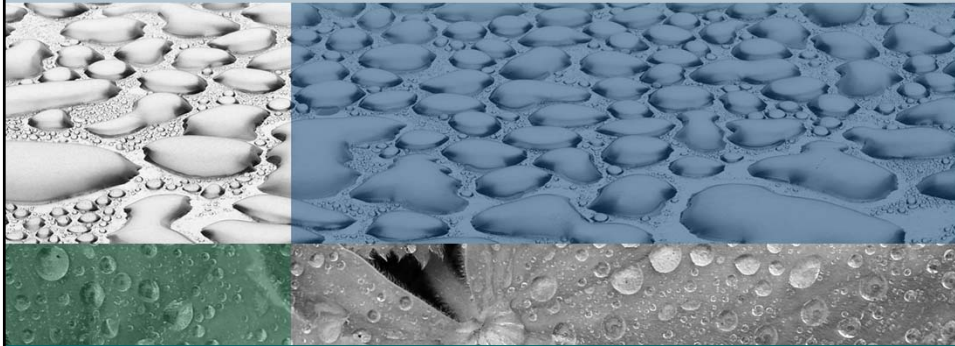


Watershed Workshop #2 Pueblo/Sweetwater/Otay/Tijuana



July 12, 2013

Purpose of Workshop

1. Present and discuss contents of the draft 2013 San Diego IRWM Plan
2. Review draft watershed characterizations for Pueblo, Sweetwater, Otay, and Tijuana
3. Discuss disadvantaged community issues within the watersheds



Agenda

- Welcome and Introductions
- 2013 San Diego IRWM Plan
- Watershed Characterizations
- Disadvantaged Community Issues
- Summary and Thanks



2013 San Diego IRWM Plan

What is Integrated Regional Water Management Planning?



The Catalyst for IRWM: Funding

IRWM is the State's "preferred method of funding" local water management

- Key initiative in 2005 & 2009 *California Water Plan*
- Proposition 50, approved in 2002, provided \$365 million to fund IRWM projects
- Proposition 84, approved in 2006, provided \$1 billion for IRWM planning and projects
- Proposition 1E, approved in 2006, provided \$300 million for stormwater and flood control IRWM projects



San Diego IRWM Region

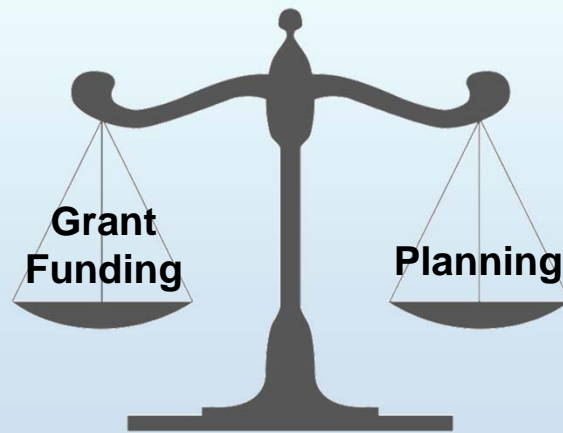
- All or part of the 11 hydrologic units within San Diego County that discharge to coastal waters
- Regional Water Management Group –
 - San Diego County Water Authority
 - City of San Diego
 - County of San Diego



Interdisciplinary Effort



Key Functions of IRWM Program

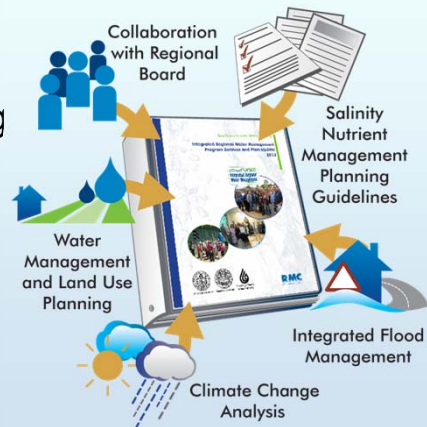


Benefits of IRWM

- Coordinates and integrates water management activities within a region
- Emphasizes local priority setting and control
 - Establishes regional goals and targets
 - Identifies and helps to fund projects to achieve goals
- Fosters cooperation among agencies and non-governmental organizations

