

California Water Plan Update 2013



MCWRA & ACWA Region 3 Meeting

March 9, 2012

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Chief, Water Supply Evaluations Section

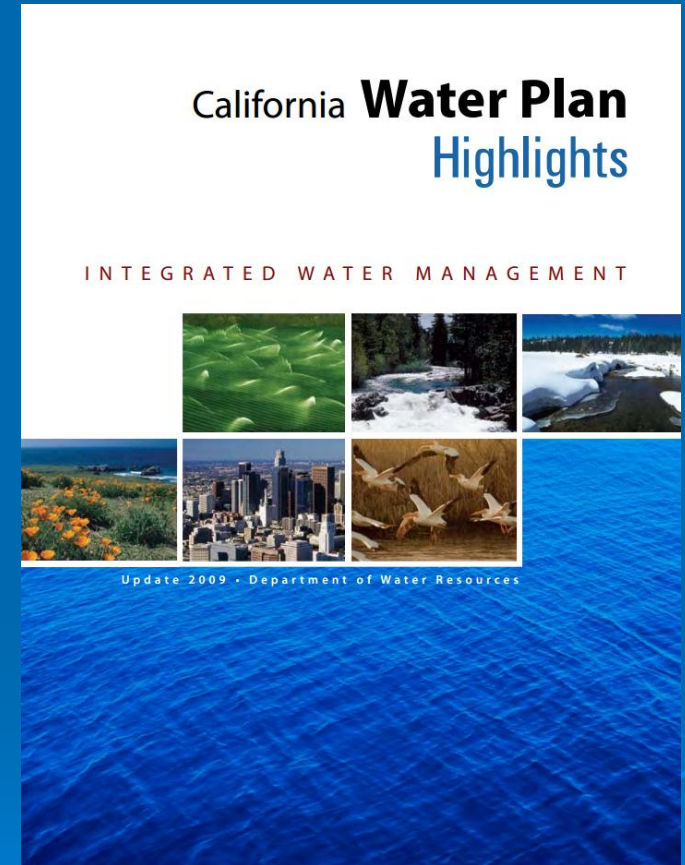
Division of Integrated Regional Water Management

Overview

- California Water Plan History
- California Water Plan Update 2013
- New Regional Outreach

