Water Budget Decision Support Tool” project that is seeking \$500,000 from the DWR Proposition 1 IRWM Round 1 Implementation Grant Program funding to be administered by the Project Agreement (PA) 22 Committee, and for seeking and accepting local match by interested agencies for the project; and, (2) Approve submittal of a Letter of Interest and subsequent application for a Pilot study grant under the Bureau of Reclamation Water Management Options Pilots to further secure local match.
 - B. **EMERGENCY DROUGHT GRANT PROGRAM SCHEDULE AND BUDGET UPDATE (PA22#2019.2)**13
Presenter: Ian Achimore
Recommendation: Receive and file.
 - C. **RETAIL WATER AGENCY METER GEOCODING AND BUSINESS TYPE CLASSIFICATION PROGRAM (PA22#2019.3)**17
Presenter: Rick Whetsel
Recommendation: Receive and file.

D. CONSERVATION-BASED WATER RATES UPDATE (PA22#2019.4).....19

Presenter: Ian Achimore
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, March 21, 2019, a copy of this agenda has been uploaded to the SAWPA website at www.sawpa.org and posted at the SAWPA office, 11615 Sterling Avenue, Riverside, California.

/s/

Kelly Berry, CMC

2019 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 1/24/19 Regular Committee Meeting [cancelled]	February 2/28/19 Regular Committee Meeting [cancelled]
March 3/28/19 Regular Committee Meeting	April 4/25/19 Regular Committee Meeting
May 5/23/19 Regular Committee Meeting	June 6/27/19 Regular Committee Meeting
July 7/25/19 Regular Committee Meeting	August 8/22/19 Regular Committee Meeting
September 9/26/19 Regular Committee Meeting	October 10/24/19 Regular Committee Meeting
November 11/21/19* Regular Committee Meeting*	December 12/26/19 Regular Committee Meeting

* Meeting date adjusted due to conflicting holiday.



PROJECT AGREEMENT 22 COMMITTEE
Interregional Landscape Water Demand Reduction Program
ADJOURNED REGULAR MEETING MINUTES
December 18, 2018

COMMITTEE MEMBERS PRESENT

Michael Markus, General Manager, Orange County Water District [Vice Chair]
Kirby Brill, Interim General Manager, Inland Empire Utilities Agency
Craig Miller, General Manager, Western Municipal Water District

COMMITTEE MEMBERS ABSENT

Paul D. Jones, General Manager, Eastern Municipal Water District [Chair]
Doug Headrick, General Manager, San Bernardino Valley Municipal Water District

STAFF PRESENT

Rich Haller, Karen Williams, Mark Norton, Dean Unger, Rick Whetsel, Ian Achimore, Kelly Berry, Zyanya Ramirez

1. CALL TO ORDER

The meeting was called to order at 8:34 a.m. by Vice Chair Markus at the Santa Ana Watershed Project Authority, 11615 Sterling Avenue, Riverside, California.

2. PUBLIC COMMENTS

There were no public comments.

3. APPROVAL OF MEETING MINUTES: OCTOBER 25, 2018

MOVED, approve the October 25, 2018 meeting minutes.

Result:	Adopted (Unanimously)
Motion/Second:	Miller/Brill
Ayes	Markus, Miller, Brill
Nays:	None
Abstentions:	None
Absent:	Jones, Headrick

4. COMMITTEE DISCUSSION ITEMS

A. SMARTSCAPE SUB-GRANTEE AGREEMENT AMENDMENT (PA22#2018.30)

Ian Achimore provided a PowerPoint presentation on the proposed Smartscape sub-grantee agreement amendment between SAWPA and Orange County Coastkeeper for a recommended landscape maintenance task that would allow them to make minor repairs to retail water agency customer's irrigation systems. Through this new task, Orange County Coastkeeper would be the primary project manager and would sub-contract ConServ Inc. to

implement the physical repairs and audits. The proposed task does not increase contract costs.

MOVED, approve Amendment No. 2 to the SAWPA Sub-Grantee Agreement with Orange County Coastkeeper.