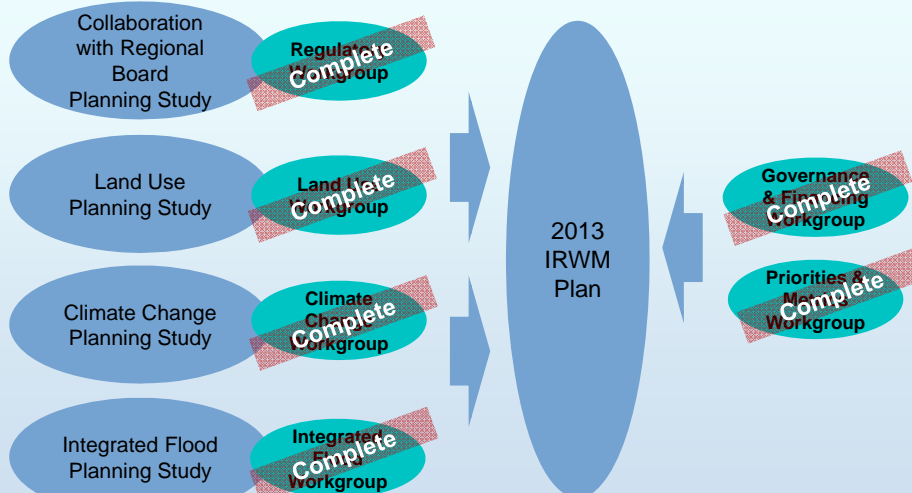
2013 IRWM Plan

- Update and improve 2007 IRWM Plan with existing reports, planning studies, and stakeholder input
- Meet new DWR IRWM Plan requirements
- Amend existing plan to characterize resources on a **watershed-scale**



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Workgroups for 2013 IRWM Plan



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Public Workshops for 2013 IRWM Plan



Workshop 1:
Region Description & RMS



Workshop 2:
Vision, Objectives, & Targets



Workshop 3:
Governance & Coordination



Workshop 4:
Project Selection & Implementation



Workshop 5:
Draft 2013 IRWM Plan

Public Workshops/Outreach

	2012												2013									
	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J				
Summit	★	February 29																				
RAC/Pub 1							★	August 1														
Tribal							★	★	August 13,20								★	★	May 1,7			
DAC								★	★	Sept 18,20												
Watersheds								★	★	★	Sept 21,25,27					July 11,12,17,19				★	★	★
RAC/Pub 2								★	★		October 3											
RAC/Pub 3												★	December 5									
RAC/Pub 4														April 3		★						
RAC/Pub 5																June 5		★				
RAC Approval																		Aug 7★				

2013 IRWM Plan

- Why?**
 - Chapter 1: Introduction
 - Chapter 2: Vision and Objectives
- Where?**
 - Chapter 3: Region Description
 - Chapter 4: Tribal Nations of San Diego – *NEW*
 - Chapter 5: Watershed Characterizations – *NEW*
- Who?**
 - Chapter 6: Governance & Stakeholder Involvement
 - Chapter 7: Regional Coordination
- What?**
 - Chapter 8: Resource Management Strategies
 - Chapter 9: Project Evaluation and Prioritization
 - Chapter 10: Data & Technical Analysis
 - Chapter 11: Implementation

2013 IRWM Plan Chapter 1: Introduction

- Plan purpose and organization
- RWMG and IRWM Program structure
- Consistency with IRWM Plan Guidelines (DWR requirements)
- Overview of challenges and conflicts in water management



WHY ARE WE?

- Chapter 1. Introduction
- Chapter 2. Vision and Objectives



WHERE ARE WE?

- Chapter 3. Region Description
- Chapter 4. Tribal Nations of San Diego
- Chapter 5. Watershed Characterizations



WHO ARE WE?

- Chapter 6. Stakeholder Involvement
- Chapter 7. Regional Coordination



WHAT DO WE DO?

