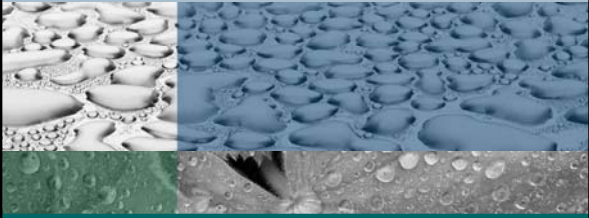




San Diego IRWMP
Regional Advisory Committee Meeting #37



May 30, 2012

Agenda

- Welcome and Introductions
- DWR Update
- Prop 50 Workgroup Update
- Grant Administration
- San Diego IRWM Plan Update
 - Workgroup Reports
 - Watershed Workshop Approach
- San Diego Region Updates
- Next RAC Meeting
- Public Comments

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San Diego Regional Water Board

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San Diego Regional Water Board

Helix Project

- Helix was forced to relinquish IRWM funding for its El Monte Valley Groundwater Recharge and River Restoration Project (Project 14)
- IRWM funding: \$2,582,119.08; total project cost: \$62.5 million
- Project goals
 - Reduce dependence on imported water
 - Ecosystem restoration

San Diego Regional Water Board

RAC's Grant Redistribution Criteria

- RAC reconvened original Prop 50 Project Selection Workgroup to recommend how funds should be redistributed
- RAC also approved criteria to guide workgroup
 - All projects in Prop 50 grant package eligible to apply for funding, as long as they are not completed
 - No limit on amount of funds a project may apply for, up to maximum
 - Priority given to projects in same category as Helix project (Local Supply Protection & Development)
 - No additional local match required

Further Redistribution Criteria

- DWR's guidance on grant redistribution
 - Only projects within Prop 50 grant are eligible
 - Funding cannot go to completed project
 - Project must help to achieve same goal or goals as original project
 - Cannot reimburse for dollars already spent
- To meet RAC and DWR criteria, projects must provide "value added" for additional funding

Workgroup recommendation

- Workgroup unanimously agreed to redistribute funding as follows:

Project #	Project name	Project sponsor	Recommended grant allocation
6	Recycled Water Distribution System Expansion, Parklands Retrofit & Indirect Potable Reuse/ Reservoir Augmentation	City of San Diego	\$1,477,119.08
8	El Capitan Reservoir Watershed Acquisition & Restoration	San Diego River Park Foundation	\$855,000
9	Northern San Diego County Invasive Non-Native Species Control	Mission Resource Control District	\$250,000
			Total: \$2,582,119.08

Projects selected for funding

- Project 6: 2 components
 - North City Recycled Water Distribution Expansion
 - Installs 2,500 feet of new pipeline, making possible reuse of 1,000 AF/year
 - Water Purification Demonstration Plant Extended Operation
 - Extends operation of advanced water treatment demonstration plant to test online monitoring and advanced treatment barriers
 - Outcomes will set framework for up to 90,000 AF/year of new local water supply through potable reuse

Projects selected for funding (continued)

- Project 8
 - Acquires, preserves and restores 152 acres of upland habitat as critical source water protection buffer of El Capitan Reservoir
- Project 9
 - Restores habitat through control of invasive non-native plant species in multiple North County hydrologic units

A strong funding redistribution package

- Workgroup believes this is a strong package to submit to DWR for funding redistribution
 - Makes possible water reuse that will reduce regional dependence on imported supplies
 - Restores and preserves significant habitat, including land that will provide source water protection
 - Supports R&D that sets framework for up to 90,000 AF/year of new, local water

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Prop 50 Grant Administration

Contract Status:

- New Amendments:
 - Major amendments:
 - Project 1 – Integrated Landscape & Ag Efficiency (CWA)
 - Project 2 – Irrigation Hardware Giveaway & Cash for Plants (City of San Diego)
 - Project 4 – Padre Dam Reclamation Facility Expansion (Padre Dam)
 - Project 14 – (Groundwater Recharge project) funding

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Prop 50 Grant Administration ...cont.

