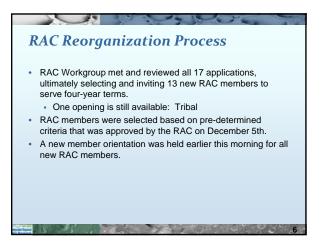




Agenda • Welcome and Introductions • RAC Reorganization • DWR Update • Grant Administration • CCEEB Report • City of San Diego Recycled Water Study • San Diego IRWM Plan Update • Next Joint Public Workshop & RAC Meeting • Summary and Thanks



RAC Reorganization Process RAC agreed on a reorganization process during the October and December RAC meetings. RAC completed Step 1 of the reorganization process by selecting 11 existing RAC members at random to continue on the RAC for the next 2 years. All SDIRWM stakeholders were invited to apply for the remaining open seats on the RAC. In total, 17 applications were received for 14 open RAC seats.





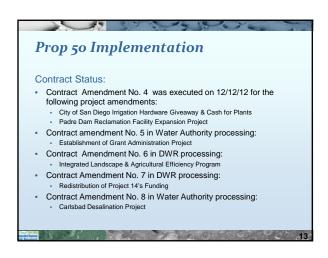


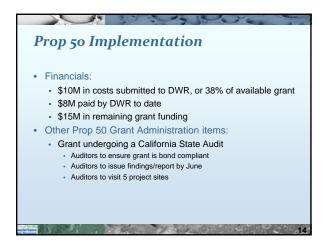




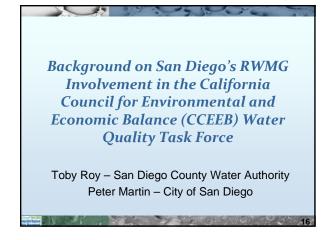




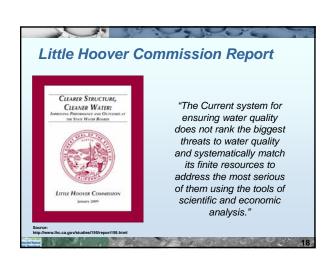






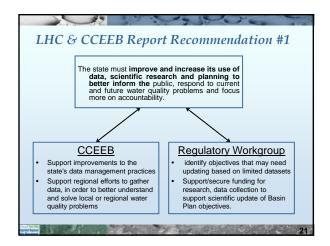


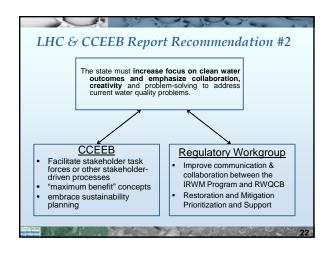


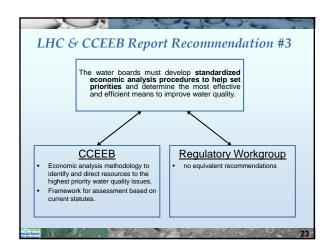


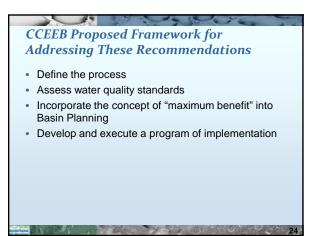


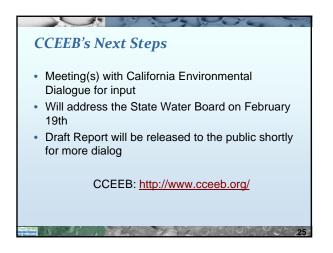








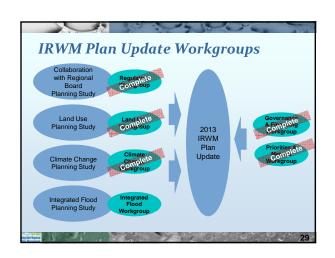






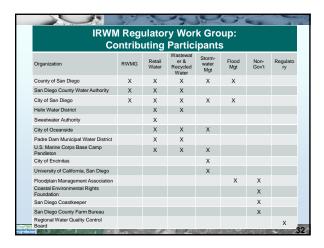






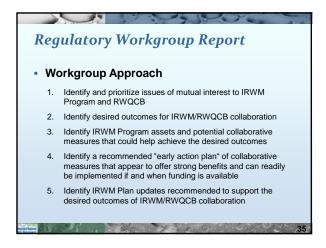






Focus of Workgroup Meetings		
No. 1	Review Work Group objectives Establish Work Group ground rules and select Work Group chair and co-chair Review IRWM and RWQCB issues and needs	
No. 2	Review RWQCB priority themes Identify issues of common interest between the IRWM Program and RWQCB	
No. 3	Organize and prioritize issues of common IRWM/RWQCB interest Solicit ideas on potential strategies for addressing the issues of interest	
No. 4	Identify desired outcomes to be achieved by IRWMRWQCB collaboration Discuss strategies and action plans for achieving the desired outcomes Provide directional input on the preparation of the Work Group report	
No. 5	Review desired outcomes and recommended implementation actions Review and comment on the draft Work Group Report	

Regulatory Workgroup Report • Focus on IRWM Collaboration with the RWQCB • Wide-ranging powers of RWQCB to establish water quality objectives, identify water quality impairments, and mandate water quality improvements to attain the objectives • RWQCB has increasing scope of responsibilities but has to prioritize effort due to limited budget • IRWM Program provides regional mechanism for evaluating, prioritizing, and allocating resources to optimize regional water resources goals





Regulatory Workgroup Report RWQCB Practical Vision Priority Themes Support recovery of wetlands and riparian areas Ensure the health of ground and surface waters Support sustainable local water supplies Effective monitoring and assessment Effective public communication and stakeholder input

