

Adoption of Sub-Agreement Amendments with Rancho California Water District and Chino Hills

Ian Achimore, Senior Watershed Manager

PA 22 Committee | March 10, 2020

Item No. 4.A.



Recommendation

- ▶ To ensure the Drought Grant's program savings for the Conservation Based Reporting Tools and Rate Structure Project are utilized, approve execution of a sub-grantee agreement amendment:



1. With Rancho California Water District for an amount not to exceed \$25,745 in grant funding, and
2. With Chino Hills for amount not to exceed \$1,184,005 in grant funding.



IRWM/DWR Agreement Timeline

SAWPA IRWM Funding Area Grant Agreements

- ▶ Prop 84 Round 1: Executed 2012
- ▶ Prop 84 Round 2: Executed 2014
- ▶ Prop 84 2014 Drought Round: Executed 2015
- ▶ Prop 84 2015 Final Round: Executed 2016
- ▶ Prop 1 Round 1: Executed 2020 (estimate)

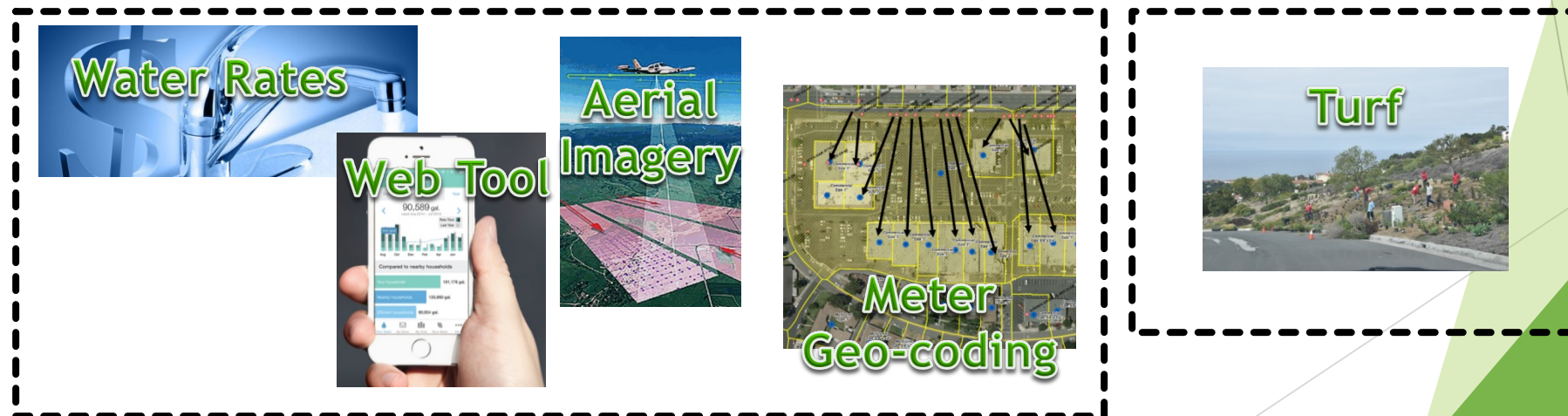


Projects included in Drought Grant Program

Project 1: Conservation Based Reporting Tools and Rate Structure Implementation



Project 2: High Visibility Turf Removal and Retrofit

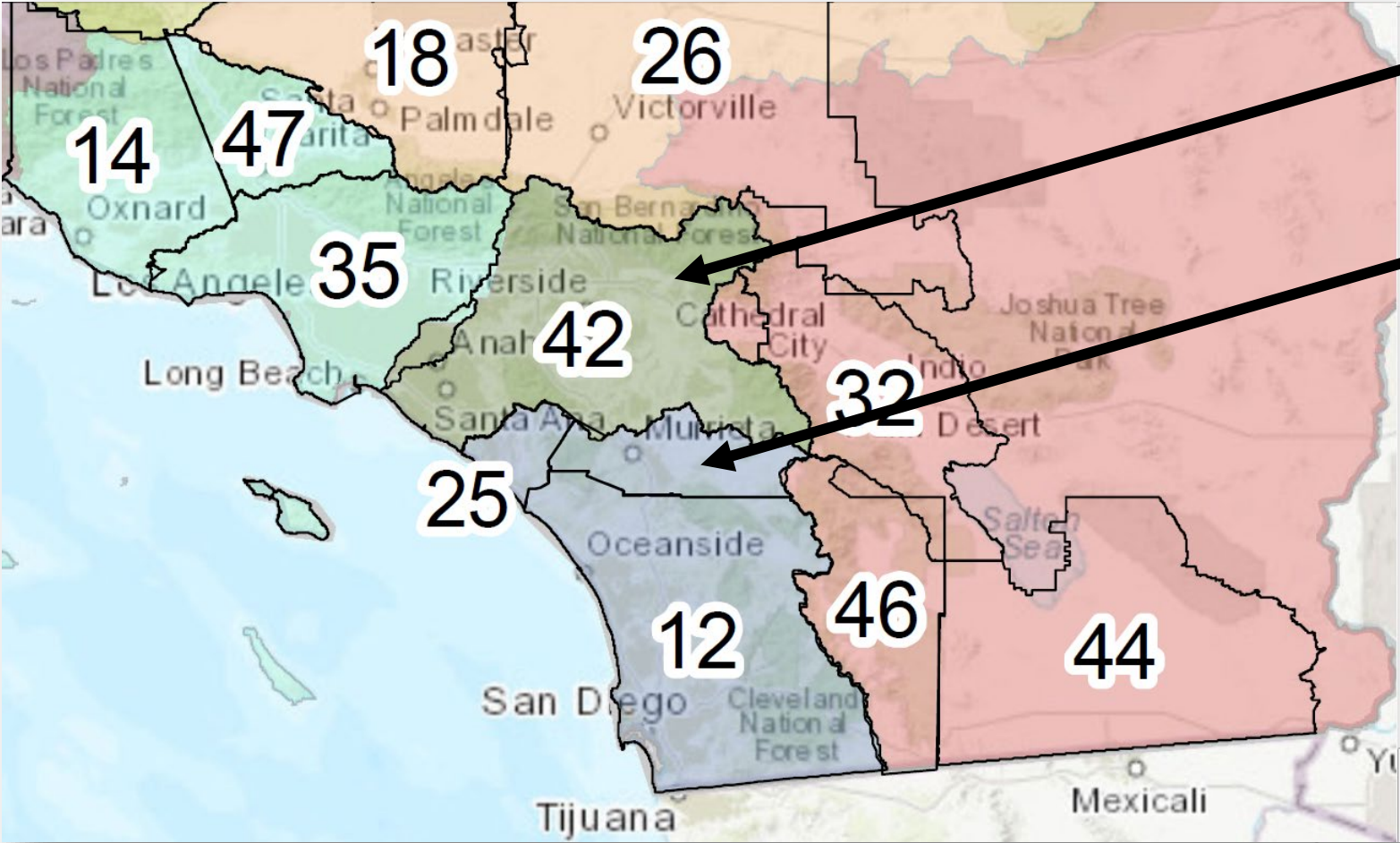


*tasks/projects

About Conservation Based Tools Project

- ▶ Total grant budget = \$6,435,676
- ▶ Project Scope: SAWPA managed various consultants and partners to:
 - ▶ Acquire high resolution imagery and launch related tools such as meter geo-coding,
 - ▶ Incentivize conservation-based rates,
 - ▶ Implement a web-based customer water consumption tool.

