

Coachella Valley Integrated Regional Water Management Planning Partners

Thursday June 11th, 2015
1:00 – 3:00 p.m.

Coachella Valley Water District
75-515 Hovley Lane East
Palm Desert, CA 92211


AGENDA

Meeting Objectives:

- A. Updates on Coachella Valley IRWM Program
- B. Present Recommended Projects for Round 4 Application
- C. Updates on Proposition 1 Opportunities
- D. Overview of Coachella Valley Drought Response


Agenda:



- 1. Welcome and Introductions
- 2. Coachella Valley IRWM Funding Updates
 - a. Round 1, Round 2, and Round 3 (Drought Round) Updates
 - b. Round 4 Grant Schedule and Next Steps
- 3. Recommended Projects for Round 4 Application
 - a. CVRWGM Recommendation
 - b. Planning Partners Discussion
- 4. Updates on Proposition 1 Opportunities
- 5. Coachella Valley Drought Response
 - a. SWRCB Drought Regulation
 - b. What CVRWGM Agencies are Doing



Agenda

- Welcome and Introductions
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- Coachella Valley Drought Response





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Proposition 84, Round 1

- Total Grant Award: \$4 million
- Invoices Submitted to Date: 10
- Grant Share Invoiced to Date: \$2.8 million
- Grant Remaining: \$1.2 million
- Contract Completion Date: December 31, 2017








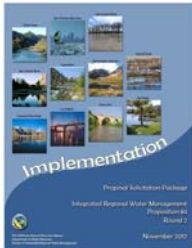









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Proposition 84, Round 2

- Total Grant Award: \$5.24 million
- Invoices Submitted to Date: 2
- Grant Share Invoiced to Date: \$1.2 million
- Grant Remaining: \$4 million
- Contract Completion Date: January 31, 2018



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Proposition 84, Round 3 (Drought Round)

- Total Grant Award: \$5.3 million
- Contract Recently Executed!
 - May 27, 2015
- Contract Completion Date: December 31, 2018





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Proposition 84, Round 4 (Final Round)

- DWR Schedule (subject to change):
 - May 13, 2015: Final Guidelines and Proposal Solicitation Package
 - June 22-23, 2015: DWR Workshops
 - CVRWMG to Attend to Represent the Region
 - August 7, 2015: Applications Due to DWR
 - November 2015: Announce Draft Recommendations
 - December 2015: Announce Final Awards




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Proposition 84, Round 4 (Final Round)

- Coachella Valley IRWM Schedule:
 - March 23 – May 8: Call for Projects
 - April 14, 2015: Technical Assistance Workshop
 - June 4, 2015: Project Sponsor Interviews
 - June 11, 2015: Planning Partners Discussion on Project Suite
 - Need Recommendation Today on Final Project Suite!
 - June 12 – August 7: Preparation of Grant Application





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Proposition 84, Round 4 (Final Round)


- Call for Projects: Open March 23 – May 8, 2015
 - Received 9 project submittals through the online project database
 - Projects scored in accordance with 2014 Coachella Valley IRWM Plan
- Following project scoring, projects evaluated per qualitative project selection criteria

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Proposition 84, Round 4 (Final Round)

- Qualitative Project Selection Criteria – Based on DWR Criteria
 - Quantifiable Physical Benefits: Limited to 6 specific benefits:
 1. Water supply: water supply produced, saved, or recycled (AFY)
 2. Water quality: constituent concentration reduced (mg/L)
 3. Flood: inundated acres reduced in acres
 4. Habitat: restored or protected habitat in acres
 5. Fisheries: increased fishery flow rate (cfs)
 6. Species protected: number of species benefitted
 - Schedule: Begin by April 2016; Complete by October 2020
 - Addresses long-term drought preparedness
 - Benefits disadvantaged community

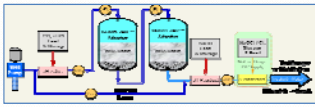





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Proposition 84, Round 4 (Final Round)

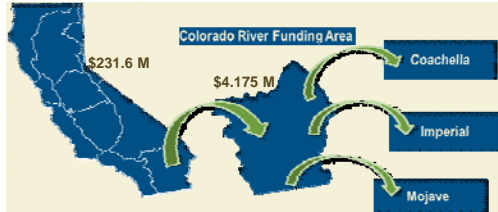

- Qualitative Project Selection Criteria – Based on Region:
 - Economic Feasibility
 - Evaluate benefits (amount of water produced or saved) per grant request
 - Technical Feasibility
 - Supporting documentation and technical feasibility
 - Status of funding match
 - Status of Project
 - Readiness to proceed