Result: **Adopted (Unanimously)**
 Motion/Second: Miller/Brill
 Ayes: Markus, Miller, Brill
 Nays: None
 Abstentions: None
 Absent: Jones, Headrick

B. EMERGENCY DROUGHT GRANT PROGRAM SCHEDULE AND BUDGET UPDATE (PA22#2018.31)

Ian Achimore provided a PowerPoint presentation regarding the Emergency Drought Grant Program schedule and budget update as of October 31, 2018. Achimore noted that the funding amounts for Project 2 - High Visibility Turf Removal and Retrofit Project, also reflect the recently approved sub-grantee agreements, which increased the funding available to Eastern Municipal Water District, Inland Empire Utilities Agency, and Western Municipal Water District.

The overall program status is as follows:

	Grant	Required Funding Matching	Total
In Grant Agreement	\$ 12,860,110	\$ 7,051,533	\$ 19,911,643
Invoiced (\$)	\$7,235,073	\$ 5,943,834	\$13,178,907
Invoiced (%)	56%	84%	66%

Under Project 1 - Conservation Based Reporting Tools and Rate Structure Implementation, the Aerial Mapping (completed July 2017), Web-Based Information Tool (completed June 2018), and the ESRI Customer Parcel Water Budget Tool (completed October 2018) tasks have been finalized. Project 2 - High Visibility Turf Removal and Retrofit is expected to be completed by March 2019.

This item was for informational and discussion purposes; no action was taken on Agenda Item 4.B.

C. SAWPA AERIAL IMAGERY AND LANDSCAPE MEASUREMENT DATA – ESRI GIS SERVER LICENSE (PA22#2018.32)

Dean Unger stated that providing access to the aerial imagery and landscape measurement data through the ESRI online web application has required a significant amount of SAWPA server bandwidth. SAWPA staff requests the authorization of \$15,000 for an ESRI ArcGIS GIS Server license fee that would provide the necessary server bandwidth to avoid impacts to SAWPA’s internet services.

MOVED, approve an increase not to exceed \$15,000, to a total of \$65,000, for ESRI ArcGIS GIS Server license fees to provide agency staff access to SAWPA aerial imagery and landscape measurement data.

Result:	Adopted (Unanimously)
Motion/Second:	Miller/Brill
Ayes	Markus, Miller, Brill
Nays:	None
Abstentions:	None
Absent:	Jones, Headrick

D. RISK AND REWARDS ANALYSIS FOR AERIAL IMAGERY PARTNERSHIP STUDY WITH THE DEPARTMENT OF WATER RESOURCES (PA22#2018.33)

Ian Achimore noted that the PowerPoint presentation provided today to the PA22 Committee relating to Agenda Item No. 4.D. contains substantive changes from the PA22 Committee Memo No. 2018.33, included in the agenda packet (pages 21-23).

Achimore provided a PowerPoint presentation on the risks and rewards analysis that assessed the potential outcomes of an Aerial Imagery Partnership Study recommended to SAWPA by Peter Bostrom, Department of Water Resources (DWR) Water Use Efficiency Program Manager. The Study would have SAWPA ensure that approximately three retail water agencies use the aerial imagery data through the ESRI Customer Parcel Water Budget Tool and upload their billing data to compare customer budgets to the volume of water used by customer.

From this Study, DWR wants to understand the major challenges for water users related to the new legislation; they want to ensure that the aerial imagery data can be a tool for retail water agencies.

It was noted that SAWPA staff and its member agencies staff discussed and updated the Study's scope and recommend SAWPA only focus on dedicated landscape meters since the new legislation requires the State to develop standards for this customer class.

The Study could result in the following risks:

- The State may be interested in water agencies collecting new categories of data.
- The State may develop state regulatory standards, or possibly legislation, that are more stringent than what most urban water agencies can realistically achieve.
- The State describing the data out-of-context, thus reflecting a poor image of the three retail agencies.

The Study could result in the following rewards:

- A thorough demonstration that urban water agencies have difficulty in matching meter data to landscape data.
- The need to develop more variance categories giving urban water agencies additional flexibility in meeting the new water conservation legislation's water budget targets.
- Our region taking a leadership role related to water use efficiency state policy and aerial imagery.

- Helping SAWPA refine imagery collection and related water use efficiency tools.

Achimore noted that the risks and rewards have different weights depending on the perspective of the individual agencies. Staff's conclusion is that the rewards are greater than the risks.

Vice Chair Markus expressed hesitation in approving the Study as it may consequently have policy implications. He voiced his concerns with approving a policy at a level that would commit the SAWPA Commission to new regulations and requested that the matter be brought to the SAWPA Commission for consideration and approval.