IRWM Regions in Southern California



Santa Ana River Watershed

Upper Santa Margarita Watershed

Note: Numbering in map used by DWR to identify regions in their database.

Grant Amount by Region

Item	Grant Amount SARW	Grant Amount USMW
Project 1	\$6,330,066	\$105,610
Project 2	\$5,426,934	\$997,500
Total	\$11,757,000	\$1,103,110

Project 1 Anticipated Invoices

Item	Future Invoice Amount	Information on Invoice
Chino (Water Rates)	\$40,000	Amount is within their existing contract approved by the PA 22 Committee
Chino Hills (Water Rates)	\$91,700	Funding that would have gone to Chino but is not needed for Chino rate implementation.
Rancho California Water District (IRWM Project Management)	\$25,745	Funding designated to the Upper Santa Margarita Watershed. Previously budgeted for the Aerial Imagery Project but not needed due to cost savings.
ESRI (Aerial Imagery Dashboard)	\$3,500	Anticipated final invoice from ESRI.
Total	\$160,945	

Sub-Agreement Amendment

Sub-Agreement Amendment

RCWD - Grant Funding



**Rancho
California
Water
District**

- ▶ As shown in the preceding table, there is \$25,745 in grant funding available for Upper Santa Margarita Watershed.
 - ▶ Funding was not needed for the Aerial Imagery Project.
- ▶ Since RCWD is the IRWM lead for the USMW and has incurred staff costs in coordinating the work in the region, SAWPA is proposing to reimburse them for costs they experienced in managing the overall Drought Grant Program.