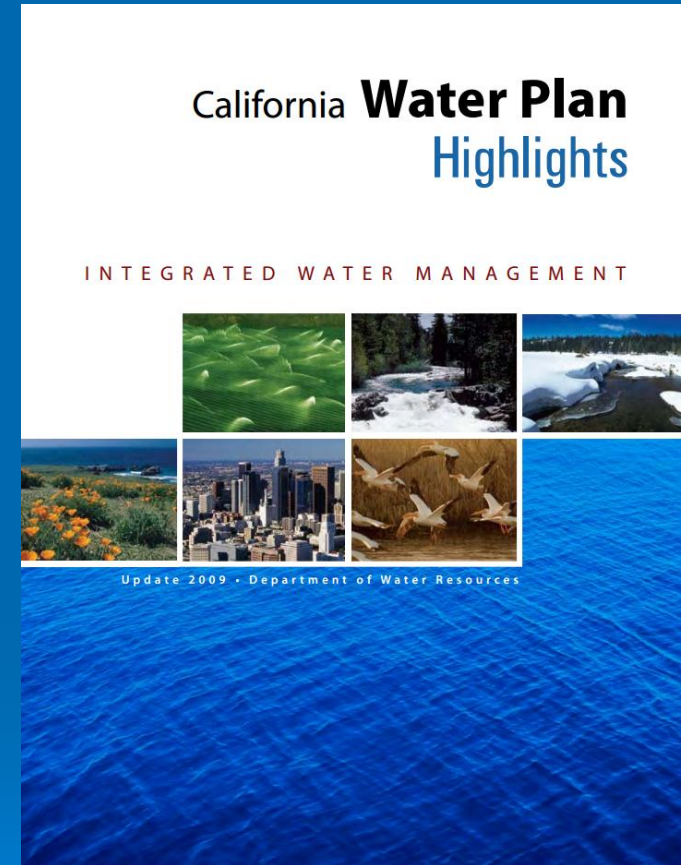
The California Water Plan

- First published in 1957 as Bulletin 3
- Updated 9 times (Bulletin 160); last one in 2009
- DWR required by law (Water Code) to update the Water Plan every 5 years; next one in 2013
- Growing interest by Legislature and stakeholders
- Part of Governor's Strategic Growth Initiative



CWP Water Plan Update 2009

- Highlights
- Volume 1: Strategic Plan
- Volume 2: Resource Management Strategies
- Volume 3: Regional Reports
- Volume 4: Reference Guide
- Volume 5: Technical Guide



