

# **Coachella Valley Integrated Regional Water Management Program Planning Partners**

**Wednesday, May 15, 2019  
10:30 a.m. – 12:00 p.m.**

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

## **AGENDA**

### **Meeting Objectives:**

- A. Update Planning Partners on Coachella Valley IRWM Program
- B. IRWM/SWR Plan Adoption
- C. Present Highlights of 2019 Implementation Grant Proposal Final Solicitation Package – Proposition 1 Round 1

### **Agenda:**

- 1. Welcome and Introductions
- 2. Coachella Valley IRWM Program Updates
  - a. Program Success
- 3. Proposition 84 Project Highlights
- 4. 2018 IRWM/SWR Plan Adoption
- 5. Proposition 1 Implementation Grant Round 1
  - a. Grant Solicitation
  - b. Overview of Final PSP
  - c. Key Requirements
  - d. Project Scoring
- 6. Project Selection
  - a. Call for Projects
  - b. Projects Included in Grant Application
- 7. Public Comments
- 8. Summary & Next Steps



# Coachella Valley Integrated Regional Water Management Program

## Planning Partners

May 15, 2019




City of Coachella   WATER DISTRICT   Indio Water Authority   DESERT WATER   MSWD   VALLEY SANITARY DISTRICT

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## Agenda

- ◆ Welcome and Introductions
- ◆ Coachella Valley IRWM Program Updates
- ◆ IRWM/SWR Plan Adoption
- ◆ Proposition 1 – Round 1
- ◆ Project Selection
- ◆ Summary and Next Steps



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## Program Updates

- ◆ Prop 84 - Round 1 is complete.
- ◆ Prop 84 - Rounds 2 and 3 are continuing and are anticipated to be complete in September 2019.
- ◆ Prop 84 - Round 4 is underway and is anticipated to be complete in April 2020.
- ◆ Prop 1 – Planning Grant is complete and will be closed out in June 2019.
- ◆ Prop 1- DAC Involvement Grant is underway.



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## Program Success

Grant Solicitation Name	Number of Projects Funded	Total Grant Award	Current Status
Proposition 84 Planning Grant	1	\$1,000,000	Complete
DAC Outreach Grant	1	\$500,000	Complete
Proposition 84 – Round 1	4	\$4,000,000	Complete
Proposition 84 – Round 2	8	\$5,240,000	Underway
Proposition 84 – Round 3	2	\$5,270,636	Underway
Proposition 84 – Round 4	6	\$2,361,627	Underway
Proposition 1 Planning Grant	1	\$211,982	Underway
Proposition 1 DAC Involvement	3	\$1,118,030	Underway
<b>TOTAL</b>	<b>26</b>	<b>\$19,702,275</b>	--



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## IRWM Prop 84 Project Highlights

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# Septic Rehabilitation Rebate Program

- ◆ Proposition 84, Round 4 grant to assist local DAC communities with the replacement or repair of failing septic systems.
- ◆ Partnership with Pueblo Unido to award rebate funds totaling \$250,000 to eligible projects.
- ◆ Six mobile home parks and three residences have, or are in the process of, benefitting from the program.
- ◆ Memorandum of Agreement between the applicants, contractors, and CVWD, has been pivotal to the success of program.
- ◆ The program will help protect our groundwater and the health of the community.



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# From Failing Septic Systems to Healthy Communities

◆ Obstructed system repaired to code for \$3,400

Rehabilitated leach field project \$32,500



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## IRWM/SWR Plan Adoption

- ◆ Plan finalized and submitted to DWR in December 2018
- ◆ California public comment period posted to DWR website February 25<sup>th</sup> to March 25, 2019
- ◆ DWR reviewed and approved the Coachella Valley IRWM Plan on April 9, 2019 – plan is compliant and the region is eligible for funding!
- ◆ Regional Water Management Group Agencies Boards are adopting the plan locally (3 adopted and 3 soon to be adopted)



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## Proposition 1 – Round 1

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A decorative header for a presentation slide. It features a horizontal band with blue and white hexagonal patterns on the left and right sides. The central text "Prop 1-Round 1 Grant Solicitation" is in a bold, blue, sans-serif font.

