

Coachella Valley Integrated Regional Water Management
Public Workshop
Draft 2014 IRWM Plan Update

Wednesday November 6, 2013
1:00 – 3:00 p.m.

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

AGENDA

Meeting Objectives:

- A. Keep participants up-to-date on the Coachella Valley IRWM Program, including schedule and key milestones.
- B. Present Draft IRWM Plan and solicit feedback.
- C. Share/capture other relevant thoughts and ideas for future discussion.

Agenda:

- 1. Welcome and Introductions
- 2. IRWM Program Overview and Planning Activities
- 3. Draft IRWM Plan Update
 - a. Presentation on Draft IRWM Plan
 - b. Discussion: Questions or comments on the IRWM Plan?
- 4. Next Steps
 - a. Public Review of 2014 IRWM Plan: November 4–December 31, 2013
 - i. Download the plan: www.cvrwmq.org
 - ii. Submit electronic comments to: cvirwm@rmcwater.com
 - iii. Submit hard copy comments to:

Rosalyn Prickett

RMC Water & Environment

10509 Vista Sorrento Parkway, Suite 205

San Diego, CA 92121



Coachella Valley Integrated Regional Water Management

Public Workshop

Draft 2014 IRWM Plan Update

November 6, 2013

Logos: City of Coachella, Coachella Valley Water District, DESERT WATER, Indio Water Authority, MSWD



Agenda

- Welcome and Introductions
- IRWM Program Overview and Planning Activities
- Draft IRWM Plan Update
- Next Steps

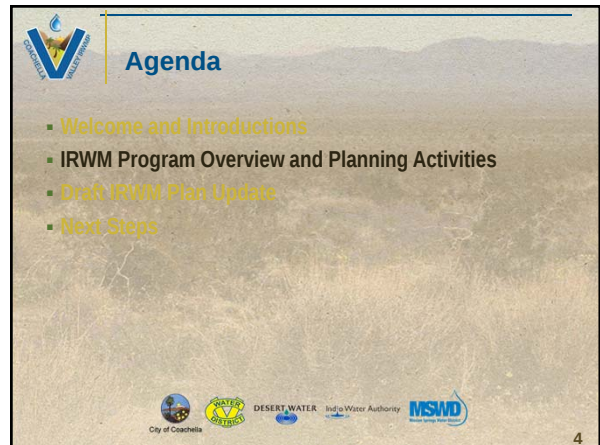
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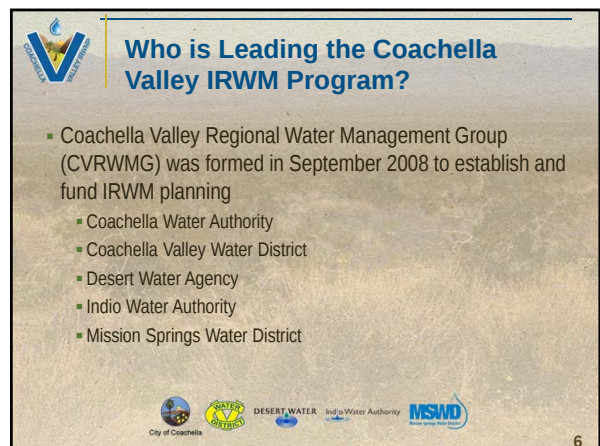
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What is Integrated Regional Water Management (IRWM) Planning?

