

Coachella Valley Integrated Regional Water Management Planning Partners

**Thursday March 13th, 2014
1:00 – 3:00 p.m.**

**Coachella Valley Association of Governments
73-710 Fred Waring Drive, Suite 115
Palm Desert, CA 92260**

AGENDA

Meeting Objectives:

- A. Discuss Proposition 84 Grant Awards
- B. Overview of Disadvantaged Community (DAC) Outreach Program
- C. Discuss IRWM Plan Comments and Revisions
- D. Provide Update of Current IRWM Projects

Agenda:

- 1. Welcome and Introductions
- 2. Status of IRWM Planning Activities and Schedule
 - a. Round 1 Grant Projects – Award Redistribution
 - b. Round 2 Grant Funding Success!
 - c. Round 3 Schedule and Next Steps
- 3. Overview of DAC Outreach and Assistance
 - a. DAC Outreach Demonstration Program Report
 - b. Next Steps
- 4. IRWM Plan Update
 - a. CVRWVG Adoption Schedule – March 2014
 - b. Discuss Major Comments Received and Revisions
 - c. Planning Partners Approval of 2014 IRWM Plan Update
 - d. Next Steps

**Coachella Valley Integrated Regional Water Management Plan
Planning Partners Meeting**

March 13, 2014

Agenda

- Welcome and Introductions
- Status of IRWM Planning Activities and Schedule
- Overview of DAC Outreach and Assistance
- IRWM Plan Update

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IRWM Plan Update: Overall Schedule

Tasks	2012	2013	2014
Meetings/Workshops	Progress	Progress	Progress
DAC Water Quality Evaluation	Progress	Progress	Progress
Salt & Nutrient Planning	Progress	Progress	Progress
Integrated Flood Management	Progress	Progress	Progress
Groundwater Monitoring	Progress	Progress	Progress
IRWM Plan Update	Progress	Progress	Progress
DAC Outreach Program	Progress	Progress	Progress

Round 1 Grant Projects

- Implementation Grant-Round 1 funding (\$4 million)

Project	Amount
Septic-to-Sewer Conversion Program (2 Projects)	\$2,350,000
Regional Water Conservation Program	\$1,000,000
Short-Term Arsenic Treatment	\$550,000




Round 1 Grant Projects

- Septic-to-Sewer Conversion Program
 - Two separate projects implemented by two project sponsors:
 - Mission Springs Water District and Cathedral City
 - Cathedral City project no longer able to move forward
- Region Needs to Redistribute Funding
 - Project(s) must have similar benefits and meet basic IRWM requirements
 - \$1.3 million available for redistribution




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Round 1 Grant Projects

- Cathedral City Project :
 - Offsets 132 equivalent dwelling units (EDUs) in a DAC in an area where septic conversion recommended by Regional Board
 - Benefits:
 - Protect and improve groundwater quality by eliminating failing septic tanks
 - Address water and sanitation needs of a DAC by eliminating failing septic tanks in a DAC
 - Improved system reliability by bypassing flows from an existing pumping station to a gravity sewer system
 - Increase quantity of reclaimed water by connecting existing septic systems to sanitary sewer system




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Round 1 Grant Projects

- Potential Project 1: MSWD Area J-1
 - Offsets up to 306 EDUs in a DAC that relies on local groundwater basin for economy (Desert Hot Springs) and protects drinking water supplies.
 - Grant per EDU = \$4,513 - \$5,285
 - Benefits
 - Protect and improve groundwater quality by eliminating septic tanks
 - Address water and sanitation needs of a DAC by eliminating septic tanks in a DAC
 - Increase quantity of reclaimed water by connecting existing septic systems to sanitary sewer system
 - Comply with California State Law by eliminating septic systems




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Round 1 Grant Projects


- Potential Project 2: Oasis Gardens
 - Offsets up to 157 EDUs in a severely DAC located in the perched aquifer: diversion of flows would protect surface water quality.
 - Grant per EDU = \$4,850
 - Benefits
 - Protect and improve groundwater quality by eliminating septic tanks
 - Address water and sanitation needs of a DAC by eliminating septic tanks in a DAC
 - Increase quantity of reclaimed water by connecting existing septic systems to sanitary sewer system
 - Provide onsite wastewater services to a severely DAC