Chino Hills - Grant Funding



- ▶ As shown in the preceding table, there is grant funding available to assist Chino and Chino Hills with their rates implementation;
- ▶ Chino expected to invoice for another \$40,000;
- ▶ Recommend an amount “not to exceed” \$1,184,005 for Chino Hills to ensure all rates funding is spent.

	Invoiced To Date	Estimated Future Invoices	Final Estimated Grant	Max Grant for Chino Hills
Chino	\$138,495	\$40,000	\$178,495	N/A
Chino Hills	\$1,052,304	\$91,701	\$1,144,005	\$1,184,005*

*Reflects the additional \$40,000 (\$1,144,005 plus \$40,000) from the City of Chino.

Recommendation

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2. With Chino Hills for amount not to exceed \$1,184,005 in grant funding.



Adoption of Sub-Agreement Amendment with Inland Empire Utilities Agency

Ian Achimore, Senior Watershed Manager

PA 22 Committee | March 10, 2020

Item No. 4.B.



Recommendation

Approve execution of a sub-grantee agreement amendment with Inland Empire Utilities Agency for an amount not to exceed \$117,865 in grant funding for the Turf Removal and Retrofit Project.



IRWM/DWR Agreement Timeline

SAWPA IRWM Funding Area Grant Agreements

- ▶ Prop 84 Round 1: Executed 2012
- ▶ Prop 84 Round 2: Executed 2014
- ▶ Prop 84 2014 Drought Round: Executed 2015
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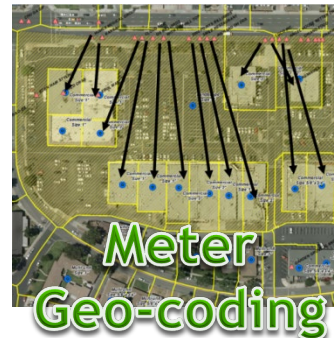
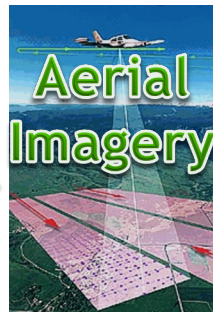


Projects included in Drought Grant Program

Project 1: Conservation Based Reporting Tools and Rate Structure Implementation



Project 2: High Visibility Turf Removal and Retrofit



*tasks/projects

About Turf Removal and Retrofit Project

- ▶ Total grant budget = \$6,424,434
- ▶ Project Scope: Allows SAWPA member agencies to increase base rebate amount (often from Metropolitan or SBVMWD) to incentivize large scale highly visible projects from customers in the following categories:
 - ▶ Commercial,
 - ▶ Publicly Owned/Institutional,
 - ▶ Churches, and
 - ▶ HOAs.
- ▶ Project includes two IRWM regions.
 - ▶ Grant funds need to be allocated by region (like Project 1).

Timeline

- ▶ **Summer 2015:** Drought Grant Agreement Executed
- ▶ **Fall 2017:** Finished implementing Aerial Mapping Project
- ▶ **August 2017:** PA 22 Approves Grant Increases for Several Agencies
- ▶ **Fall 2019:** SAWPA/DWR Process Amendment No. 2 to Drought Grant (cost savings)
 - ▶ PA 22 Committee supportive of using “first come, first serve” for allocating cost savings for turf for Santa Ana River Watershed
- ▶ **Winter 2020:** IEUA successful in “first come, first serve” process



Overview of Grant Funding by Agency

Agency	Original Contract Amounts	Prior PA 22 Approved Increases	First Come First Serve	Final Costs (All columns summed)
EMWD*	\$ 1,326,800	\$ 494,177	-	\$ 1,820,977
IEUA	\$ 807,564	\$ 331,436	\$ 117,865	\$ 1,256,865
OCWD/MWDOC	\$ 880,894	\$ 83,605	-	\$ 964,499
SBVMWD	\$ 828,499	-	-	\$ 828,499
WMWD*	\$ 903,743	\$ 124,851	-	\$ 1,028,594
RCWD	\$ 525,000	-	-	\$ 525,000
Total	\$ 5,272,500	\$ 1,034,069	\$ 117,865	\$ 6,424,434

*Includes the Upper Santa Margarita Watershed IRWM Region.