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Proposition 84, Round 4 (Final Round)

Grant Funding Available for Round 4





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Proposition 84, Round 4 (Final Round)

Projects Submitted for the Round 4 Grant Cycle

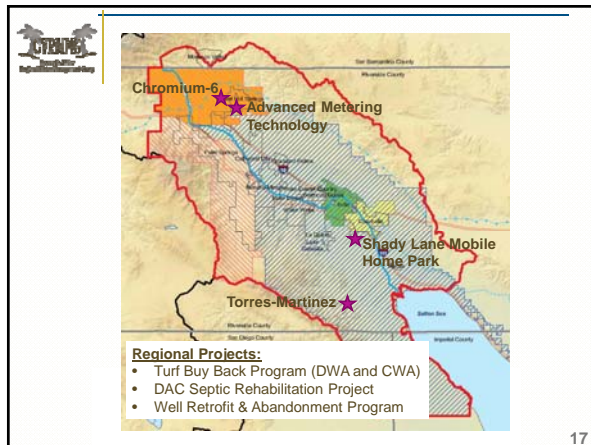
No.	Project Title	Project Sponsor
1	Avenue 64 Sewer Connection Project	Torres Martinez Desert Cahuilla Indians
2	Shady Lane Mobile Home Park Water and Wastewater Systems Project	UCI Law and California Rural Legal Assistance
3	Turf Buy Back Program	Desert Water Agency
4	Turf Buy Back Program	Coachella Water Authority
5	Desert Willows Waterline Replacement	Mission Springs Water District
6	Chromium 6 Wellhead Treatment	Mission Springs Water District
7	Advanced Metering Technology Pilot Project	Mission Springs Water District
8	DAC Septic Rehabilitation and Demand Reduction	Coachella Valley Water District
9	Well Retrofit and Abandonment Program	Coachella Valley Water District

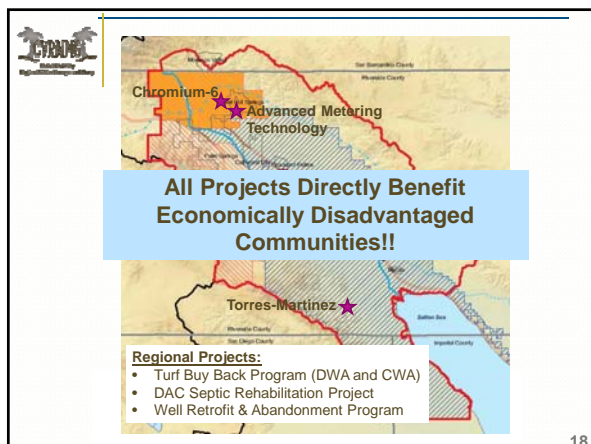


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Proposition 84, Round 4 (Final Round)

Projects Selected for the Round 4 Grant Cycle		
Project Title	Project Sponsor	Grant Recommendation
Avenue 64 Sewer Connection Project	Torres Martinez Desert Cahulla Indians	\$250,000
Shady Lane Mobile Home Park Water and Wastewater Systems Project	UCI Law and California Rural Legal Assistance	\$250,000
	Desert Water Agency	
Turf Buy Back Program	Coachella Water Authority	\$1,000,000
	Mission Springs Water District	
Chromium 6 Wellhead Treatment	Mission Springs Water District	\$1,500,000
Advanced Metering Technology Pilot Project	Mission Springs Water District	\$125,000
DAC Septic Rehabilitation and Demand Reduction	Coachella Valley Water District	\$500,000
Well Retrofit and Abandonment Program	Coachella Valley Water District	\$500,000
	Grant Administration	\$50,000
TOTAL		\$4,175,000





Proposition 84, Round 4 (Final Round)

Planning Partners Discussion and Recommendation

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Proposition 1 Update


- Overview of Proposition 1
 - \$7.5 billion available statewide
 - Categorized by project-type
- Purpose of Presentation
 - Provide updates on Proposition 1 IRWM funding
 - Provide updates on funding opportunities that have been expedited due to the drought

Project Type	Amount
Storage	\$2.7B
Watershed Protection, Ecosystem Restoration, and Settlements	\$1.495B
State Flood Mgmt	\$395M
Groundwater Sustainability	\$90M
Regional Water Reliability	\$510M
Safe Drinking Water	\$520M
Water Recycling	\$725M

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Proposition 1 Update

- \$510M for IRWM Statewide
 - \$22.5M for Colorado River Funding Area
- 50% Funding Match
 - DAC waivers available
- 10% DAC Requirement
- Schedule:
 - 2016: DAC Planning Grants
 - 2017: DAC Implementation Grants
 - 2018: IRWM Implementation Solicitation
- Coachella Valley IRWM Database
Always Open: www.cvrwmq.org