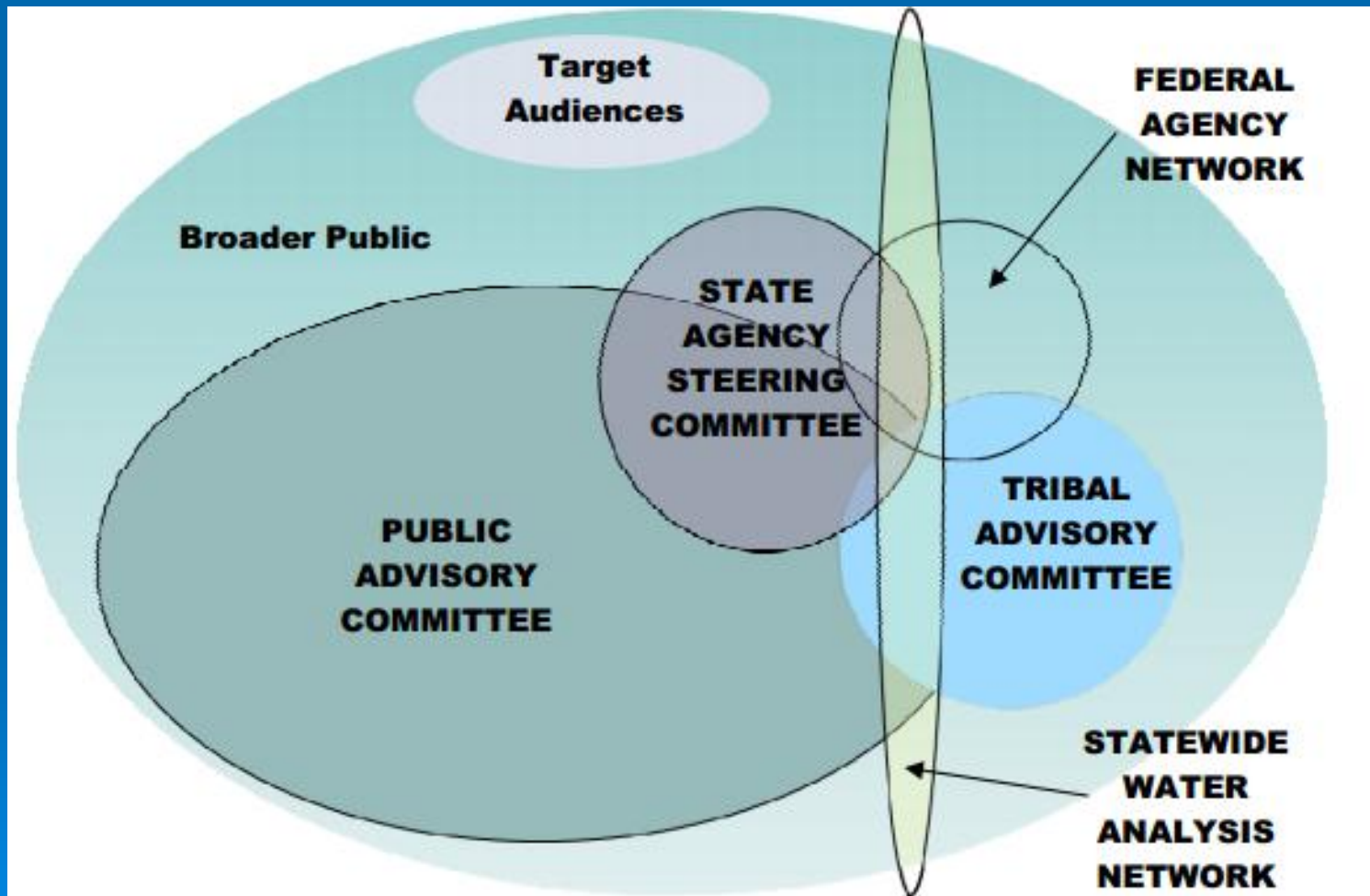
CWP Update 2013

Water Plan Framework for Integrated Water Management and Sustainability



Investing in Innovation and Infrastructure

Collaborative Process



Update 2013 New Components

- Progress Report
- 3 Additional Resource Management Strategies
- Groundwater Content Enhancement
- Advancement of Integrated Flood Management
- Finance Plan
- Enhanced Regional Reports

Progress Report

- Update 2009 Implementation Plan included 13 Objectives and 115+ Related Actions
- Monitor and report on implementation and effectiveness of objectives and related actions
 - Qualitative assessments
 - Inventory of performance measurement
 - Recommendations
- Inform adaptive management of current and future water and flood planning and implementation



CWP 2009 RMSs

Reduce Water Demand

- Agricultural Water Use Efficiency
- Urban Water Use Efficiency

Improve Operational Efficiency & Transfers

- Conveyance – Delta
- Conveyance – Regional/Local
- System Reoperation
- Water Transfers

Increase Water Supply

- Conjunctive Management & Groundwater Storage
- Desalination – Brackish & Seawater
- Precipitation Enhancement
- Recycled Municipal Water
- Surface Storage – CALFED
- Surface Storage – Regional/Local

Improve Flood Management

- Flood Risk Management

Improve Water Quality

- Drinking Water Treatment and Distribution
- Groundwater/Aquifer Remediation
- Matching Quality to Use
- Pollution Prevention
- Salt & Salinity Management
- Urban Runoff Management
- Sediment Management

Practice Resource Stewardship

- Agricultural Lands Stewardship
- Economic Incentives
- Ecosystem Restoration
- Forest Management
- Land Use Planning & Management
- Recharge Areas Protection
- Water-Dependent Recreation
- Watershed Management
- Outreach & Education
- Management of Cultural Water Resources & Practices

Groundwater Content Enhancement

1. Compile, organize, integrate report on Ca's groundwater conditions
2. Summary narratives on groundwater conditions, institutional frameworks, and management activities at the statewide and Regional Report level
3. Identify data gaps and provide recommendations
4. Quantify and report groundwater storage changes
5. Document case studies
6. Identify and inventory opportunities for conjunctive management
7. Identify and inventory opportunities for groundwater banking and integrated flood management opportunities
8. Develop preliminary sustainability indicators



Integrated Flood Management

- Identify and expand IFM based on statewide and regional needs, opportunities and challenges
- Builds on Flood Management Objectives and RMS in Update 2009
- Closely coordinated with Statewide Flood Management Planning Program's Flood Future Report

