Watershed Sign Search Competition

SAWPA Commission
April 3, 2018

Ian Achimore
Senior Watershed Manager
Background on Sign Installations

- $5,600 SAWPA contract w/ Bri Communications (public relations firm)
- 10 other sign sponsors (all public agencies)
- 64 signs in watershed as of December 2017
- SAWPA logo and OWOW description included on signs
Sign Search Competition

- Staff has drafted a competition for members of the public to find the most signs by August 31, 2018.
- Competition would increase public awareness of OWOW, water resources in the region, and the sign displays SAWPA has co-funded.
- Have coordinated with Bri Communications on funding competition award.
Next Steps (Pending Commission Approval)

- Coordinate with 10 other sponsors and various river/trail entities
- Distribute two page press release and competition participation conditions to 3 major newspapers
- Create webpage for public to access competition info and interactive map of sign locations
Finalization of Competition

- Throughout Competition period, public submits photos via email
- Staff tabulates photos in accordance with conditions
- In September 2018 present competition results to Commission
- Provide $200 gift card and plaque to winner(s)
Competition Budget

- $9,000 for administering competition (source: Fund 100-00 General):
  - Developing competition
  - Review submitted photos
  - Field questions from public
  - Coordinate with press and other public agencies
  - Finalize competition with awards and presentation to Commission
- Up to 4 $200 ($800 total) Amazon gift cards (source: private donations)
Recommendation

That the Commission approve staff time and material costs of an amount not to exceed $9,000 associated with implementation of the proposed Santa Ana River Watershed Sign Search Competition.
Projects in 2014 Emergency Drought Grant Agreement

Project 1: Conservation Based Reporting Tools and Rate Structure Implementation

Project 2: High Visibility Turf Removal and Retrofit

*Components/tasks
IRWM Areas in 2014 Emergency Drought Grant Agreement
Background – Project Agreement 22 Committee

**Mission**: To develop and implement demand reduction and water use efficiency measures in order both to effect an urgent response to the current drought and to transform the water use efficiency of the Santa Ana River watershed in the future.

**Committee Members**: General Managers of SAWPA member agencies

**Committee Chair**: Paul Jones, EMWD General Manager

**Committee Administration**: SAWPA staff
2014 Emergency Drought Grant Program Components

High Visibility Turf Removal and Retrofit
PA 22 Committee Policy
Statement History

- What are PA 22 policy statements?
  - Help define program requirements such as what type of rebates qualify for grant reimbursement.

- How many are related to turf?
  - No. 1: Allocation between SAWPA agencies, limit definition of “institutional”
  - No. 3: Modified allocation between SAWPA agencies
  - Committee Action July 2015: Broadened institutional definition to include churches
Initial Policy Definition of Institutional

- HOA and public agencies (clarified that churches are included in 2015)
- During drought, less of these entities were utilizing existing rebates and HOAs had a high potential for water savings
- Emergency Drought Grant Program was designed by SAWPA member agencies to increase rebate amounts for these types of entities
Municipal Water District of Orange County

- MWDOC still prioritizing public agencies: new marketing campaign launched.
- MWDOC has $880,894 grant allocation from Policy Statement No. 3
  - To date has utilized $99,014 of the allocation.
- Allowing highly visible commercial properties would immediately utilize funding for pending projects.
- Estimated that 16 average size projects would still be needed by December 31, 2018 deadline.
- In order to meet deadline, MWDOC and SAWPA have met continually to strategize best way to utilize all grant funding.
Mar. 22, 2018  PA 22 Committee supported policy changes to allow use of grant funds

- Broaden definition of “Institutional” to include highly visible commercial properties in order to ensure grant funds are utilized by deadline
  - Reflect change in Grant Agreement amendment
  - Reflect change in new policy statement (No. 5)
- Golf courses still excluded
- Advisory workgroup in consensus, other agencies could utilize new policy if they have grant funding remaining in allocation
2014 Emergency Drought Grant
Program Components
Conservation-Based Water Rates Status
Scope of Conservation-Based Rates Component

- SAWPA provides funding and technical assistance (w/ Tom Ash of IEUA) to retail water agencies
- $215,030 in funding per retail water agency under two phased approach
- Agency, if board approves, implements rates and provides water use information to SAWPA/DWR for ten years post implementation
Partnership with Retail Agencies