Proposition 1 (\$millions)
Proposition 84 (\$millions)

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Proposition 1 Update



- SWRCB: Water Recycling (79765)
 - Purpose is to fund multi-benefit projects that would:
 - Treat, store, convey, and distribute potable or non-potable recycled water
 - Provide contaminant and salt removal for groundwater or seawater
 - Constitute pilot projects for reuse/salt/contaminant removal technology
 - Provide technical assistance for DACs
 - Expedited Funding:
 - \$131.7 million expedited in FY15/16
 - Draft Guidelines available now
 - Final Guidelines available July
 - Website:
http://www.waterboards.ca.gov/water_issues/programs/grants_loans/water_recycling/proposition1_funding.shtml


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Proposition 1 Update

- SWRCB: Clean, Safe and Reliable Drinking Water (79724)
 - Purpose: public water system infrastructure improvements and actions to meet safe drinking water standards or affordable drinking water
 - Expedited Funding:
 - \$135.5 million expedited in FY15/16
 - Guidelines Recently Approved:
 - Funding limit: \$500,000
 - \$19 million for emergency drinking water needs
 - Funding requests may be submitted on a continuing basis
 - Priority for emergency funding where outages are most imminent and pose greatest threat to public health and safety

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Proposition 1 Update

- Want more information?
 - Sign-up to receive notifications from the state:
 - http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1.shtml



Funding Program	Funding Amount	Draft Guidelines	Public Workshops	Final Guidelines	Funding for Projects Anticipated in State Fiscal Year 2015/16?	Which Email List Should I Sign up for?
Clean Water State Resolving Fund	\$200 million	February 2015	March 2015	June 2015	Yes	Clean Water State Resolving Fund
Water Recycling	\$625 million*	February 2015	April 2015	June 2015	Yes	Water Recycling Funding Program
Clean, Safe and Reliable Drinking Water	\$260 million	April 2015	May 2015	August 2015	Yes	Drinking Water State Resolving Fund
Stormwater	\$200 million	April 2015	May 2015	June 2015	No	Stormwater Grant Program (Proposition 54)
Groundwater Sustainability	\$600 million**	April 2015	May 2015	August 2015	No	Groundwater Funding






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Proposition 1 Update

- Want more information?
 - Sign-up for the Coachella Valley IRWM stakeholder email list by emailing: cbenham@mcwater.com
 - We will send out continual notices and information about funding opportunities as they arise

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Drought Response

- Governor's Executive Order (April 1, 2015)
 - Directs SWRCB to impose restrictions to achieve a Statewide 25% reduction in potable urban water use through February 2016
 - Directs DWR to lead a Statewide initiative to collectively replace 50 million square feet of lawns and ornamental turf with drought tolerant landscapes
 - Directs CEC to implement a Statewide applicable rebate program
 - Mandates watering restrictions and reporting







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SWRCB Emergency Regulation

State Prohibitions and Requirements

<p>NOT ALLOWED for everyone</p> <ul style="list-style-type: none"> Using water to wash sidewalks & driveways Causing water runoff with irrigation Using a hose without a shut-off nozzle to wash a car Using fountains or water features that do not recirculate Watering when it is raining and 48 hours after measurable rain Watering turf in public street medians Watering yards of newly constructed homes outside of state building code requirements 	<p>Businesses MUST</p> <ul style="list-style-type: none"> Restaurants or food service establishment may ONLY serve water to customers upon request Hotels and motels must clearly display information allowing guests to opt out of daily laundering <p>Water Agencies MUST</p> <ul style="list-style-type: none"> Meet conservation target designated by the state Notify customers about leaks Report water use, compliance and enforcement to the state monthly
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SWRCB Emergency Regulation

- Conservation Mandate for CVRWGM Agencies
 - CWA – 24%
 - CVWD – 36%
 - DWA – 36%
 - IWA – 32%
 - MSWD – 32%






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Drought Response

- What CVRWG Agencies Are Doing
 - All agencies have:
 - Adopted State restrictions
 - Adopted watering days
 - Conservation Kits available
 - Limited funding for rebate programs
 - Established a means for reporting water-waste
 - For more information
 - Visit: CVWaterCounts.com
 - SEE HANDOUT!

Approximately \$8 million in Conservation and Non-Potable Water Grant Funding Secured for the Coachella Valley through IRWM Implementation Grants!



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Thank you!