Vice Chair Markus moved that SAWPA staff direct this matter to the SAWPA Commission at their next SAWPA Commission Board meeting for consideration and approval.

A discussion ensued regarding the need to involve SAWPA Commission and whether the Committee had the ability to approve such a study.

Committee Member Miller seconded the motion.

MOVED, that SAWPA staff direct the matter of Aerial Imagery Partnership Study with the Department of Water Resources to the SAWPA Commission at their next SAWPA Commission Board meeting for their consideration and approval.

Result:	Adopted (Unanimously)
Motion/Second:	Markus/Miller
Ayes	Markus, Miller, Brill
Nays:	None
Abstentions:	None
Absent:	Jones, Headrick

E. UPDATE ON ACWA FALL PRESENTATION AND NEW SAWPA WATER USE EFFICIENCY WEBPAGES (PA22#2018.34)

Ian Achimore provided an oral report on the ACWA Fall Conference, where SAWPA staff served on a panel titled "Making Water Use Data and Technology a California Way of Life" and presented the various tools available through the Emergency Drought Grant Program.

Achimore noted that the new SAWPA water use efficiency webpages were finalized and were advertised at various ESRI Customer Parcel Water Budget Tool Workshops led by SAWPA staff Rick Whetsel and Dean Unger. The webpages are available at:

<http://www.sawpa.org/water-use-efficiency/>.

This item was for informational and discussion purposes; no action was taken on Agenda Item 4.E.

5. FUTURE AGENDA ITEMS

There were no proposed future agenda items.

6. ADJOURNMENT

There being no further business for review, Vice Chair Markus adjourned the meeting at 9:12 a.m.

**Approved at a Regular Meeting of the Project Agreement 22 Committee on Thursday,
February 28, 2019.**

Paul D. Jones II, Chair

Attest:

Kelly Berry, CMC
Clerk of the Board

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PA 22 COMMITTEE MEMORANDUM NO. 2019.1

DATE: March 28, 2019

TO: SAWPA Project Agreement 22 Committee

SUBJECT: SAWPA Proposal - DWR Prop 1 IRWM Implementation Grant Program

PREPARED BY: Mark Norton, Water Resources & Planning Manager

RECOMMENDATION

It is recommended that the Committee

1. Express support for the “Enhancements to Watershed-wide Water Budget Decision Support Tool” project that is seeking \$500,000 from the DWR Proposition 1 IRWM Round 1 Implementation Grant Program funding to be administered by Project Agreement (PA) 22 Committee, and for seeking and accepting local match by interested agencies for the project; and,
2. Approve submittal of a Letter of Interest and subsequent application for a Pilot study grant under the Bureau of Reclamation Water Management Options Pilots to further secure local match.

DISCUSSION

SAWPA staff, working in conjunction with the PA 22 Conservation Coordinators Workgroup, recommend enhancements and updates to the watershed-wide water budget decision support tool to address the State’s guidelines for water conservation. On January 15, 2019, this proposed project was brought to the SAWPA Commission seeking authorization to submit the project for potential grant funding and supported by the Commission. The project is anticipated to provide 4,775-acre feet per year in expected water savings as retail water agencies will be encouraged to use the tool and under the water conservation regulations will reduce usage if they are not meeting the State’s standard.

This project will entail the following:

1. Acquiring 3 inch per pixel resolution aerial imagery or the Year 2019 CA Dept of Water Resources 1-foot satellite imagery for the urbanized Santa Ana River Watershed, as well as areas within southern Orange County and the areas outside the watershed but within Eastern and Western Municipal Water District’s service areas. The total flight area would be approximately 2,600 square miles and cover the service areas of all the SAWPA member agencies, MWDOC, Rancho California Water District and the water districts in the Big Bear Lake area. This imagery would update the 2015 imagery collected under the Prop 84 Drought Round.
2. Analyze the data to create new and updated water budgets at the parcel level, as well as the customer meter level where possible. This task would include expanding the land cover classifications to include all irrigable landscape and to broaden the range of evapotranspiration factors used in the development of budgets.
3. Create an in-house web-based tool so retail water agencies can easily view the data, upload their customer water usage information to compare budgets to actual use in a secure private platform, and modify water budgets based on customer input or site visit to the parcel. Currently, SAWPA has contracted with ESRI to create a beta-version of the tool, but to upgrade it would result in additional costs on top of the annual maintenance costs.