Conclusions

- ▶ No other agencies had major projects scheduled to be completed soon.
- ▶ Processing this last invoice will allow SAWPA/DWR to begin to release approximately \$530,000 in retention for the SAWPA member agencies, MWDOC and RCWD.

Recommendation

Approve execution of a sub-grantee agreement amendment with Inland Empire Utilities Agency for an amount not to exceed \$117,865 in grant funding for the Turf Removal and Retrofit Project.



Smartscape Update

Ian Achimore, Senior Watershed Manager

PA 22 Committee | March 10, 2020

Item No. 4.C.



Program Development and Task List

- ▶ Smartscape is a partnership between SAWPA member agencies and OC Coastkeeper, developed in 2015 during SARCCUP initial grant application effort;
- ▶ Supports water customers that have transitioned from turf grass to drought tolerant landscaping through specific tasks:
 - ▶ Landscape site visits
 - ▶ Develop written training materials
 - ▶ Workshops, training, etc.
- ▶ Makes physical improvements to irrigation systems (prevents leaks and overwatering)



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ORANGE COUNTY
COASTKEEPER.

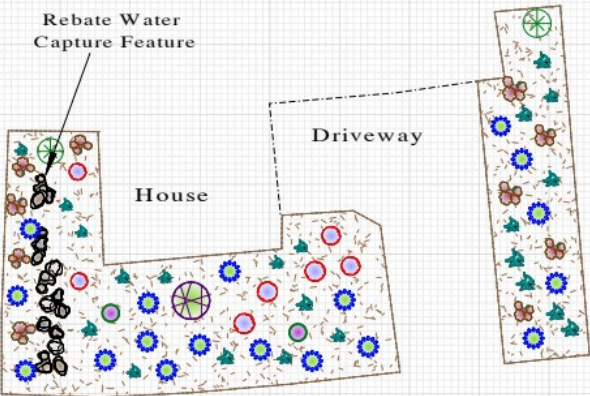
Program Overview

- ▶ Program descriptions contained in Sub-Agreement and SAWPA Member Agency Roles/Responsibilities Memo:
 - ▶ Defines two-year schedule (March 2020 end date)
 - ▶ Defines scope and qualifications for OCCK training and outreach personnel
 - ▶ Task list and their specific costs
 - ▶ Deliverables:
 - ▶ Photo verification;
 - ▶ Customer forms; and
 - ▶ Reports on work completed.



Examples of Tasks Implemented

Landscape Designs - WMWD



All plants are 1 gallon in size except for Manzanita, which is a 15 or 25 gallon. You will need a minimum of 4 cubic yards of decomposed granite. Plant design features 60 plants for 1,971 sq. meeting the rebate requirement of 3 plants per 100 sq. feet.

Common Name	Botanical Name	Qty
Existing Plants		
Schwarzkopf Aeonium	<i>Illicium anisatum</i>	10
Blue Finger Senecio	<i>Senecio talinoides mandraliscae</i>	22
Lilac Verbena	<i>Verbena lilacina</i>	18
Sunset Manzanita	<i>Arctostaphylos 'Sunset'</i>	1
Mexican Bush Sage	<i>Salvia leucantha</i>	7
Texas Ranger 'Compacta'	<i>Leucophyllum frutescens</i>	2

Irrigation Improvements - IEUA



Smartscape Budget

	Grant Amount	Local Match*	Total Cost
Coastkeeper Sub-Agreement Amount	\$122,000	\$278,000	\$400,000

*OCWD's SARCCUP local cost share funding originally intended for Smartscape was added to Conservation-Based Water Rates portion of SARCCUP based on Pa 22 Committee direction and OCWD request.

Smartscape Spending to Date (Dec 2019)

Agency:	EMWD	IEUA	SBMVWD	WMWD	Total
Allocation	\$96,509	\$96,509	\$96,509	\$96,509	\$386,034
Invoiced	\$96,875	\$96,349	\$88,275	\$47,050	\$328,549
Remaining	(\$366)*	\$160	\$8,234	\$49,459	\$57,485

**85%
Implemented**

*SAWPA has small contingency to handle minor overages.

Questions

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