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Project Title	Project Sponsor	Grant Recommendation	Brief Project Summary
Avenue 64 Sewer Connection Project	Torres Martinez Desert Cahuilla Indians	\$250,000	<p>Project builds on previously-funded project (Round 2 Implementation Grant). This project would provide funding for environmental compliance, design, and planning for a sewer connection to the Torres-Martinez Tribe.</p> <p>The Tribe, which is also economically disadvantaged, currently relies upon onsite septic systems, which regularly fail and are over-burdened. Funding will help leverage additional funding sources such as USDA funding for construction.</p>
Shady Lane Mobile Home Park Water and Wastewater Systems Project	UCI Law and California Rural Legal Assistance	\$250,000	<p>Rancho Garcia Mobile Home Park (the "Park") is located in Thermal, California. The Park currently provides housing for more than 30 low income families, and has the capacity to house at least 40 families. The residents of the Park do not have adequate water or sewer services, and therefore need to connect to the Coachella Water Authority's public sewer and water system.</p> <p>Grant funding will help leverage additional funding sources such as USDA funding for construction.</p>
Turf Buy Back Program	Desert Water Agency and Coachella Water Authority	\$1,000,000	<p>Desert Water Agency and Coachella Water Authority will administer programs to incentivize removal of turf and replacement with drought tolerant landscaping. The project will relieve impacts of the drought and are in line with a Statewide initiative to collectively replace 50 million square feet of lawns and ornamental turf with drought-tolerant landscapes.</p>
Chromium 6 Wellhead Treatment	Mission Springs Water District (MSWD)	\$1,500,000	<p>The State of California has established a new Chromium 6 (Chrome 6) maximum contaminant level (MCL) of 10 parts per billion (ppb), a lowering from 50 ppb. MSWD has determined that several of its well production facilities are out of compliance with the newly established MCL. In response, MSWD has selected an existing well production facility (Well 29) for treatment. Well 29 is one of the greatest producing wells in MSWD's system, producing 1,350 AFY (acre-feet per year), and it also exhibits the largest concentration of Chrome 6. Currently, the well is not in service due to Chrome 6 concentrations.</p> <p>The project will involve complete construction of a Chrome 6 wellhead treatment system at Well 29, including well upgrades in order to meet the treatment system's additional hydraulic demands.</p>
Advanced Metering Technology Pilot Project	Mission Springs Water District (MSWD)	\$125,000	<p>The Coachella Valley, along with the rest of California, is experiencing a severe drought with limited potable water resources. Reducing and eliminating water waste is a key component to better managing our limited water resources within the Coachella Valley IRWM Region. Implementation of advanced metering technology has proven to be a valid tool in leak detection and water conservation consistent with water supply goals of the Coachella Valley.</p> <p>This pilot program will install 100 meters and data collection systems with public outreach to inform and educate MSWD's customer participants. After installation data will be collected and analyzed over a one year period. An analysis will be conducted which will determine the validity of expanding the program throughout MSWD's entire service area. A report with the results of the analysis will be prepared and distributed to all interested parties to determine if advanced metering could be implemented to conserve water across the region.</p>
DAC Septic Rehabilitation and Demand Reduction	Coachella Valley Water District (CVWD)	\$500,000	<p>This project would include a rebate program through which rebates would be issued to DACs to implement onsite greywater systems. The greywater systems would divert flows from washing machines (a major source of water loading to onsite septic systems) to onsite irrigation systems within mobile home park communities in the East Valley. This project was developed as an outcome of the 2013 DAC Outreach Program.</p> <p>This project would resolve both issues associated with over-burdened septic systems and irrigation needs of DACs by diverting greywater from washing machines to onsite irrigation systems. As such, the project would help to improve septic systems and associated public health issues and would also beneficially reuse water to benefit mobile home communities.</p>
Well Retrofit and Abandonment Program	Coachella Valley Water District (CVWD)	\$500,000	<p>A number of supply wells exist in the Coachella Valley which are improperly sealed or abandoned, posing a water quality risk to the groundwater basin. Some of these wells which are no longer in use for various reasons, if properly sealed, may be able to be converted to monitoring wells for use in the California Statewide Groundwater Elevation Monitoring (CASGEM) program. Other wells can be properly abandoned or destroyed under this program without being further retrofitted for monitoring. Similarly, wells that have become artesian as a result of overdraft reduction can be properly sealed, thereby reducing the risk of groundwater contamination from sources at the surface.</p> <p>This project would include implementation of a rebate program recommended in the 2014 Coachella Valley IRWM Program to identify high-priority wells for conversion, then provide funding for proper sealing or retrofitting.</p>