Contract Status

- Minor amendments:
 - Project 3 – Campus Landscape Renovation, Conservation and Pollutant Load Reduction (City of Encinitas)
 - Project 17 – San Dieguito Watershed Management Plan (San Dieguito River Valley Conservancy)

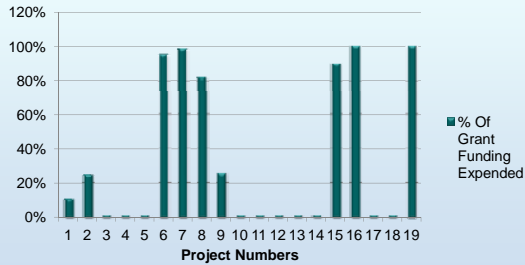
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Prop 50 Budget Status

• Prop 50 Grant Award	\$25,000,000
• Year to Date Project Costs billed	8,184,494
• Less Retention To Date	(818,449)
• Net Reimbursement Request To Date	7,366,046
• Remaining Budget	\$16,800,218
• Net Reimbursement Request To Date	7,366,046
• Amount Reimbursed To Date	6,912,971
• Reimbursements in Process	746,378

Note: Data as of 05/01/2012

Prop 50 Project Grant Expenditure Status



Prop 84 Plan /Implementation, Round 1 Grants

- Prop 84 Plan Update Budget Status
- Prop 84 Implementation Grant Contract Status

Proposition 84 Planning Grant Administration

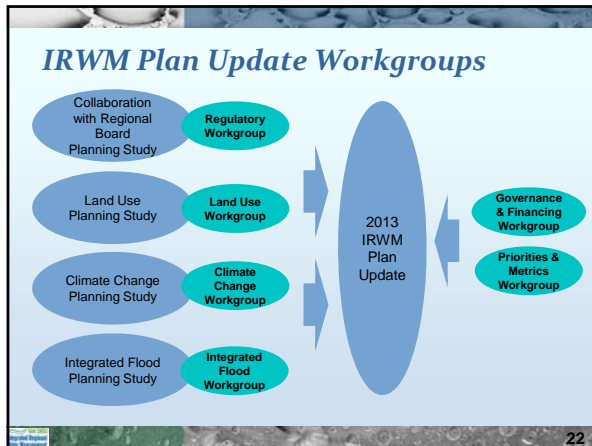
- First Plan Update Invoice and Report Submitted in April 2012
- Invoice with Reimbursable Costs in process
 - Grant Budget Remaining \$1,000,000
 - 16% of total project costs spent and reported to date

Proposition 84 Implementation, Round 1 Grant Administration

- CWA is reviewing draft Prop 84 Implementation Grant Contract
- New contract details and requirements related to:
 - Auditing
 - Amendment
 - Budget details
 - Labor compliance
 - Post performance reporting

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Workgroup Overview

Governance & Financing Workgroup

- Examine expansion of funding sources for the San Diego IRWM program
- Establish membership guidelines for RAC, including term limits and the process for replacing members
- Develop RAC charter, including definition of consensus or potential voting rules

2012	Jan.	Feb.	Mar.	April	May	June	July	Aug.
Workgroup	★			★		★		★

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Workgroup Overview

Program Priorities & Plan Metrics Workgroup

- Transform information from Summit into a list of priorities
- Develop a list of Plan metrics describing region's target.
- Address how to obtain data needed to measure progress toward implementation of the IRWM Plan
- Develop recommendations for objective prioritization, project-prioritization criteria, integration, and applications
- Develop a strategy for project integration that can be applied to projects prior to grant application cycles

2012	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.
Workgroup	★	★		★		★			★

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Workgroup Overview

Regulatory Workgroup

- Explore potential partnership between IRWM and Regional Board to improve regulatory certainty
- Identify how Basin Plan might be supported or improved by IRWM Program

2012	Jan.	Feb.	Mar.	April	May	June	July	Aug.
Workgroup	★			★	★		★	

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Workgroup Overview

Regulatory Workgroup

PURPOSE

- To provide input to the IRWM Plan Update regarding opportunities for collaboration between the San Diego IRWM program and the San Diego RWQCB

COMPOSITION (APPROX. 25 MEMBERS)

RWQCB Board & Staff	Military
Water agencies	Environmental coalitions
Local municipalities	Academia
Professional association	Technical Team & Facilitator

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Workgroup Overview

Regulatory Workgroup

BENEFITS TO IRWM PROGRAM

- Improved regulatory certainty
- Improved stakeholder involvement in regulatory Issues
- Regional data management and coordination