- A regional approach for addressing water management issues preferred by:
 - Department of Water Resources (DWR)
 - State Water Resources Control Board
- A mechanism for stakeholders to work together to effectively implement water management projects

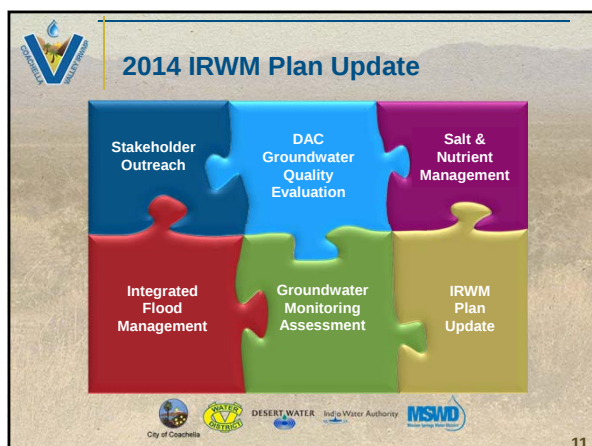
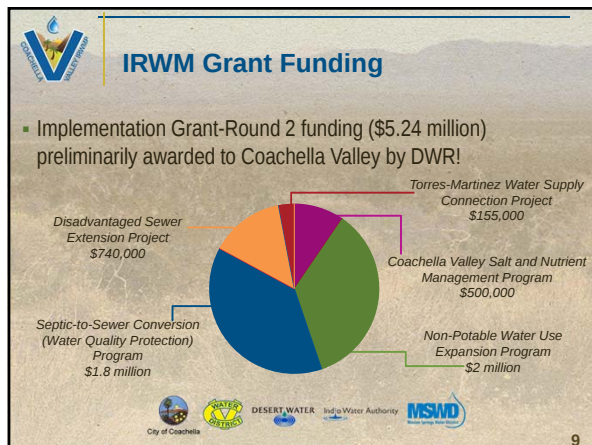
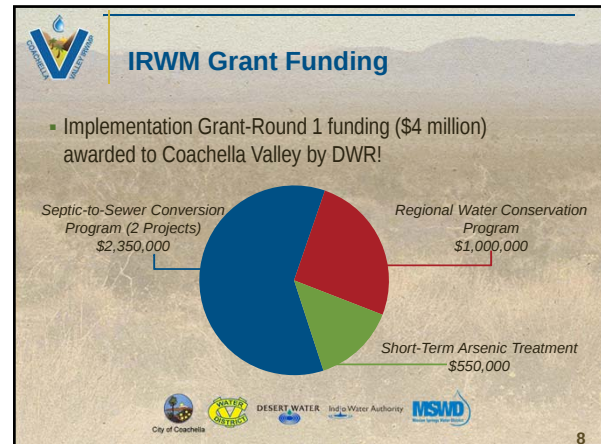
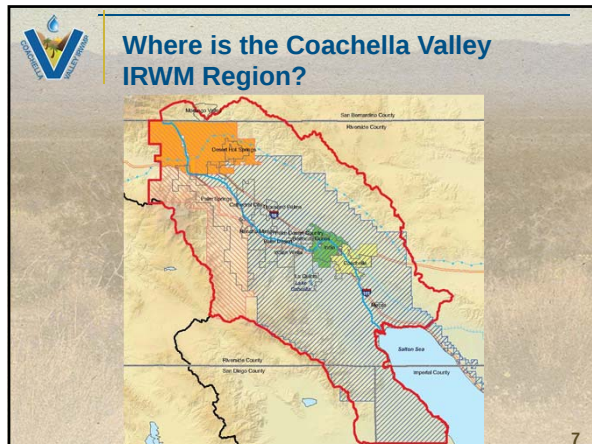
Logos: Department of Water Resources, State of California, California Water Boards, City of Coachella, Coachella Valley Water District, DESERT WATER, Indio Water Authority, MSWD