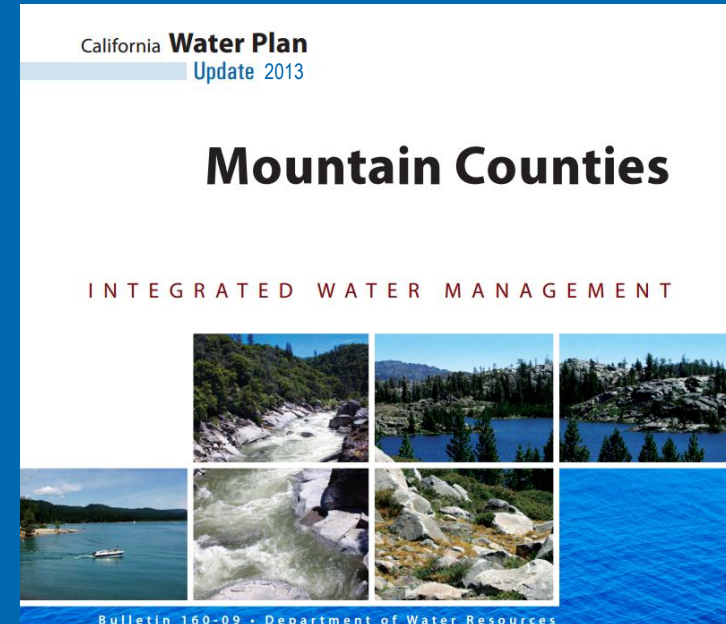


Finance Plan

- Investing in water management innovation and infrastructure in support of IWM and sustainability
- Recommendations on:
 - Funding priorities
 - Existing and new financial strategies and revenue sources
 - Governance
 - Accountability
 - Contingency measures
- Compiled IWM projects incorporated in Regional Reports

Enhanced Regional Reports

- Regional Report Storyboard
 - Current State of the Region
 - Local and Regional Water Resource Management Objectives
 - Inter-regional Relationships
 - Resource Management Strategies
 - Implementation Recommendations
- *Update 2013 Volume 2*
- 2-page Regional Report summary in Highlights