4. SAWPA will also explore options to expand the capabilities of the tool through the addition of data layers, such as the North American Industrial Classification System (NAICS) business code data layer.

The time frame to complete this project is two years at an estimated total cost of \$1,000,000. A local or non-State share match of at least 50% of the grant amount requested, \$500,000, is required. Local funding cost share could be provided by the SAWPA member agencies, local retail agencies and/or a Bureau of Reclamation grant program. The Bureau of Reclamation recently invited SAWPA to submit a letter of interest to participate in its Water Management Options Pilots program. This could be an opportunity to obtain federal funding to serve as non-State matching funds for this project. Letters are due by April 15.

If the State grant is successful, then a grant funding agreement with the PA 22 Committee would be brought back to the Committee in the spring of 2020. Agreements related to matching funds, and any necessary action related to the PA22 budget, will be brought to the Committee at the appropriate time as opportunities develop.

On February 28, 2019, SAWPA staff met with the PA 22 Conservation Coordinator workgroup to also evaluate combining this project with two other watershed-wide grant proposal for the DWR Prop 1 IRWM Round 1 Implementation Grant program administered by SAWPA. These water use efficiency projects are described as the Regional Comprehensive Landscape Rebate Program led by MWDOC and Accelerated Leak Detection and Meter Testing project led by EMWD. Rather than combining all three projects under SAWPA's Let's Connect program as proposed by SAWPA staff into one comprehensive water use efficiency program very similar to the Drought grant program under which the PA 22 Committee was formed, the agencies involved decided to combine the MWDOC and EMWD project but not the Enhancements to Watershed-wide Water Budget Decision Support Tool project. Consequently, the projects will be competing in the rating and ranking for the DWR Prop 1 IRWM Round 1 Implementation Grant program.

Since the submittal of the proposal, preliminary rankings of the project appear positive. Further, DWR and the Prop 1 legislation has indicated strong support for Decision Support Tools and had added that additional category of a type of project that could be funded as part of the Prop 1 IRWM Implementation grant program.

CRITICAL SUCCESS FACTORS

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

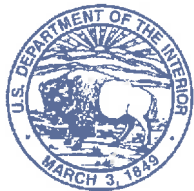
1. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
2. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

All staff resources to support this application are included under Fund 373 OWOW. If successful, a local share match commitment would arise from the SAWPA member agencies and/or the Bureau of Reclamation grant funding for Pilot studies.

Attachments:

1. US Bureau of Reclamation Water Management Options Pilots Letter Invitation



United States Department of the Interior

BUREAU OF RECLAMATION
Lower Colorado Regional Office
P.O. Box 61470
Boulder City, NV 89006-1470

IN REPLY REFER TO:

LC-6056

2.2.4.23

FEB 27 2019

RECEIVED

MAR - 1 2019

SANTA ANA WATERSHED
PROJECT AUTHORITY

Mr. Rich Haller, P.E.
General Manager
Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, CA 92503

Subject: Fiscal Year 2019 Bureau of Reclamation Water Management Options Pilots

Dear Mr. Haller:

Reclamation is initiating a new activity under the Basin Study Program called Water Management Options Pilots (Pilots). Basin Study Program funding will be made available for Pilot studies to further analyze or develop water management options identified in completed Basin Studies. Reclamation is requesting letters of interest from eligible non-Federal entities interested in participating in the new Pilot study. Reclamation plans to make approximately \$4 million in FY 2019 funding available for Pilots. We invite you to consider initiating a Pilot by submitting a letter of interest to this office.

Through Pilots, Reclamation plans to work with state and local partners to identify solutions to water management issues by building on completed Basin Studies. These Pilots will allow Reclamation and its partners to explore strategies and apply tools and information to address water management challenges and supply and demand imbalances. Pilots could include both additional analysis that would further develop strategies identified in a Basin Study, and efforts to update or expand analysis from a Basin Study. Pilots should consist of technical, science-based efforts that could include things such as:

- Developing or refining models.
- Developing new or additional data.
- Evaluating concepts for water measurement.
- Analyzing different potential modifications to operations and their impacts on issues such as sedimentation, endangered or threatened species, and water deliveries.
- Reviewing different methods for reducing consumptive use within a particular basin or sub-basin.