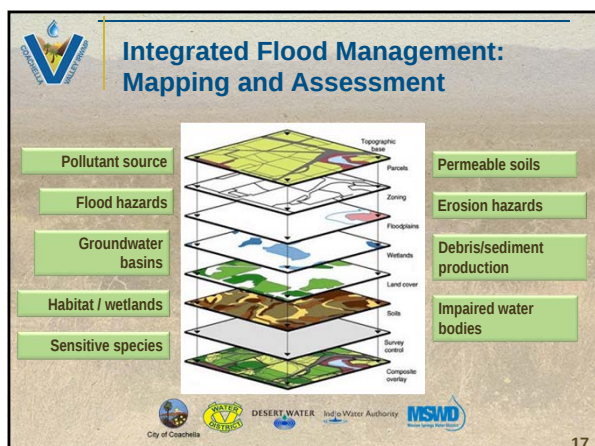
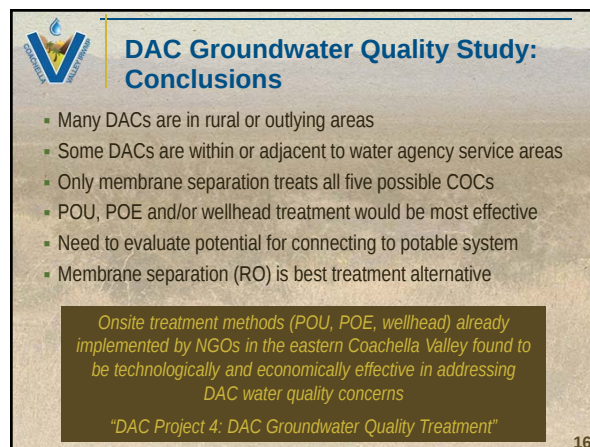
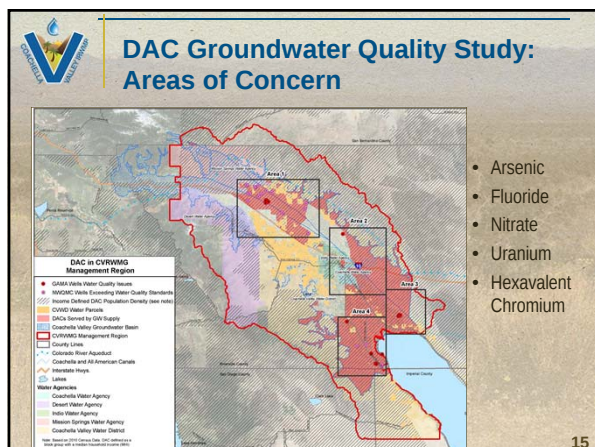
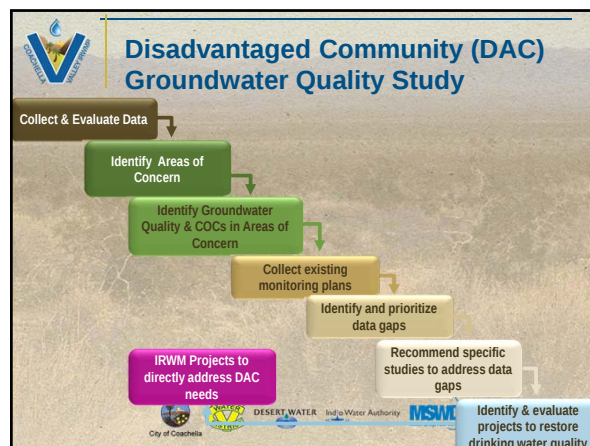
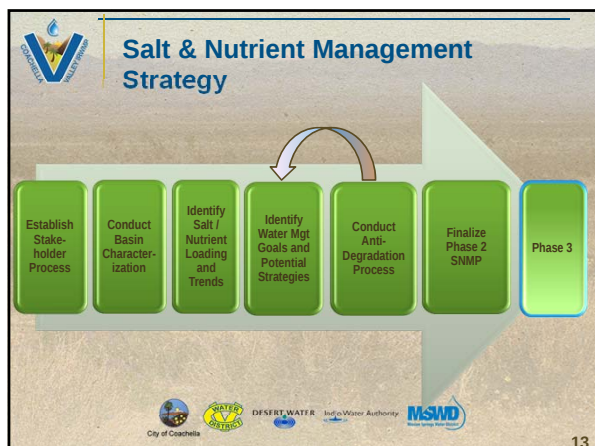


Who is Leading the Coachella Valley IRWM Program?