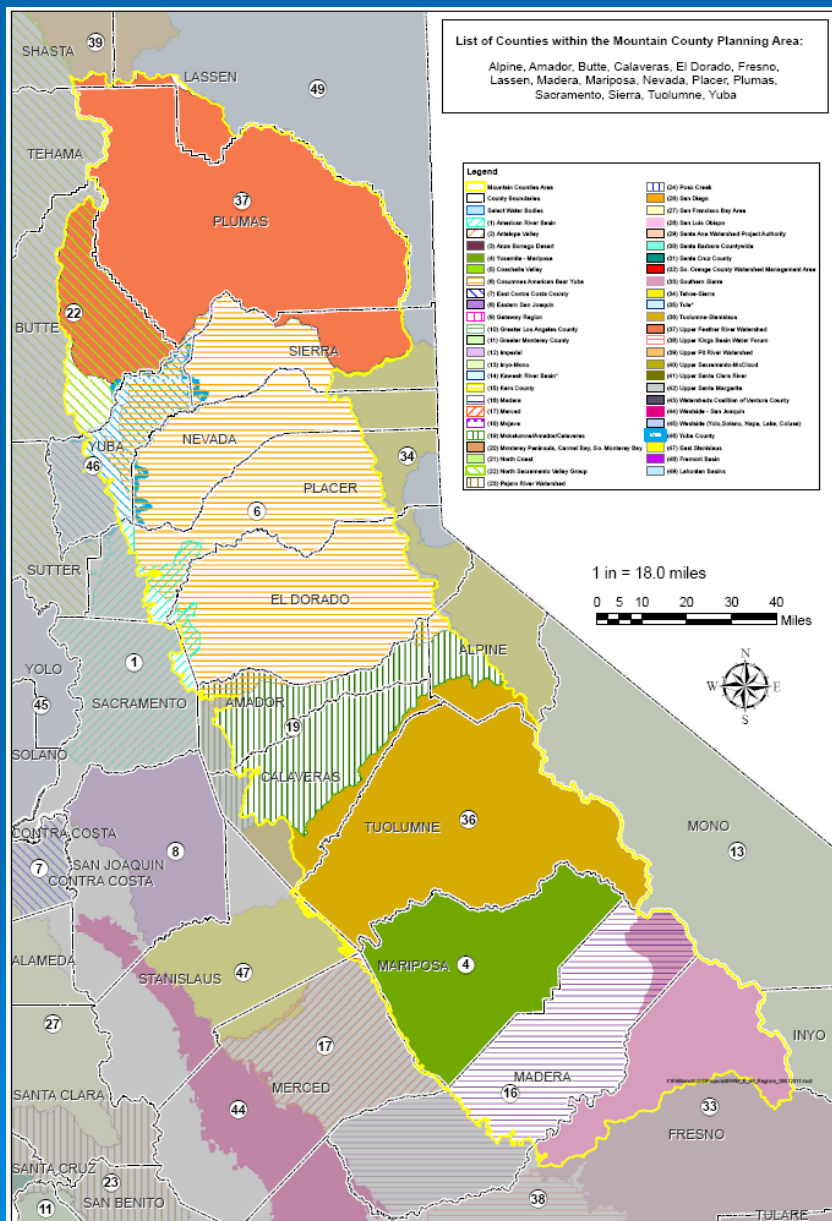


Mountain Counties Regional Report Core Team

➤ Members of the CWP Update 2013 Public Advisory Committee

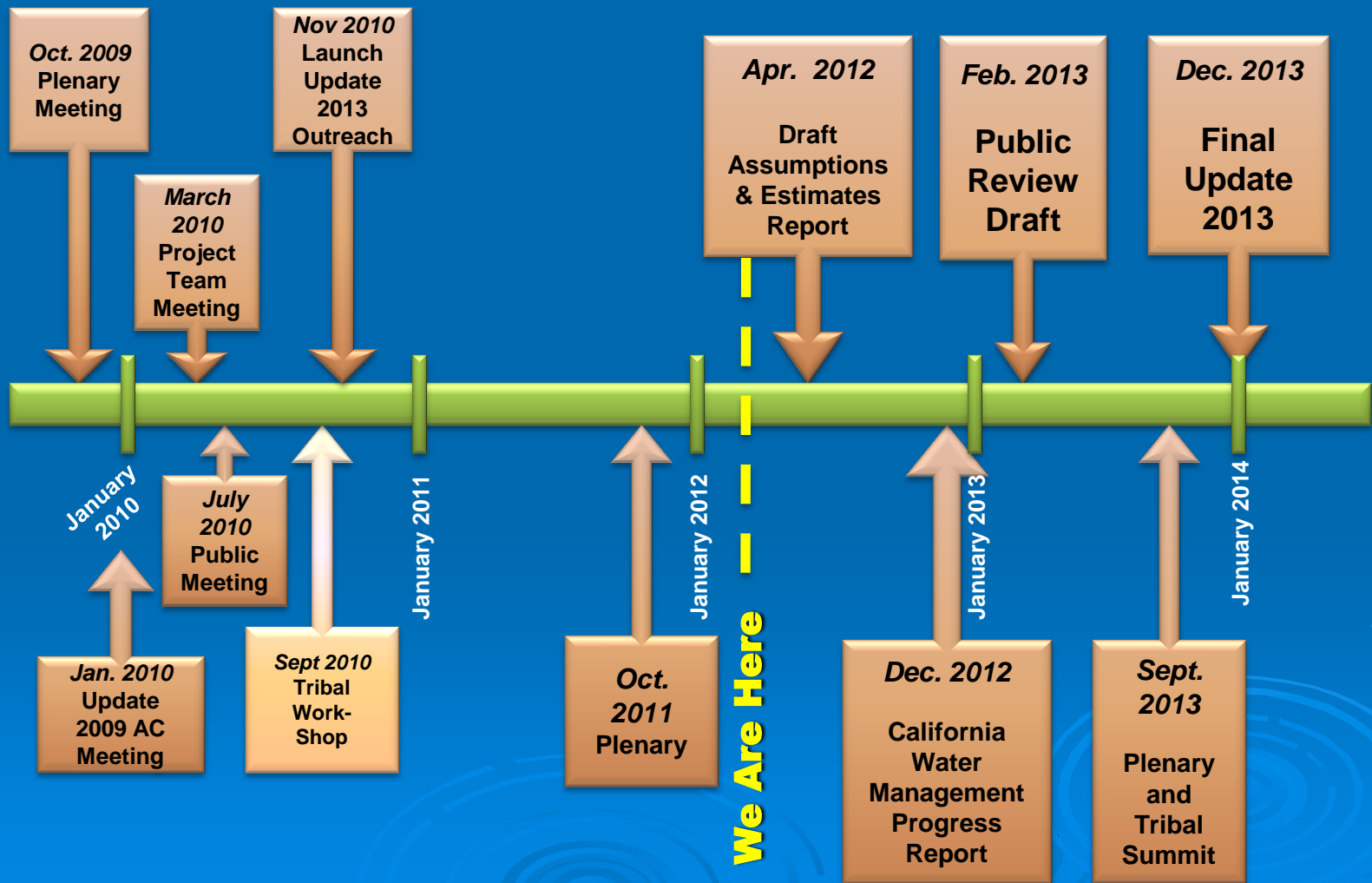
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Mountain Counties Overlay Area