## Prop 1-Round 1 Grant Solicitation

- ◆ Eligible project types:
  - Water reuse
  - Some types of water-use efficiency and conservation
  - Storage
  - Regional water conveyance facilities
  - Watershed protection and restoration
  - Stormwater resource management
  - Conjunctive use
  - Desalination
  - Decision support tools
  - Water quality and treatment
  - Regional projects or programs



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## Prop 1-Round 1 Grant Solicitation

- ◆ Funding Criteria from DWR:
  - 50% funding match required
    - DAC waiver possible, partial or full
  - Reimbursement eligible after Final Award date
  - Match funding eligible beginning January 1, 2015
- ◆ Anticipated Grant Agreement Timeline:
  - 5 years – January 2020 – December 2024 (*tentative*)



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## Prop 1-Round 1 PSP

- ◆ Draft PSP released October 5, 2018
- ◆ Final PSP released April 22, 2019
- ◆ Eligible proposals must:
  - Respond to climate change
  - Contribute to regional water self-reliance
- ◆ All projects must:
  - Address the most critical needs of the IRWM region
  - Be consistent with Statewide Priorities
  - In general, each project must demonstrate a useful life of at least 15 years as required by Government Code §16727, as applicable

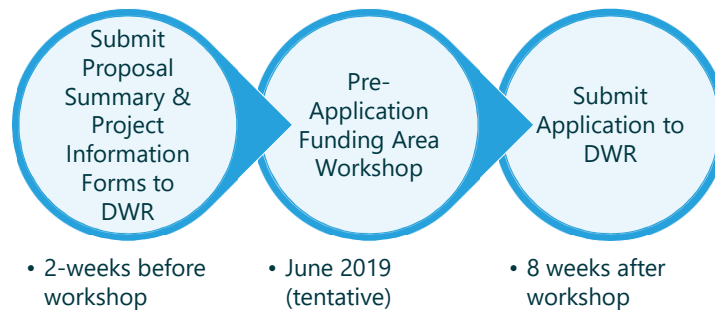


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## Prop 1-Round 1 Final PSP

- ◆ ~\$7.8 million available for Colorado River Funding Area
  - Reminder: The Colorado River Funding Area is shared by Coachella Valley, San Geronio, Imperial and Mojave
- ◆ DWR Process and Schedule:



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## Key Requirements

- ◆ CEQA and permits necessary to start construction must be completed within 12 months of Final Grant Award or prior to agreement execution, whichever occurs first
  - Grant Agreement will not be executed without CEQA
  - DWR will remove projects from the agreement if they fail to meet this criterion
  - Exception for DACs and tribes
- ◆ CEQA and permits estimated due by September 2020



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# Round 1 vs. Round 2 Funding

## Final PSP

	Round 1			Round 2		
	DAC	General	Total	DAC	General	Total
	35%	50%	-	65%	50%	-
CRFA	\$787,500	\$7,075,765	\$7,863,265	\$1,462,500	\$7,075,765	\$8,538,265



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# Project Scoring

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## DWR Scoring Criteria - Proposal

- ◆ For Proposal, DWR considers the following:
  - At least one project provides safe, clean, affordable, and accessible potable water
  - At least one project addresses contaminants in AB 1249, if applicable
  - Does proposal support intent of IRWM?
  - Collaboration/coordination of agencies, regions, or funding areas
  - Efficiencies or mutual solutions



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## DWR Scoring Criteria - Project

- ◆ For Projects, DWR considers the following:
  - Sufficient information provided to understand project and believe project claims
  - Consistency and reasonableness of Work Plan, Budget, & Schedule
  - Project addresses critical needs and priorities of region
  - Project addresses climate change
  - Ability to access/use project site
  - Leveraging other funds beyond cost share requirement
  - Multiple benefits
  - Benefits multiple regions/funding areas
  - Uses new/innovative technology



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## Project Scoring Process

- ◆ Numeric scoring included in the 2018 IRWM Plan with some flexibility (Chapter 9)

- ◆ Process:



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## Call For Projects

- ◆ A total of 28 projects were received during the call for projects from November 1, 2018 to December 14, 2018
- ◆ The total grant funds for all eligible projects would be \$14.2 million (with only \$7.8 million available)
- ◆ Scoring and ranking based on IRWM Plan criteria