- Coachella Valley Regional Water Management Group (CVRWMG) was formed in September 2008 to establish and fund IRWM planning
 - Coachella Water Authority
 - Coachella Valley Water District
 - Desert Water Agency
 - Indio Water Authority
 - Mission Springs Water District

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Integrated Flood Management: Summary

1. Screen IFM strategies / techniques for desert application
2. Detailed "fact sheets" for IFM techniques
3. Correlate watershed opportunities / characteristics to IFM types
4. Define priorities for implementation of IFM based on flood exposure
5. Expand inventory of applicable IFM strategies



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Groundwater Monitoring Assessment

- Compiled existing programs and program evaluations
- Evaluated monitoring programs and existing recommendations in context of new work
- Identified additional improvements/recommendations for basin-wide groundwater elevation and quality monitoring




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Stakeholder Outreach

- Outreach conducted since 2009 to gather input from a diverse set of stakeholders
- 11 Planning Partners meetings
- IRWM Plan Update process expanded outreach to target specific groups:
 - Disadvantaged Communities
 - Tribal Nations
 - Salt and Nutrient Management
 - Integrated Flood Management




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2014 IRWM Plan Update

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



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IRWM Plan Update: Overview

IRWM Plan Framework




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IRWM Plan Update: Introduction

- Purpose:
 - Describes IRWM Program – History and Overview
- General changes:
 - Highlight IRWM Milestones



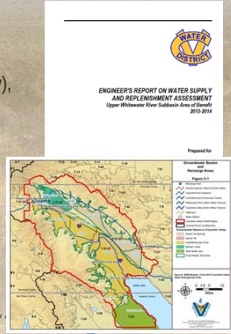
Timeline of IRWM milestones:

- 2006: CWRWG forms, Integration of Coachella Valley IRWM Program
- 2009: Region Acceptance Process Approved by DWR, Planning Partners Form
- 2010: 2010 IRWM Plan completed and adopted by CWRWG, Region's ability to submit IRWM Grants established
- 2011: Proposition 64 Round 1 Implementation Grant awarded (\$4M), DAC Outreach Program Grant awarded (\$200,000), Proposition 64 Planning Grant awarded (\$1M), Outreach and planning efforts for the 2014 IRWM Plan begins
- 2012: Proposition 64 Round 1 Implementation Grant submitted, Proposition 64 Round 2 Implementation Grant submitted
- 2013: Development of the 2014 IRWM Plan continues, Proposition 64 Round 2 Implementation Grant submitted
- 2014: 2014 IRWM Plan completed and adopted

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IRWM Plan Update: Region Description

- Purpose:
 - Describes IRWM Region – physical, hydrographic (systems, supplies, quality), demographic, conflicts, climate change
 - Provides context for IRWM activities
- General changes:
 - Update for consistency with current planning documents, permits, data, and information available since 2010

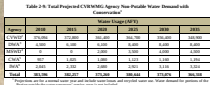


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IRWM Plan Update: Region Description

Key Changes:

- Improve distinction between East Valley and West Valley
- Refine discussion of groundwater basins: pumping, recharge, and overdraft
- Update discussion of non-potable water: sources, uses, and projected demand
- Improve discussion of natural communities, habitats, and Multi-Species Habitat Conservation Plan
- Update with new stormwater permit information



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IRWM Plan Update: Issues & Needs

- Purpose:
 - Defines issues and needs in the Region –basis for development of goals and objectives
- General Changes
 - Update with current planning documents, data, and information
 - Discuss how recession impacted water management projections –basis for many of the changes in demand, timeframes, and projections



DAC stakeholders provided updated information on DAC issues and needs during the June 2013 DAC Workshops



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IRWM Plan Update: Issues & Needs