Grant Agreement

SAWPA

Individual Sub-Agreements

- Cucamonga Valley Water District
- City of Garden Grove
- East Valley Water District
- City of Covina
- City of Fullerton
- San Jacinto
Conservation Based Rates
Policy Statement History

- PA 22 Rates Policy Statement does the following:
  - “Conservation-based rates” = budget-based rates with three escalating tiers,
  - Two phased approach for allocating $215,030 in Sub-Agreement, and
  - The eligible costs for studying and implementing conservation-based rates such as billing system needs, public outreach and other internal needs an agency may need to accomplish adopting conservation-based rates.
Rialto and Grant Deadline

- Rialto has studied budget-based rates but cannot meet even the extended implementation deadline in amended Grant Agreement: December 31, 2018.
- Billing system, Incode, which is managed by third party Veolia Water Technologies is out of date.
- Billing system needs to calculate budgets on a discrete customer basis.
PA 22 Committee supported recommendation to accept Rialto’s work to date as meeting Phase 1 grant deliverable

- Rialto has invoiced the SAWPA and the State $57,000 for rate study and data management costs, but cannot move forward with rates.
- Rialto is able to provide a summary of the data they have acquired through participation in the program
  - High level customer budgets,
  - Demand forecasts using aerial imagery,
  - System cost projections
- The $57,000 has prepared them to implement conservation-based rates.
- Committee agreed with staff recommendation that this preparation complies with the intent of the policy statement.
- Rialto staff indicated that it will not be able to proceed with adoption for another 2-3 years so it will terminate grant agreement
City of Tustin also pulls out

- Tustin is also not able to proceed with conservation-based rates by extended grant deadline.
- City management has given direction to their staff not to proceed until late 2019 as major policy decisions such as rate changes need to be considered by new Council (2 members termed out).
- Even though Tustin have incurred costs, they have not invoiced SAWPA.
- Grant agreement with Tustin will be terminated.
Remaining Cities Participating

**Chino**
Rate study final, Billing system update in April, Prop 218 process soon.

**Chino Hills**
Rate study final, Billing system update in April, Prop 218 process begun.

**Hemet**
Rate study draft, Briefed City Council Members and Management Team, Scheduling Follow Up Workshops.
Overall Emergency Grant Program Status

Scheduled Completion Dates by Component
Project 1: Conservation Based Reporting Tools and Rate Structure Implementation
- Aerial Mapping: (Completed) July 2017
- Conservation Based Rates: December 2018
- Meter Geocoding & Business Classification: December 2018
- Web-Based Information Tool: June 2018

Project 2: High Visibility Turf Removal and Retrofit
- Turf Removal: December 2018

Status of Program Spending (As of January 31, 2018 invoices to SAWPA):

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<th>Grant</th>
<th>Required Funding Match</th>
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<td>In Grant Agreement</td>
<td>$12,860,110</td>
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Questions?
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Recommendation

- Receive and File
Inland Empire Brine Line
Salt Removal – Flow Data

Inland Empire Brine Line (2001-2017)
TDS (tons) - Flow (MG) per year

![Graph showing TDS (tons) and Flow (MG) per year for the Inland Empire Brine Line from 2001 to 2017.](graph.png)
Brine Line Flows - History

MG per month

- Blue line: MG
- Black line: Poly. (MG)
Sewer System Management Plan

- Guiding document for Brine Line Operations
- Plan is audited every 2 years (due later this year)
- Recertified every 5 years (due 2019)
- 13 sections
Brine Line Reach 5
54 - Air Release & Vacuum Valves
36 – Blow-off Valves
Reach 4A – 4B
Prado Basin
Reach 4D

Mission Tunnel
Sediment Traps – 2 locations

Euclid Avenue (SR-83)  Schleisman Road (Eastvale)
Reach 4B Upper
Reach 4E

Reach 4E Hydraulic Profile

Agua Mansa Siphon ~8,000 ft

Dewatering Bin Staging Area - Colton
USA DigAlerts

USA DigAlert FY17-18

Tickets Received
USA DigAlert GIS Application
Sewer System Overflows (SSO)
Brine Line
Operations Center
Brine Line Service Contracts

- CCTV
- Line Cleaning
- Meter Calibration
- Surveying
- Debris Disposal
- Line Draining
- Emergency Response
Focus of SAWPA Field Staff

- AV Maintenance
- ROW Maintenance
- Reach Inspections
- USA Digalerts
- Repairs
- Contractor oversight
- Building improvements
- Potholing