Regulatory Workgroup Report • 2007 IRWM Plan Objectives • Maximize stakeholder/community involvement and stewardship • Effectively obtain, manage, and assess water resource data and information • Further the scientific and technical foundation of water management • Develop and maintain a diverse mix of water resources • Construct, operate, and maintain a reliable infrastructure system • Reduce the negative effects on waterways and watershed health caused by hydromodification and flooding • Effectively reduce sources of pollutants and environmental stressors • Protect, restore and maintain habitat and open space • Optimize water-based recreational opportunities

Potential Issues of Common IRWM/RWQCB Interest		
Category	Number of Issues of Interest Identified by the Work Group	
I. Enhance communication and stakeholder input	7	
II. Basin Plan Support	7	
III. 303(d) Impaired Water and TMDL Support	4	
IV. Effective data management and assessment	4	
V. Restoration and Mitigation Support	6	



Pegulatory Workgroup Report Desired Outcome No. 1: Support Science-Based Basin Plan Objectives Support the RWQCB triennial review process and RWQCB programs and efforts to update scientific assessments of relations between Basin Plan objectives and protect beneficial uses

Properties Prope

Regulatory Workgroup Report

- Desired Outcome No. 2: Support Science-Based Impaired Water Listings and Compliance
 - Support RWQCB programs and efforts to update impaired water listings that (1) are based on science and robust data and (2) achieve water quality compliance and protect beneficial uses

Regulatory Workgroup Report

- Objectives to Facilitate Desired Outcome No.
 2: Support Science-Based Impaired Water Listings and Compliance
 - Identify existing 303(d) listings that may warrant reevaluation or re-classification
 - Identify projects or actions that could improve water quality of 303(d) listed waters and attain water quality objectives
 - Identify data collection and/or resources required to support 303(d) re-evaluation or re-classification
 - Secure funding required for data collection and assessment required to support science-based 303(d) evaluations

Regulatory Workgroup Report

- Desired Outcome No. 3: Support Prioritization of Restoration Needs and Opportunities
 - Support the RWQCB in implementing a process for prioritizing wetlands and riparian habitat restoration needs and opportunities, and coordinate with resource agencies to address regional restoration needs and issues

Regulatory Workgroup Report

- Objectives to Facilitate Desired Outcome No.
 3: Support Prioritization of Restoration Needs and Opportunities
 - Develop and maintain a list of wetlands and riparian habitat restoration needs and opportunities
 - Evaluate potential opportunities for coordinating with the RWQCB Supplemental Environmental Projects process and/or other compensatory mitigation programs to fund prioritized wetlands and riparian habitat restoration and recovery efforts
 - Support and secure funding for wetlands and riparian habitat restoration and recovery efforts

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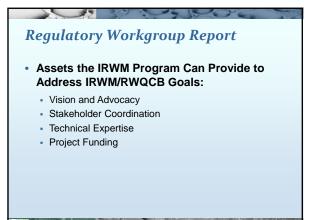
Regulatory Workgroup Report