- Update 2013 will have the same footprint as 2009
- Overlay Area Expansion proposal will be recommended in *Update 2013* and pursued for *Update 2018*
- Broader planning efforts

Update 2013 Schedule



Ways to Access Water Plan Information

- Visit the Water Plan Web Portal

www.waterplan.water.ca.gov

- Subscribe to Water Plan eNews
a weekly electronic newsletter

www.waterplan.water.ca.gov/enews



- Lew Moeller, Update 2013 Project Manager
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- Paul Massera, Update 2013 Program Manager
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New Regional Outreach

Regional Forums

DWR is committed to supporting local integrated water management and planning activities by:

- Increasing regional influence on State water policy and investment decision-support
- Planning with more regard for regional diversity unique attribute *(one size does not fit all when it comes to State water policies)*
- Providing greater efficiencies for outreach

What We Heard: Current Realities



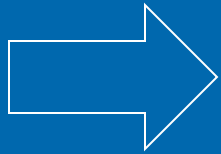
There is a growing need for programs and projects to reach out to regional stakeholders

Multiple demands make it harder to schedule meetings

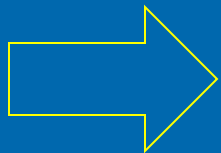


Time constraints for stakeholders and staff require greater efficiencies in outreach

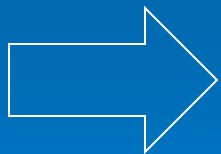
Regional Forums: Objectives



Provide a venue for regional dialog related to integrated water management and planning



Engage local stakeholders in telling the water stories of the respective regions



Better integrate and coordinate multiple planning efforts and programs at local and regional levels

Regional Forums: Key Elements

Regional Forums for each hydrologic region and 2 overlay areas

Each Forum will likely meet several times each year with 3-6 hour webinars and satellite locations



Stakeholder “Design Teams” assist with content and outreach for the respective regional meetings

Work groups for specific assignments including CWP Regional Reports and Resource Management Strategies



Design Team

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1st Mountain Counties Regional Forum

- Design Team members have met twice
- Upcoming Mountain Counties Regional Forum:
 - April 2nd 2012, 10 AM – 3:30 PM in El Dorado Hills
 - Satellite locations: Sonora and Oakhurst
- Agenda will focus on:
 - IRWM Updates
 - Mountain Counties Regional Report Content
 - CWP 2013 Enhancements

DWR Regional Forum and Coordination Resources

- Visit the Regional Forum Web Portal:
<http://www.waterplan.water.ca.gov/regional/index.cfm>
- Gary Lippner, NCRO Regional Coordinator
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QUESTIONS?