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Planning Partners Discussion and Recommendation on Round 1 Awards

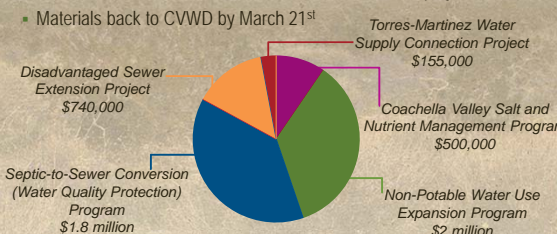


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Round 2 Grant Funding Success!

- Final Awards released February 4, 2014
- Total Grant Award - \$5.24 million (\$2.7 million to DAC projects)
- Materials back to CVWD by March 21st




Project Name	Amount
Disadvantaged Sewer Extension Project	\$740,000
Torres-Martinez Water Supply Connection Project	\$155,000
Coachella Valley Salt and Nutrient Management Program	\$500,000
Non-Potable Water Use Expansion Program	\$2 million
Septic-to-Sewer Conversion (Water Quality Protection) Program	\$1.8 million



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Round 3 Schedule and Next Steps


- \$16.7 million remaining for the Colorado River Funding Area
- SB 104 directed DWR to release all remaining Proposition 84 funding (\$472.5 million)
 - \$21.8 million for Round 2
 - \$200 million 'expedited' funding for drought relief
 - Possible expedited funding cycle due this summer for drought relief
 - \$250.7 million for non-expedited IRWM funding
 - Possible consolidated Round 3 or Round 4 cycle in 2015/2016



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Round 3 Schedule and Next Steps

- SB 104 drought relief language:
 - "...for projects that provide immediate regional drought preparedness, increase local water supply reliability and the delivery of safe drinking water, assist water suppliers and regions to implement conservation programs and measures that are not locally cost-effective, or reduce water quality conflicts or ecosystem conflicts created by the drought."
- Coachella Valley IRWM Region will begin project selection process as soon as DWR provides guidance
 - Check your emails for updates!
 - Project database is currently open




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Round 3 Schedule and Next Steps

Tentative Timeline – Pending DWR Guidance

Task	2014						
	Mar	Apr	May	Jun	Jul	Aug	Sep
Planning Partner Input on Round 3 Grant Process	0						
CVRWMC Provides Technical Support to DACs - Project Development							
Coordinate with Riverside County DEH, RB, etc. on Call for Projects							
Call for Projects							
Project Database/Integration Workshop				0			
Technical Vetting/Scoring of Submitted Projects							
Interviews and Project Selection							
Planning Partners Approval of Funding Recommendation							
CVWD Board Approval of Grant Application Submittal							
Consultant, UPS, and CVRWMC Develop Grant Application							
Anticipated Round 3 Application Deadline							


0 = Planning Partners Meeting



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Agenda



- Welcome and Introductions
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- Overview of DAC Outreach and Assistance
- IRWM Plan Update



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DAC Outreach Demonstration Program



- DAC Outreach Demonstration Program is Volume II of 2014 Coachella Valley IRWM Plan
- Volume II includes:
 - DAC Outreach Demonstration Project
 - Participation Report
 - DAC Demonstration Projects
 - DAC Characterization and Mapping
 - Bilingual DAC Handouts
- Submitted to DWR

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DAC Outreach Demonstration Program

- Next Steps
 - Region will continue to advocate for improvements to grant process for DACs
 - Region will continue to provide technical support to DACs for local IRWM grant process
 - Types of projects: septic-to-sewer conversion, onsite water or wastewater treatment, connection to municipal water system






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


IRWM Plan Update


- Purpose of today's discussion:
 - Discuss comments received during public review period
 - Review changes and additions to IRWM Plan
 - Discuss next steps












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IRWM Plan Update

- Volume I
 - 2014 Coachella Valley IRWM Plan body and appendices
- Volume II
 - Coachella Valley DAC Outreach Program and DAC-related appendices
 - Designed as a stand-alone resource for DACs as well as to support Volume I