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## Projects Included in Grant Application

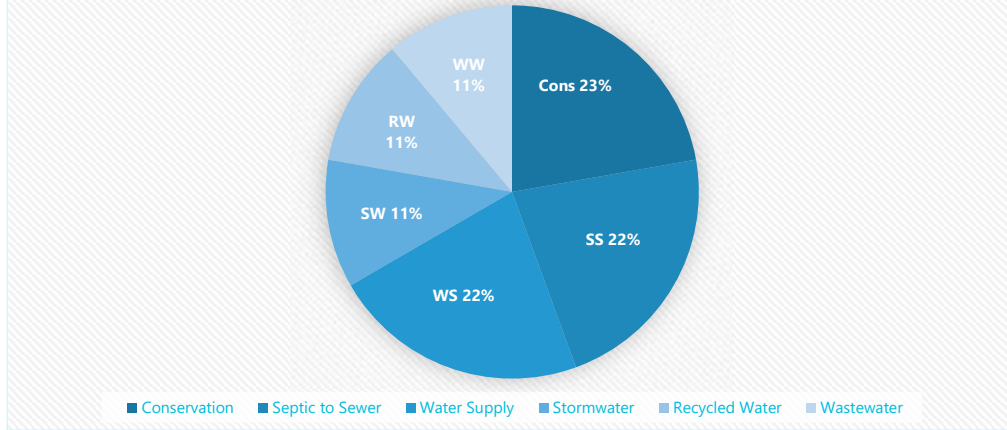
Project Name	Project Sponsor	Requested Funding Amount
Coachella Valley Regional Turf Buy Back and Demonstration Garden Program	CVWD	\$1,225,000
Eastern Coachella Valley Septic to Sewer Conversions	CVWD	\$500,000
Castro Mobile Home Park Water Consolidation	CWA	\$1,083,000
Eastern Coachella Valley Water Supply Project – Small Water Systems	CVWD	\$750,000
Groundwater Quality Protection Project – Sub Area M2-1	MSWD	\$1,950,000
Monroe Street Sewer Expansion	CVWD	\$950,000
Mid Valley Pipeline – Phase II	CVWD	\$1,200,000
Coachella Water Authority Conservation Program	CWA	\$100,000
Improvements for Existing Dry Well Located South of 52 Ave	Coachella	\$35,000



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# Projects Included in Grant Application

Types of Projects Submitted



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**Questions?**

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***Thank You For Attending!***