We are asking interested eligible non-Federal entities to submit a short letter of interest (not to exceed three pages) to Reclamation's Lower Colorado Region Office, P.O. Box 61470, Boulder City, NV 89006-1470 by April 15, 2019. The non-Federal participant(s) selected by our office for further consideration will then work with Reclamation to develop a joint Pilot proposal (not to exceed 20 pages) to be evaluated and ranked by a Reclamation-wide review committee.

Cost-share partners must contribute at least 50 percent of the total Pilot costs as cash or in-kind services. Pilots will not be financial assistance; therefore, Reclamation's share of the Pilot costs may only be used to support work done by Reclamation or its contractors.

If you have questions or would like additional information about the Basin Study Program, please contact Ms. KayLee Nelson, Planner, Water Resources, at 702-293-8073, or kdnelson@usbr.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Terrance J. Fulp". The signature is written in a cursive style with a large initial "T".

Terrance J. Fulp, Ph.D.
Regional Director

PA 22 COMMITTEE MEMORANDUM NO. 2019.2

DATE: March 28, 2019
TO: SAWPA Project Agreement 22 Committee
SUBJECT: Emergency Drought Grant Program Schedule and Budget Update
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Receive and file.

DISCUSSION

The following information provides an overview of the scheduled completion dates of each of the Emergency Drought Grant Program’s components, and the status of Program spending in comparison to the overall budget in the Proposition 84 Grant Agreement. There are two sub-projects included in the Program:

- Project 1: Conservation Based Reporting Tools and Rate Structure Implementation.
- Project 2: High Visibility Turf Removal and Retrofit.

Project 1 includes the project components: 1) Aerial Mapping, 2) Conservation Based Rates, 3) Meter Geocoding & Business Type Classification, 4) Web-Based Information Tool, 5) ESRI Customer Parcel Water Budget Tool, as well as funding for grant administration and PA 22 Committee coordination and administration. Project 2 includes the turf removal and retrofit component.

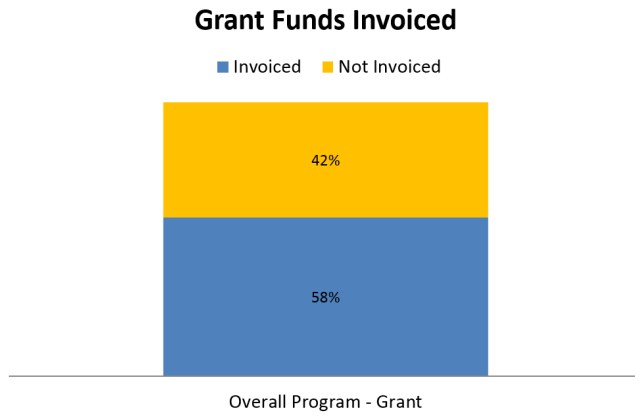
The dates and funding amounts provided for project completion recognize that the DWR Grant Agreement amendment was approved on June 7, 2018 and extended the schedule for implementation of both Projects from June 30, 2018 to June 30, 2019.

The funding amounts for Project 2 show that the Sub-Grantee agreements have been amended, per the approval of the PA 22 Committee on August 24, 2017. That action increased the funding available to Eastern Municipal Water District, Inland Empire Utilities Agency and Western Municipal Water District. The memo reflects the latest invoices that have been submitted to SAWPA by February 28, 2019.

PROGRAM STATUS

	Grant	Required Funding Match	Total
In Grant Agreement	\$ 12,860,110	\$ 7,051,533	\$ 19,911,643
Invoiced (\$)	\$7,450,456	\$ 5,943,834	\$13,394,291
Invoiced (%)	58%	84%	67%

