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
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

Note: Numbering in map used by DWR to identify regions in their database.
## Grant Amount by Region

<table>
<thead>
<tr>
<th>Item</th>
<th>Grant Amount SARW</th>
<th>Grant Amount USMW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>$6,330,066</td>
<td>$105,610</td>
</tr>
<tr>
<td>Project 2</td>
<td>$5,426,934</td>
<td>$997,500</td>
</tr>
<tr>
<td>Total</td>
<td>$11,757,000</td>
<td>$1,103,110</td>
</tr>
</tbody>
</table>
## Project 1 Anticipated Invoices

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

<table>
<thead>
<tr>
<th></th>
<th>Invoiced To Date</th>
<th>Estimated Future Invoices</th>
<th>Final Estimated Grant</th>
<th>Max Grant for Chino Hills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino</td>
<td>$138,495</td>
<td>$40,000</td>
<td>$178,495</td>
<td>N/A</td>
</tr>
<tr>
<td>Chino Hills</td>
<td>$1,052,304</td>
<td>$91,701</td>
<td>$1,144,005</td>
<td>$1,184,005*</td>
</tr>
</tbody>
</table>

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

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

*Includes the Upper Santa Margarita Watershed IRWM Region.*

![First Come First Served](image)
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)
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**

- **Rebate Water Capture Feature**
- **Driveway**
- **House**

All plants are 1 gallon in size except for Mazona, 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 5 plants per 100 sq. feet.

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Botanical Name</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Plants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schizachne Austra</td>
<td><em>Schizachne australis</em></td>
<td>128</td>
</tr>
<tr>
<td>Blue Ranger Bamboo</td>
<td><em>Nolina undulata Manual</em></td>
<td>22</td>
</tr>
<tr>
<td>Lime Leaf</td>
<td><em>Cordyline fruticos</em></td>
<td>24</td>
</tr>
<tr>
<td>Sundance Mazona</td>
<td><em>Armeria barbata</em></td>
<td>1</td>
</tr>
<tr>
<td>Mexican Bush Sage</td>
<td><em>Ceratostigma plumbaginoides</em></td>
<td>1</td>
</tr>
<tr>
<td>Texas Ranger Compacta</td>
<td><em>Leucophyllum fluminens</em></td>
<td>2</td>
</tr>
</tbody>
</table>

**Irrigation Improvements - IEUA**

[Image of irrigation system]
Smartscape Budget

<table>
<thead>
<tr>
<th>Coastkeeper Sub-Agreement Amount</th>
<th>Grant Amount</th>
<th>Local Match*</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$122,000</td>
<td>$278,000</td>
<td>$400,000</td>
</tr>
</tbody>
</table>

*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)

<table>
<thead>
<tr>
<th>Agency:</th>
<th>EMWD</th>
<th>IEUA</th>
<th>SBMVWD</th>
<th>WMWD</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allocation</td>
<td>$96,509</td>
<td>$96,509</td>
<td>$96,509</td>
<td>$96,509</td>
<td>$386,034</td>
</tr>
<tr>
<td>Invoiced</td>
<td>$96,875</td>
<td>$96,349</td>
<td>$88,275</td>
<td>$47,050</td>
<td>$328,549</td>
</tr>
<tr>
<td>Remaining</td>
<td>($366)*</td>
<td>$160</td>
<td>$8,234</td>
<td>$49,459</td>
<td>$57,485</td>
</tr>
</tbody>
</table>

*SAWPA has small contingency to handle minor overages.*