Project Title	Project Sponsor	Grant Recommendation	Brief Project Summary
Coachella Valley Regional Turf Buy Back and Demonstration Garden Program	CVWD, CWA, DWA & MSWD	\$1,225,000	This project will implement a regional turf reduction program and demonstration gardens. CVWD, DWA, IWA, CWA, and MSWD will provide funding to offset costs for the removal of turf for their customers to reduce outdoor water demand. The CVWD and IWA demonstration gardens include the design, installation, and materials to be utilized in the creation of centrally located gardens for the purpose of demonstrating lush and efficient plant material, ground covers, and irrigation techniques to the public. The gardens are to utilize current smart phone/tablet technology to constantly provide current technology to visitors long after the garden is completed.
Eastern Coachella Valley Septic to Sewer Conversions	Coachella Valley Water District	\$500,000	This project consists of connecting mobile home parks with aging or failing septic systems to CVWD's sewer system in instances where connections are technically and economically feasible. Conditions that lead to feasibility include close proximity to existing infrastructure and the ability of the mobile home park owners to fund private on-site costs of connection.
Castro Mobile Home Park Water Consolidation	Coachella Water Authority	\$1,083,000	The Castro Mobile Home Park proposed water system consists of extending potable water service from an existing public water main. The water main extension includes the connection to the existing pipeline, installation of 8-inch water main, approximately 45 water services, meter boxes and service reconnections. Once the proposed water main is progressed for service, the existing water well system will be required to be destroyed to comply with the County of Riverside Department of Environmental Health requirements.
Eastern Coachella Valley Water Supply Project – Small Water Systems	Coachella Valley Water District	\$750,000	In the eastern Coachella Valley, there are a number of rural communities that are not connected to Coachella Valley Water District's (CVWD's) potable water system. These communities are classified as disadvantaged communities (DACs) and depend on local private wells connected to independent small water systems (SWSs) to supply their drinking water. The local groundwater supplies of several of the SWSs have shown elevated concentrations of arsenic and other constituents that are currently regulated by the State or may be in the near future (e.g., hexavalent chromium).  CVWD evaluated and prioritized independent SWSs from DACs in the eastern Coachella Valley for consolidation to CVWD's potable water system. This project will develop preliminary engineering and environmental compliance documents for the 12 highest priority SWSs.
Groundwater Quality Protection Project – Sub Area M2-1	Mission Springs Water District	\$1,950,000	The proposed project will construct a portion of the wastewater collection system in Assessment District 15, more specifically Sub Areas M2-1 which will connect 318 parcels to the MSWD sewer system and abate over 182 on-site septic systems. This project will protect both the drinking water supplies and the hot water that is the basis of the spa economy for the City of Desert Hot Springs and the Coachella Valley.
Monroe Street Sewer Expansion	Coachella Valley Water District	\$950,000	The Torres Martinez Band of Cahuilla Indians Avenue 64 housing subdivision consists of 33 Tribal homes, a community park, cemetery, and church all currently on a failing septic system. A sewer collection system within the subdivision is being constructed through a joint project with the Tribe, U.S. Indian Health Services, and the U.S. Environmental Protection Agency.  The proposed Monroe Street Sewer Expansion would connect the Tribes subdivision collection system to the existing CVWD sewer facilities at the corner of Avenue 62 and Monroe Street. The project would consist of 4,100 feet of 8-inch gravity sewer main and 12 manholes, and would convey wastewater south to north along the west side of Monroe Street.
Mid Valley Pipeline – Phase II	Coachella Valley Water District	\$1,200,000	The Mid-Valley Pipeline project is a non potable water distribution system to convey recycled water and Colorado River water to golf courses for irrigation in lieu of groundwater. The project consists of two phases. Phase 1 is complete and consists of a booster station at the Coachella Canal in the City of Indio, approximately 7 miles of 54-inch pipeline along the Whitewater River Stormwater Channel, and 90 acre-feet of storage reservoirs at CVWD's WRP 10. Phase 1 pumps Colorado River water from the canal to the existing WRP 10 recycled water distribution system which serves 8 golf courses. Colorado River water augments the recycled water supply in summer months when golf course irrigation demand exceeds recycled water supply.  Phase II consists of expansion of the WRP 10 distribution system with the installation of 50,000 linear feet of non-potable water pipeline, replace and expand the existing T-1 pump station to provide a total of 24,000 gpm flow capacity, and connection to 7 additional golf courses with an average demand of 1,000 acre-feet per year each.
Coachella Water Authority Conservation Program	Coachella Water Authority	\$100,000	The Coachella Water Conservation Program is a multifaceted program consisting of a suite of conservation programs and activities designed to increase efficiency, reduce future water demand, and assist the City of Coachella in meeting the requirements of the 20x2020 Plan and Executive Order B-37-16. The Conservation Program is designed to bring water conservation activities to an accessible level to a wide range of constituents throughout the Water Authority's service area by the following activities: <ul style="list-style-type: none"> <li>•toilet exchange program for leaky toilets or ones exceeding 1.6 gpf</li> <li>•Smart irrigation clocks program featuring free installation and programming</li> <li>•Low Flow indoor and outdoor fixtures including showerheads and faucet aerators</li> </ul>
Improvements for Existing Dry Well Located South of 52 Ave	City of Coachella	\$35,000	The city installed dry wells as a solution to prevent urban runoff from residential zones for stormwater management. These are typically designed to temporarily store and infiltrate roof runoff. Some factors that affected the rate of flow through the dry well included the size of the drainage area (volume of runoff), the size and intensity. The current drywell captures and stores urban stormwater runoff and is infiltrated to reduce discharge to the Coachella Valley Storm Channel (CVSC). The drywell will intercept and pretreat contaminants like suspended solids and improve surface water quality of the CVSC. This will also assist with reducing localized flooding and convey stormwater away from the property to the CVSC.

**TOTAL                    \$7,793,000**