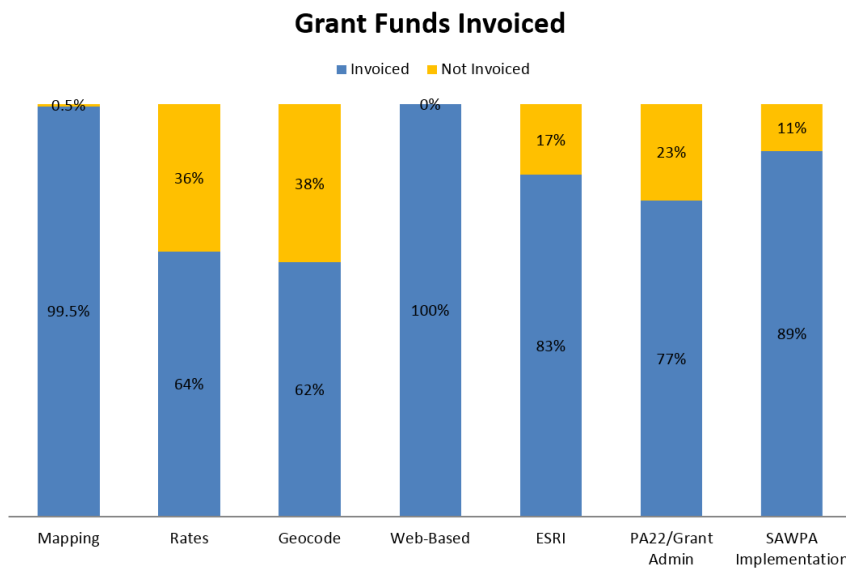
INDIVIDUAL PROJECT STATUS



Scheduled dates of completion:

- Project 1: June 2019
- Project 2: March 2019

PROJECT 1 STATUS BY INDIVIDUAL COMPONENTS



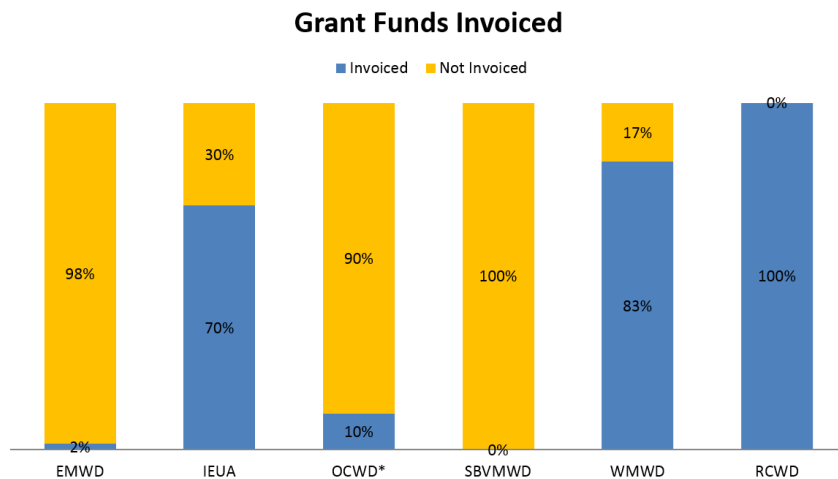
Scheduled dates of completion:

- Aerial Mapping: (Completed) July 2017
- Conservation Based Rates: June 2019
- Meter Geocoding and Business Type Classification: June 2019

- Web-Based Information Tool: (Completed) June 2018
- ESRI Customer Parcel Water Budget Tool: (Completed) October 2018
- PA 22/Grant Administration: December 2019 (the date that the grant agreement expires)
- SAWPA Implementation: June 2019 (the date the projects implementation are scheduled to end)

Note: The date the grant agreement expires (December 2019) is six months after the end of project implementation (June 2019) in order to finalize the required close-out documents such as the DWR Grant Completion Report.

PROJECT 2 STATUSES BY INDIVIDUAL SUB-GRANTEES



*SAWPA has a Sub-Grantee agreement with OCWD; OCWD has an agreement with MWDOC that passes down the conditions from their Sub-Grantee agreement to MWDOC.

As discussed in previous PA 22 Committee meeting, although invoices have not been received, the Sub-Grantees are making major progress on the High Visibility Turf Removal and Retrofit Project component. Some of the agencies are choosing to hold invoices until their overall turf removal program in their service area is complete. By holding invoices, a final and comprehensive invoice package that includes an agency's total turf removal costs can be submitted to SAWPA, which is beneficial for accounting and administration.

Scheduled date of completion:

- Turf Removal: April 2019

CRITICAL SUCCESS FACTORS

- Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
- Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

None.

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PA 22 COMMITTEE MEMORANDUM NO. 2019.3

DATE: March 28, 2019
TO: SAWPA Project Agreement 22 Committee
SUBJECT: Retail Water Agency Meter Geocoding and Business Type Classification Program
PREPARED BY: Rick Whetsel, Senior Watershed Manager

RECOMMENDATION

Receive and file this status report on the Miller Spatial Retail Water Agency Meter Geocoding and Business Type Classification Program.