- Chapter 8. Resource Management Strategies
- Chapter 9. Project Evaluation and Prioritization
- Chapter 10. Data and Technical Analysis
- Chapter 11. Implementation

2013 IRWM Plan

Chapter 2: Vision and Objectives

- Vision:
 - *An integrated, balanced, and consensus-based approach to ensuring the long-term sustainability of the Region's water supply, water quality, and natural resources.*
- IRWM Goals:
 1. Improve the reliability and sustainability of regional water supplies.
 2. Protect and enhance water quality.
 3. Protect and enhance our watersheds and natural resources.
 4. Promote and support sustainable integrated water resource management.



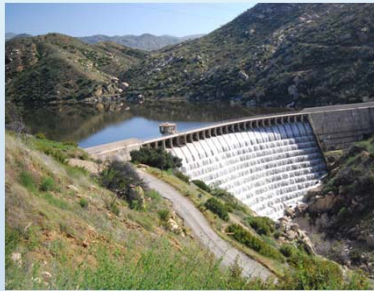
2013 IRWM Plan

Chapter 2: Vision and Objectives

2013 San Diego IRWM Plan Objectives	
A. Encourage integrated solutions to water management	G. Enhance natural hydrologic processes
B. Maximize stakeholder involvement and stewardship	H. Reduce sources of pollutants and stressors
C. Obtain water resources data and information	I. Protect and restore habitats and open space
D. Further the scientific foundation of water management	J. Optimize water-based recreation
E. Develop a diverse mix of water resources	K. Address climate change
F. Construct a reliable infrastructure system	

2013 IRWM Plan Chapter 3: Region Description

- Summary of Regional water resources, with tables generally organized by watershed
- New sections: Stormwater Management, Flood Management, Climate Change



2013 IRWM Plan Chapter 4: Tribal Nations

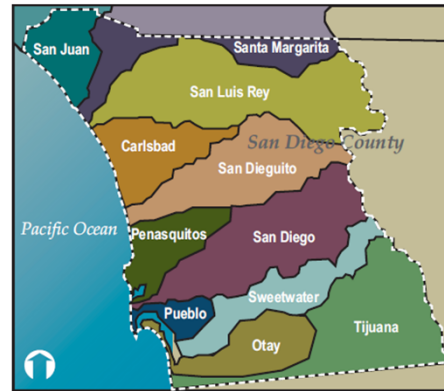
- Vetted extensively by tribal representatives
- Description of tribal reservations and groups
- Overview of water management issues on tribal lands



San Diego County features the largest number of Tribes and Reservations of any county in the United States.

2013 IRWM Plan Chapter 5: Watersheds

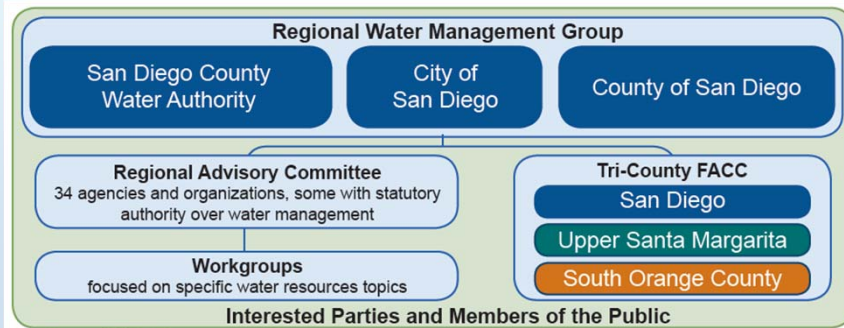
- Each watershed contains:
 1. Hydrology
 2. Water Systems
 3. Internal Boundaries and Land Uses
 4. Water Quality
 5. Stormwater and Flood Management
 6. Natural Resources
 7. Potential Climate Change Impacts
 8. Management Issues and Conflicts



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2013 IRWM Plan Chapter 6: Governance & Stakeholders

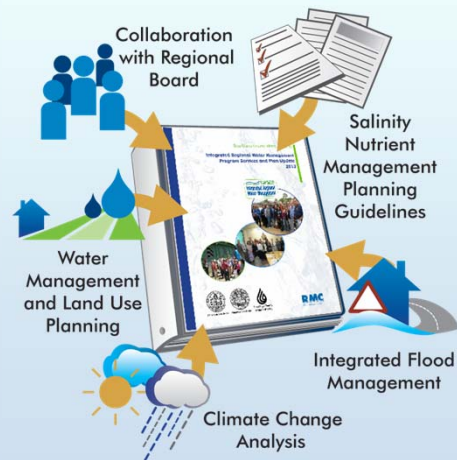
- No changes to overall governance structure
- Formalization of RAC policies (RAC Charter)