- Key Changes:
 - Update and expand discussion of:
 - Water supplies
 - Stormwater capture
 - Water quality
 - Add discussion of alluvial and riverine flooding
- No substantial changes to summary of significant water management issues

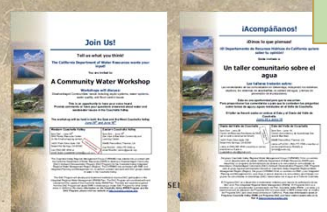


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IRWM Plan Update: Disadvantaged Communities

- Purpose:
 - Present results of DAC Outreach Program
 - Highlight the importance of DAC inclusion and involvement in IRWM planning

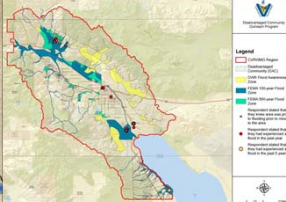
Activities conducted for DAC Outreach Program provided content for this chapter



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IRWM Plan Update: Disadvantaged Communities

- Key Content:
 - History of DAC Participation in Coachella Valley IRWM Program
 - DAC Outreach Program – purpose, actions taken
 - DAC Characterization and Mapping
 - Census, Tapestries, Surveys
 - Outcome: Refined Issues and Needs
 - DAC Project Development
 - Process Recommendations



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IRWM Plan Update: Tribal Water Resources

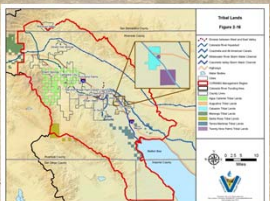
- Purpose:
 - Provides description of Tribes in the Coachella Valley
 - Improves information on Tribal water management issues and needs, water management efforts, and existing and projected water demands
 - Improves information on Tribal history and how this affects Tribal participation in IRWM planning

Direct, individual outreach to staff of each Tribe provided content for this chapter



IRWM Plan Update: Tribal Water Resources

- Key Content:
 - 5 of 7 area Tribes participating in IRWM – Agua Caliente, Augustine, Cabazon, Torres-Martinez, and Twenty-Nine Palms
 - Collaboration with Tribes is important to ensure water supply for all users
 - Describe each Tribal Nation Reservation – demographics, environmental programs, and water resources



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IRWM Plan Update: Tribal Water Resources

- Key Content (cont.):
 - Tribal water resource concerns – Water quantity, quality
 - Tribal water quality monitoring efforts – Tribal environmental staff collect and report data to U.S. EPA
 - Tribal participation in water resources planning – California Water Plan Update 2009, IRWM Plan, Coachella Valley WMP, Mission Creek-Garnet Hill WMP, Urban Water Management Plans



IRWM Plan Update: Objectives

- Purpose of IRWM Goals, Objectives, and Targets:
 - Backbone of the IRWM Plan
 - Define regional priorities for State funding
 - Provide a mechanism for measuring implementation success
- Initially developed by CVRWGM and Planning Partners during 2010 IRWM Plan
- Re-evaluated and re-prioritized by CVRWGM and Planning Partners in June 2013



IRWM Plan Update: Objectives

- Key Changes:
 - Revise descriptions of Objectives to reflect edits made to the Region Description and Issues & Needs
 - Update targets to accurately score projects based on information learned from project implementation
 - Includes information about objectives prioritization exercise and results




IRWM Plan Update: Stakeholder Involvement

- Purpose:**
 - Describes IRWM Program Governance Structure
 - Explains Stakeholder Involvement and Opportunities to Participate
 - Includes Details about Outreach Efforts
- General Changes:**
 - Updated with outreach efforts for 2014 IRWM Plan
 - Reorganized to condense information



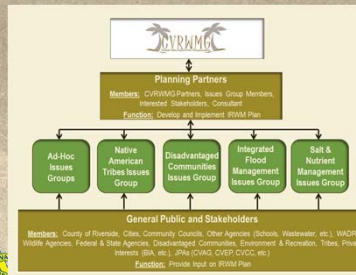
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IRWM Plan Update: Stakeholder Involvement