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IRWM Plan Update

- 2014 Coachella Valley IRWM Plan was released to public on February 25, 2014
- Plan adoption by CVRWMG governing boards:

CWA	CVWD	DWA	IWA	MSWD
March 12 6:00 p.m.	March 11 9:00 a.m.	March 18 8:00 a.m.	March 19 5:00 p.m.	March 17 3:00 p.m.
1515 6th Street, Coachella CA 92236	85-995 Avenue 52, Coachella CA 92236	1200 Gene Autry Trail South, Palm Springs CA 92264	150 Civic Center Mall, Indio CA 92201	66575 Second Street, Desert Hot Springs CA 92240












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IRWM Plan Update Changes: Public Comments

- Major Comments:
 - Capture DAC issues and needs in greater detail and elevate them
 - Increase assistance to and engagement with DACs
 - Describe water quality issues in East Valley – specifically wells that exceed water quality standards
 - Acknowledge conflicts between DACs and agencies and residents and landowners
 - Be more specific with proposed measurements for assessment of Plan and Program performance












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IRWM Plan Update Changes: Public Comments


- Major Comments, continued:
 - Incorporate recommendations from DAC Outreach Program
 - Improve discussion of water supply, sources, and demands
 - Include information about water rates and best management practices
 - Make commitments to Planning Partners meetings and Data Management System
 - Improve stormwater and flood descriptions per industry standards and regional conditions

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IRWM Plan Update Changes: General

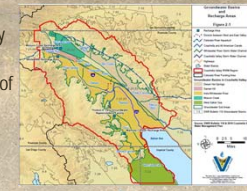

- Updated references to Proposition 84 Round 2 Grant to indicate 100% funding award
- Edited language to clarify points of confusion and improve readability
- Updated information in the IRWM Plan with additional data and information to clarify information and respond to comments



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IRWM Plan Update Changes: Water Supply and Demand



- Changes:
 - Added water rates for CVRWMG agencies
 - Clarified naming conventions for groundwater basins and sub-basins
 - Added list of BMPs implemented by CVRWMG agencies
 - Expanded and clarified discussion of water supply reliability for imported water

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IRWM Plan Update Changes: Data Management


- Changes:
 - Clarified that metrics used to measure IRWM objectives are based on existing information
 - Added information about the potential for a Data Management System project
 - Provided additional information about available databases
 - Expanded discussion of data gaps to in central location

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IRWM Plan Update Changes: Targets and Measurements


- Changes:
 - Added new metric to address changing MCLs (chromium-6)
 - Updated metrics per available data and included data gaps where data is not currently available



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IRWM Plan Update Changes: Project Selection

- Changes:
 - Added information about online project database, including that projects remain in the database until removed by project sponsors
 - Expanded description of technical assistance provided by CVRWMG during project solicitation phase
 - Included intent to solicit Planning Partner input on Round 3 project selection and review processes
 - Explained competitiveness of Funding Area and how competitiveness affects local project selection process




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IRWM Plan Update Changes: Disadvantaged Communities

- Changes:
 - Incorporated DAC Outreach Program recommendations and added Table 4-2 and Table 4-3 describing recommendations and who would be responsible for implementation

Issue	Recommendation	Potentially Responsible Party
General Participation	Provide regional transparency - explain why requirements are changing	DWR
IRWM Program Complexity - Changing Requirements	Request to convene teams from IRWM stakeholders	DWR
	Support education and outreach to increase statewide knowledge of IRWM	DWR
IRWM Program Complexity - Complicated Requirements	Reduce requirements of IRWM Guidelines and allow regions to complete head-to-head planning	DWR
	Ensure financially constrained are available to implement solutions	DWR
Role of IRWM Program	Provide ongoing transparent information and education about IRWM Program. It's complex, technical, and sometimes difficult to discuss	DWR
	Minor organizations with strong relationships with DACs to participate in outreach efforts	DWR/CVRWMG*



*The CVRWMG would implement these recommendations on-the-ground but require financial support from DWR for sustained efforts.