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2013 IRWM Plan Chapter 7: Regional Coordination

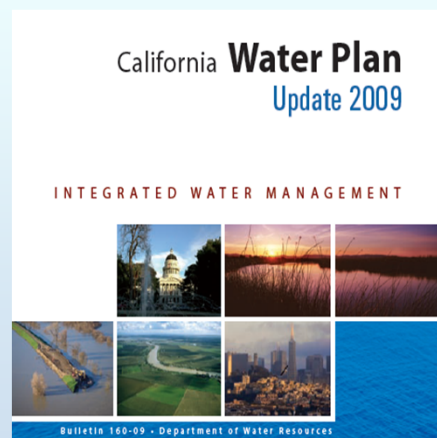
- High-level summary of planning studies conducted for the 2013 IRWM Plan
- Studies are appended to IRWM Plan



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2013 IRWM Plan Chapter 8: Resource Management

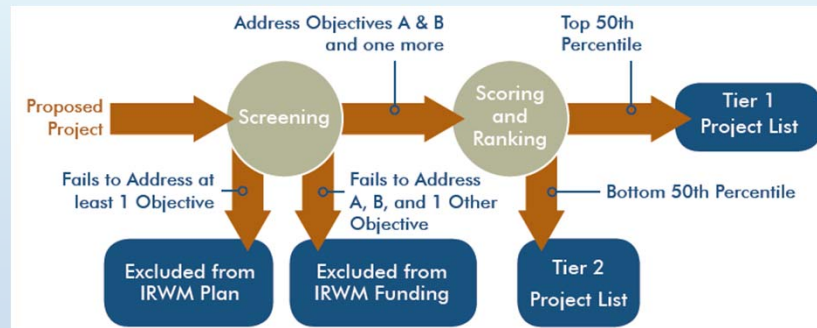
- Updated based on the Resource Management Strategies (RMS) in *2009 California Water Plan Update*
- Region identified 3 additional RMS
- Examples of how RMS are being implemented in the Region



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2013 IRWM Plan Chapter 9: Project Evaluation

- Outlines general process for selecting projects for future rounds of grant funding
- Updates to project scoring made to better sort projects based on their value to Region and principles of IRWM



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2013 IRWM Plan Chapter 10: Data & Technical Analysis

- Summarizes technical resources for planning
- Acknowledges future Data Management System (DMS) under development by County
- Includes new “WaterGIS” database on www.sdirwmp.org website in meantime



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2013 IRWM Plan

Chapter 11: Implementation

- Series of “action items” based on planning study recommendations
- Information about updating and revising the Plan, including production of Report Card
- Table of potential financing options for the IRWM Program and for IRWM projects, but no commitments

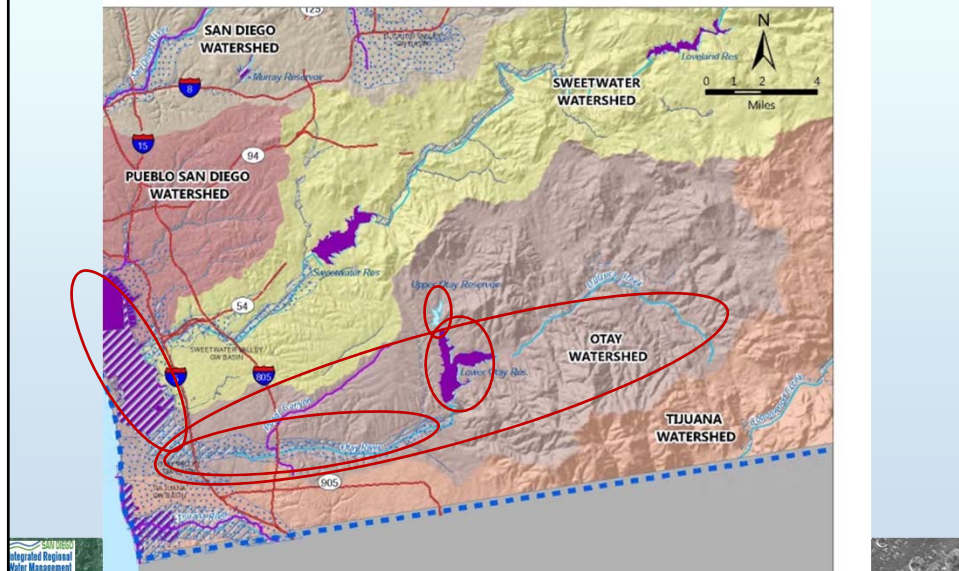
Discussion:
Questions or comments on the
2013 IRWM Plan?