DISCUSSION

Miller Spatial continues to implement the Retail Water Agency Meter Geocoding and Business Type Classification Program. Through this effort, 22 retail agencies have expressed an interest to participate in the program.

City of Chino	Mesa Water District
City of Chino Hills	Monte Vista Water District
City of Hemet	Rancho California Water District
City of Riverside	West Valley Water District
City of San Bernardino	Western Municipal Water District
Cucamonga Valley Water District	Yorba Linda Water District
East Valley Water District	City of Anaheim
Eastern Municipal Water District	City of Corona
Fontana Water Company	City of Norco
Irvine Ranch Water District	City of Ontario
Jurupa Community Services District	City of Upland

To date, 17 have signed memorandums of understanding with Miller Spatial to share data and enhance their customer meter service areas (MSA). The status of each is as follows:

Complete:

Monte Vista Water District
City of Hemet
City of Chino
East Valley Water District
Rancho California Water District
Mesa Water District
Western Municipal Water District

In Process:

Irvine Ranch Water District
Eastern Municipal Water District

Final Review/Edits:

Jurupa Community Services District
Cucamonga Valley Water District
Yorba Linda Water District
West Valley Water District
City of Chino Hills
Fontana Water Company
City of Riverside
City of San Bernardino

Additionally, Miller Spatial will complete NAICS business type coding for all commercial businesses located in the watershed, as well as, Rancho California Water District. To date, NAICS coding has been completed for each of the 22 participating retail agencies.

The project is on schedule to be completed by June 30, 2019.

BACKGROUND

On August 24, 2017, the Project Agreement (PA) 22 Committee authorized a Task Order with Miller Spatial Services, LLC for an amount not-to-exceed \$300,000 to implement the Retail Water Agency Meter Geocoding and Business Type Classification Program for agencies in the Santa Ana River Watershed, as well as the EMWD and WMWD service areas within the Upper Santa Margarita Watersheds.

The support services to be performed by the consultant, Miller Spatial Inc. are highlighted below:

- Water Meter Account to Water Meter Service Area Matching Services
- Business Account Type Classification Services based upon North American Industry Classification System (NAICS) Data
- Identification of Mixed Use Commercial, Industrial and Institutional (CII) Accounts
- Project Reporting following Prop 84 Reporting Formats and Requirements

CRITICAL SUCCESS FACTORS

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

1. Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
2. Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

This activity is funded by grant funds and contributions from non-SAWPA participants.

PA 22 COMMITTEE MEMORANDUM NO. 2019.4

DATE: March 28, 2019
TO: SAWPA Project Agreement 22 Committee
SUBJECT: Conservation-Based Water Rates Update
PREPARED BY: Ian Achimore, Senior Watershed Manager

RECOMMENDATION

Receive and file.

DISCUSSION

There are currently three retail water agencies involved in the Emergency Drought Grant Program's Conservation-Based Water Rates component – the cities of Chino, Chino Hills and Hemet. Chino adopted their conservation-based rate structure on June 19, 2018 and Chino Hills adopted it on May 8, 2018. The City of Chino Hills has fully implemented the rate structure and customer bills are being calculated using the budget-based formula.

The City of Chino, like Chino Hills, has contracted with the data management firm Tyler Technologies for their customer billing services. Due to Tyler's focus on updating Chino Hills's billing system for the new rate structure, they have had to delay the update of Chino's billing system software. City staff and Tyler Technologies are experiencing utility billing processing issues that have caused late customer billing – up to three weeks late. This issue will be resolved and then the City can begin working to implement the structure in the next several months.

The City of Hemet has experienced delays due to development of other major priorities such as well refurbishment and new customer meter installation. Recently, city management leadership has changed and staff from the public works department are working with the new management to finalize the schedule for bringing the rate structure to the City Council.

SAWPA is working closely both the cities of Chino and Hemet to assist them in their rate implementation efforts and ensure their invoices are covered within the Emergency Drought Grant Program's timeline.

CRITICAL SUCCESS FACTORS

- Administration of the OWOW process and plan in a highly efficient and cost-effective manner.
- Data and information needed for decision-making is available to all.

RESOURCE IMPACTS

None.