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IRWM Plan Update Changes: Disadvantaged Communities

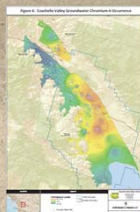

- Changes, continued:
 - Revised discussion of DAC issues and needs to include/expand:
 - Water supply and water quality issues,
 - Conflicts of interest between landowners and residents
 - Inadequate wastewater infrastructure
 - Rural water issues
 - Flood control/stormwater management
 - Public health hazards
 - Addressed feasibility and cost concerns of DAC projects
 - Added cross-references between DAC pieces throughout Plan

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IRWM Plan Update Changes: Water Quality - Groundwater

- Changes:
 - Added discussion of Chromium-6 MCL and its impacts on the Region
 - Added detail to groundwater quality discussion to acknowledge data gaps
 - Refined information about varying groundwater quality across geographic areas and depths
 - Incorporated findings from the Evaluation of Valley-Wide Groundwater Monitoring Program

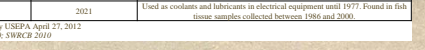
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IRWM Plan Update Changes: Water Quality - Stormwater

- Changes:
 - Added discussion of potential point sources of pollution
 - Updated TMDLs and impaired water bodies consistent with current 303(d) listing
 - Clarified priority TMDL is indicator bacteria in lower 17 miles of stormwater channel

Pollutant	Estimated TMDL completion date	Comments
Pathogens (E. coli)	2010	Found along a 17-mi stretch from Dillon Rd. to Salton Sea
Toxaphene	2019	Used as insecticide until 1982. Found along 2-mi stretch from Lincoln St. to Salton Sea
DDT	2021	Used as pesticide until 1970s. Found in fish tissue samples collected between 1986 and 2000
Dieldrin	2021	Used as pesticide until 1974. Found in fish tissue samples collected between 1986 and 2000
PCBs	2021	Used as coolants and lubricants in electrical equipment until 1977. Found in fish tissue samples collected between 1986 and 2000.

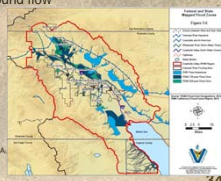

TMDL approved by USEPA April 27, 2012
Source: CVWD 2010; SWRCB 2010



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IRWM Plan Update Changes: Stormwater and Flooding



- Changes:
 - Clarified language used to describe storm flows per standard industry language
 - Distinguished between the WRSC and CVSC throughout chapters
 - WRSC is natural portion of stormwater channel with intermittent flow
 - CVSC is channelized and contains year-round flow
 - Expanded discussion of flood management to refine discussion of appropriate use of BMPs in the arid Coachella Valley

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IRWM Plan Update Changes: Issues and Needs


- Changes:
 - Expanded issues and needs for consistency with stakeholder comments
 - Expanded summary of significant water management issues in the Coachella Valley (Table 3-2)


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IRWM Plan Update Changes: Coordination and Communication

- Changes:
 - Commitment to hold future Planning Partners meetings with flexibility based on the status of IRWM Program
 - Refined discussion of existing efforts and provided information (where applicable) to explain limitations of the IRWM Program
 - Identified examples of local regulatory agencies that will require coordination for projects that require permits and other approvals
 - Reports on implementation during Planning Partner meetings
 - Highlighted outreach to targeted stakeholder groups
 - Allows stakeholders to initiate formal updates to IRWM Plan through written requests




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IRWM Plan Update Changes: Financing

- Changes:
 - Added Safe Drinking Water Emergency Funding, Small Community Infrastructure Improvements for Chemical and Nitrate Contaminants, and Prevention and Reduction of Groundwater Contamination to Prop. 84 funding programs
 - Added Supplemental Environmental Project and Future Water Bond to list of State funding programs



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IRWM Plan Update: Next Steps

- Adoption by CVRWMG agencies, Planning Partners, and local project sponsors
- Finalize Deliverables:
 - Public Outreach document
 - Progress Report
 - DAC project development
 - Groundwater project development



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Coachella Valley
Regional Water Management Group



Coachella Valley Integrated Regional Water Management Plan Planning Partners Meeting

March 13, 2014