BENEFITS TO RWQCB

- Technical and resource support for regulatory program
- Improved engagement with IRWM stakeholders
- Regional data management and coordination

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Workgroup Overview

Regulatory Workgroup

WORK PRODUCT: WHITE PAPER

- Identify regional water management issues depending on or influenced by the RWQCB regulatory program
- Identify and prioritize collaboration opportunities for IRWM Program and RWQCB
- Identify potential approaches for implementation
- Develop an Action Plan

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Workgroup Overview

Regulatory Workgroup

EXAMPLE COLLABORATION AREAS DISCUSSED

- Communication: Informal briefings, cross-training, education
- Public involvement: Facilitate stakeholder input into water quality regulatory issues
- Regional Planning: Review of Basin Plan objectives and policies for consistency with IRWM Plan
- Water Quality Standards: 303 (d) & TMDL prioritization, delisting, data and science/research

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Workgroup Overview

Regulatory Workgroup

EXAMPLE COLLABORATION AREAS *(continued)*

- Restoration and Mitigation: Regional opportunities, permit streamlining, clean-up and abatement support
- Data: Regional water quality data collection, sharing and management

STATUS

- Brainstorming phase completed. Next steps:
 - Refinement and prioritization of opportunities
 - Development of White Paper Outline
 - Completion of White Paper and presentation to RWMG in September

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Workgroup Overview

Land Use Planning

- Assess local water management plans
- Identify gaps between water resource management and land use planning
- Explore relationships between water managers and land use planners
- Develop policy guidance for land use planners (integrated land use and watershed management)

2012	Jan.	Feb.	Mar.	April	May	June	July	Aug.
Workgroup					★			★

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Land Use Workshop - Survey Results

Does your planning/community development department have working relationships with water resources agencies/staff? (7 of 7 responded)

Category	YES (%)	NO (%)	DOES NOT APPLY (%)
Agriculture	30	10	60
Water-related recreation	30	50	20
Habitat/species protection	85	15	0
Flood management/control	100	0	0
Watershed protection	45	40	15
Recycled water supply	60	25	15
Wastewater treatment	85	15	0
Water supply	85	15	0

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Workgroup Overview

Climate Change

- Identify and evaluate climate change impacts to the region
- Identify climate change strategies, including "no-regret" adaptation
- Develop tools for factoring climate change into project selection

2012	Mar.	April	May	June	July	Aug.	Sept.	Oct.
Workgroup			★			★		★

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Workgroup Overview

Integrated Flood Management

- Characterize regional flood issues
- Develop guidelines for how land use may affect the health of watersheds
- Describe how the region may practice integrated flood management
- Develop strategy for coordination and management of assets and facilities

2012	Mar.	April	May	June	July	Aug.	Sept.	Oct.
Workgroup				★	★			★

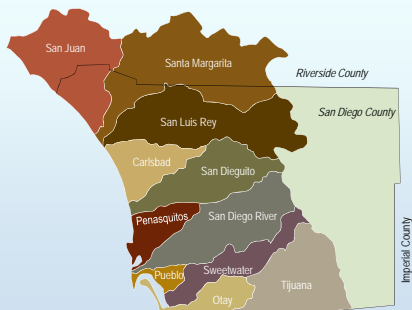
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Watershed Workshops

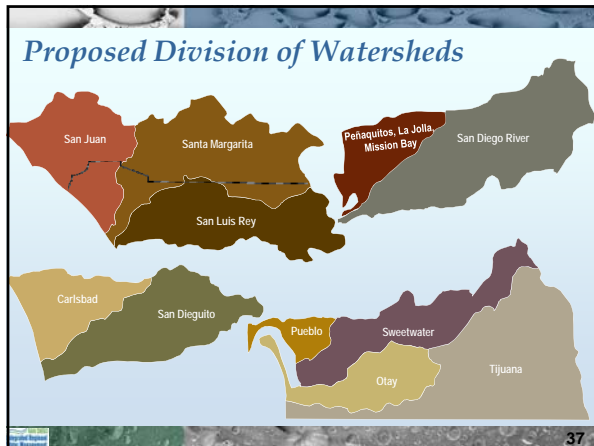
- Purpose: Hold public workshops at the watershed-scale to identify issues as they relate to watersheds throughout the Region
- Goal:
 - Hold four (4) watershed-based workshops throughout the San Diego IRWM Region
- Anticipated Schedule:
 - July-September, 2012