Watershed Characterizations

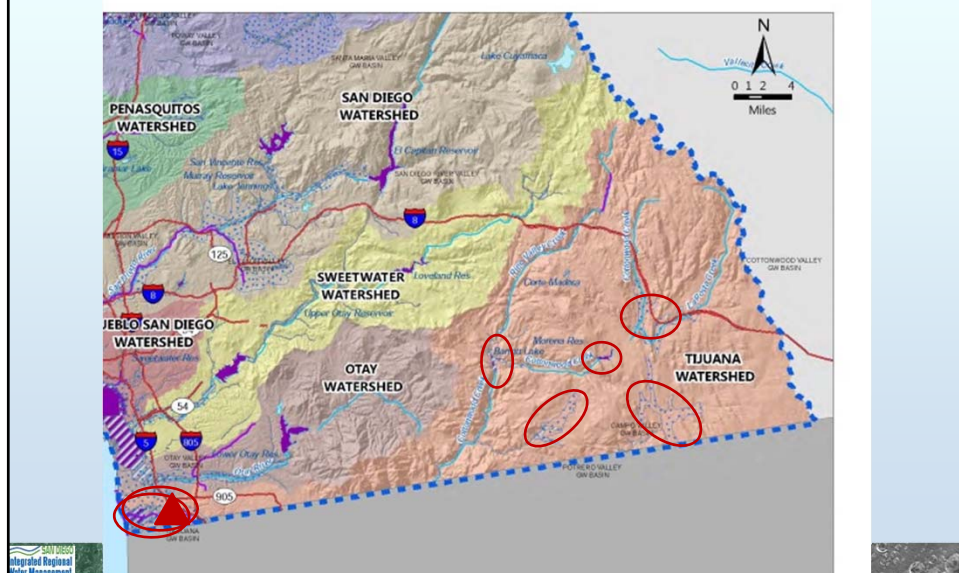
Watershed Workshops



Otay Watershed



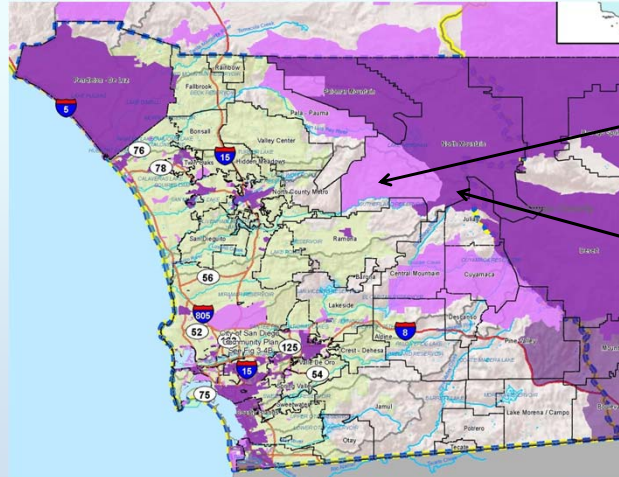
Tijuana Watershed



Discussion:
*Questions or comments on the
watershed characterizations?*

Disadvantaged Community Issues

Disadvantaged Communities



2010 Census
@ tract level

2013 Projections
@ block level

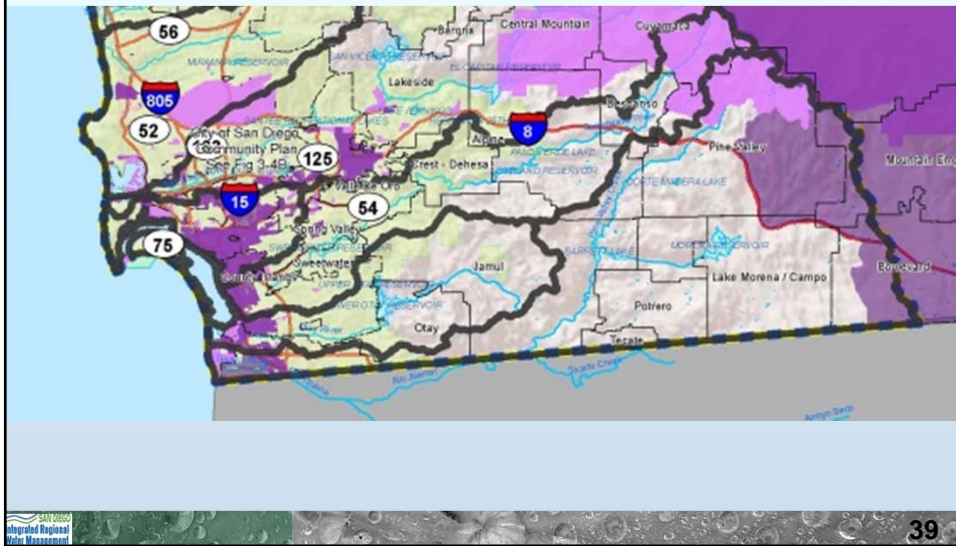
DACs are geographic areas with a combined Median Household Income (MHI) of less than 80% of the Statewide MHI (\$48,706 in 2010)

Disadvantaged Community Issues

- Urban DACs
 - Poor surface water quality, including San Diego Bay
 - Flooding due to creek constrictions
 - Public perception – education and outreach
- Rural DACs
 - Unreliable water supply
 - Contamination of drinking water supply
 - Deteriorating infrastructure – water and septic
 - TMF capacity



Disadvantaged Community Issues



Discussion:

Water management issues specific to disadvantaged communities in these watersheds?