- Key Changes:**
 - Updated information about Issues Groups convened for 2014 IRWM Plan
 - Updated with information from DAC Outreach Program

Information Flow Structure



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IRWM Plan Update: Resource Management Strategies

- Purpose:**
 - Describe Resource Management Strategies (RMS)
 - Explain RMS Applicability to the Region
- General Changes:**
 - Updated examples of how RMS are being implemented in the Region



CVWD/2009

Installation of 54-inch Mid-Valley Pipeline for Delivering Recycled Water

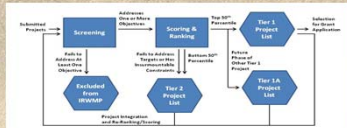
The Mid-Valley Pipeline will contribute to the Recycled Municipal Water RMS by providing non-potable water to additional users.

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IRWM Plan Update: Project Evaluation and Prioritization

- Purpose:**
 - Defines IRWM-eligible projects
 - Provides mechanism for project inclusion in grant applications
- General Changes:**
 - Highlight IRWM efforts in Valley that address priorities
 - Describe how the process provided in the Plan was used during the Prop 84-Round 2 Implementation Grant application



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IRWM Plan Update: Project Evaluation and Prioritization

- Key Changes:**
 - Add one criterion to project scoring process – maximizes stakeholder involvement and stewardship in water resources management
 - Add "interview" step to project selection for grant application inclusion to improve understanding of projects prior to selection
 - Revise Appendix B (project list), update with new projects submitted for the Round 2 process



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IRWM Plan Update: Agency Coordination

- Purpose:**
 - Provide information about agency coordination, including land use agencies
- General Changes:**
 - Update information based on outreach for 2014 IRWM Plan
 - Update based on new planning efforts occurring in Region

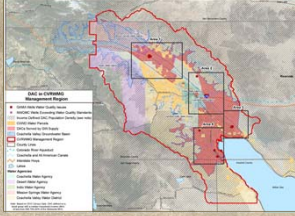


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IRWM Plan Update: Agency Coordination

- Key Changes:
 - High-level summary of technical evaluations
 - Technical Evaluations will be appended to IRWM Plan when complete



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IRWM Plan Update: Framework for Implementation

- Purpose:
 - Explain potential impacts and benefits of implementation
 - Provide information on potential funding opportunities beyond IRWM
- General Changes:
 - Re-format benefit and impact information with specific project information
 - Include new list of grant and loan opportunities

Conservation Outreach and Education (Water Management Coordination)

Regional Water Conservation Program

The Regional Water Conservation Program is a collaborative project by the five member agencies of the CVRWMG. This project was funded through Proposition 53 Bonded 1 Implementation Grant and federal funding provided from individual agency water conservation efforts to improve water conservation network in the Region as a whole. The program implemented this strategy to improve water conservation in the Region: outreach, water audits, WaterSense program, leak detection program, water recycling, and incentives for water irrigation controls, roof replacement, xeriscaping, and efficiency upgrades and retrofits.

Through this program, agencies have flexibility to tailor their efforts to the needs of their customers, while achieving a common goal of water conservation, increasing collaboration with each other, and creating opportunities that arise from increased communication and collaboration between agencies.



Screen shot from the CVRWMG's regional water conservation program website: <http://www.cvrwm.com>

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Discussion:

Questions or Comments on the 2014 IRWM Plan Update?

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Next Steps

- Public Review Period: November 4 – December 31, 2013
- Final Appendices Available: December 1, 2013
- Submit Comments:
 - Electronically: cviwrm@rmcwater.com
 - Hard Copy:
 - Rosalyn Prickett
 - 10509 Vista Sorrento Parkway
 - San Diego, CA 92121

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Coachella Valley Integrated Regional Water Management

Coachella Valley Regional Water Management Group

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