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San Diego IRWM Region Watersheds



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Stormwater Permit Update

Administrative Draft Permit
Tentative Order No. R9-2012-0011

- April 9, 2012 – Release of Draft
- April 25, 2012 – Public Workshop

Goal: Adopt New Permit by End of 2012

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New Approach - Strategic, Adaptive, and Synergistic

- Regional Permit
- Watershed-scale Planning
- Adaptive Management
- Focus is on outcomes

“To better achieve regulatory consistency as well as maximum efficiency and economy of resources”

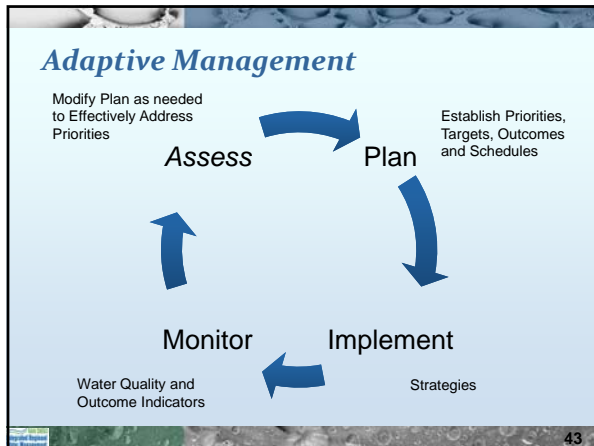
Regional Permit

- Expands area of coverage to include all of Region 9 watersheds under one permit
- Brings in Southern Orange and Southern Riverside Counties once current permits expire
- Allows for early enrollment if desired

Strategic - Watershed-Scale Planning

Requires Water Quality Improvement Plans that:

1. **Prioritize** water quality issues resulting from discharges to/from MS4 within a Watershed,
2. **ID** pollutant sources associated with priorities
3. **Define** numeric targets and schedules to achieve improvement in priorities,
4. **Describe** strategies to achieve targets,
5. **Describe** a coordinated monitoring/assessment program
6. **Adapt** plan/programs, as necessary



- ### Next Steps
- Focused Meetings to Discuss Administrative Draft Content
 - Present Tentative Order and Draft Permit
 - Hold Public Workshops
 - Adopt Permit
- 44

- ### Bacteria TMDL Implementation Plans
- Total Maximum Daily Load (TMDL)
- Developed for all waters that are 303(d) listed
 - Issued by the state (RWQCB)
 - Objective – to achieve water quality standards
 - TMDL Implementation Plan development
 - Identify pollutants, loading targets, load/waste load allocations
 - Implementation Plan and Compliance Monitoring Plan
 - Public Participation
- 45

Bacteria TMDL Implementation Plans

Beaches and Creeks Bacteria TMDL
(Resolution No. R9-2010-0001)

- Adopted February, 2011
- Implementation Plans due to Regional Board within 18 months
 - Bacteria Load Reduction Plan (BLRP)
 - Combined Load Reduction Plan (CLRP)
- Demonstrate how compliance will be achieved
- Schedule: 10-years Dry Weather, up to 20-years Wet Weather

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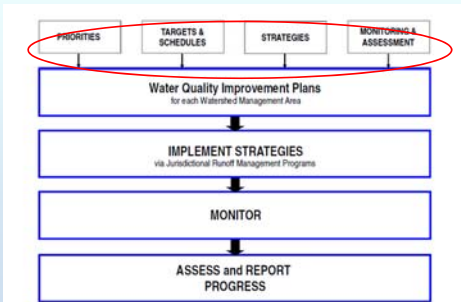
Bacteria TMDL Implementation Plans

CLRP → WQIP

- Draft CLRPs in development
- Broad and flexible
 - Non-structural programs
 - Structural projects – Identify opportunities for BMP placement
 - Compliance Monitoring
- How to reconcile plans?

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Bacteria TMDL Implementation Plans



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Next RAC Meeting

August 1, 2012
9 a.m. – 11:30 a.m.

2012 Meeting Schedule

- April 4, 2012
- May 30, 2012
- August 1, 2012
- October 3, 2012
- December 5, 2012

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SAN DIEGO
Integrated Regional
Water Management

San Diego IRWMP
Regional Advisory Committee Meeting #37



May 30, 2012