Summary and Thanks

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Final IRWM Plan Schedule

Task	May	June	July	August	Sept	Oct
Release Public Review Draft		★ June 20				
Public Comment Period				June 20 – July 31		
Watershed Workshops		★ ★ ★ ★ ★				
RAC to Consider Approval				★ August 7		
Incorporate Comments/ Prepare Final Plan					Aug 7 – Sep 6	
Release Final Plan					★ Sep 6	
RWMG Governing Bodies to Adopt 2013 IRWM Plan				Sep 9 – Oct 31		

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Comments on 2013 IRWM Plan

- Email:
 - Rosalyn Prickett: sdirwmp@rmcwater.com
- Web Forum:
 - <http://sdirwmp.org/forum/index.php>
- Hard Copy:
 - Mark Stadler
IRWM Program Manager
4677 Overland Ave
San Diego, CA 92123

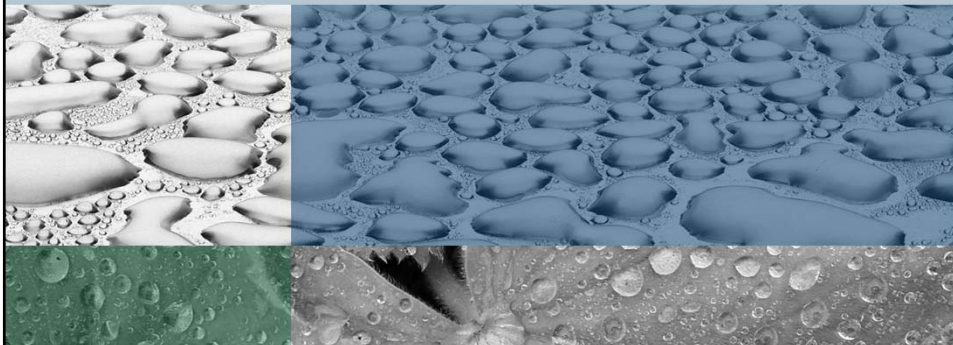
Reminder: All comments are due by July 31st!



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Watershed Workshop #2 Pueblo/Sweetwater/Otay/Tijuana



July 12, 2013