- Overarching Objectives to Facilitate Outcome Nos. 1, 2, and 3
 - Improve communication between the IRWM Program and RWQCB
 - Seek opportunities for consistency between IRWM Plan and RWQCB Practical Vision

Regulatory Workgroup Report

- Workgroup Approach
 - Identify and prioritize issues of mutual interest to IRWM Program and RWQCB
 - 2. Identify desired outcomes for IRWM/RWQCB collaboration
 - 3. Identify IRWM Program assets and potential collaborative measures that could help achieve the desired outcomes
 - Identify a recommended "early action plan" of collaborative measures that appear to offer strong benefits and can readily be implemented
 - Identify IRWM Plan updates recommended to support the desired outcomes of IRWM/RWQCB collaboration

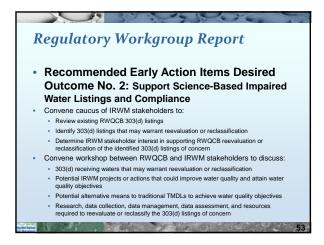
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Regulatory Workgroup Report Workgroup Approach 1. Identify and prioritize issues of mutual interest to IRWM Program and RWQCB 2. Identify desired outcomes for IRWM/RWQCB collaboration 3. Identify IRWM Program assets and potential collaborative measures that could help achieve the desired outcomes 4. Identify a recommended "early action plan" of collaborative measures that appear to offer strong benefits and can readily be implemented 5. Identify IRWM Plan updates recommended to support the desired outcomes of IRWM/RWQCB collaboration

Regulatory Workgroup Report Recommended Overarching Early Action Items: Assign an IRWM liaison to the RWQCB Provide RWQCB with periodic IRWM progress reports for inclusion in Executive Officer reports to the RWQCB Monitor development of RWQCB Practical Vision Coordinate with RWQCB to ensure consistency between IRWM Plan and RWQCB Practical Vision

Regulatory Workgroup Report Recommended Early Action Items Desired Outcome No. 1: Support Science-Based Basin Plan Objectives Convene caucus of IRWM stakeholders to: Review existing RWQCB Basin Plan triennial review priorities, allocated RWQCB resources, and schedules Identify additional Basin Plan review priorities of interest to IRWM stakeholders Determine IRWM stakeholder interest in supporting and coordinating with the RWQCB to address additional Basin Plan review priorities Convene workshop between RWQCB and IRWM stakeholders to discuss: Basin Plan modification priorities identified by IRWM stakeholders Research, data collection, data management, data assessment and resources required to support scientific evaluation of the additional Basin Plan priorities



Regulatory Workgroup Report Recommended Early Action Items for Desired Outcome No. 3: Support Prioritization of Restoration Needs and Opportunities Convene workshop with RWQCB and IRWM stakeholders to discuss: Means of identifying, coordinating, and prioritizing regional restoration needs and opportunities A potential action plan for the development and maintenance of a habitat restoration needs and opportunities priority list Means for coordinating IRWM Program support with the RWQCB SEP process and other compensatory mitigation programs Convene meeting with resource agencies to discuss needs and opportunities for improving coordination of ecosystem restoration, channel maintenance and invasive species removal

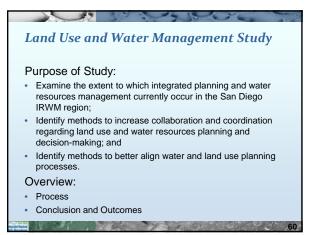


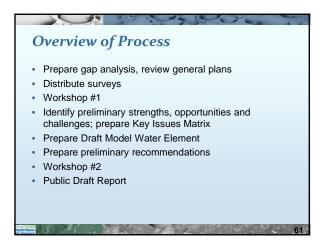






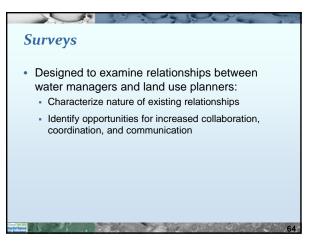


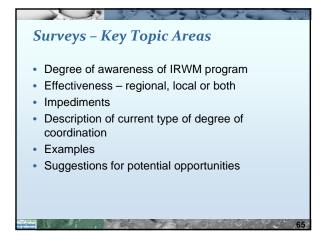




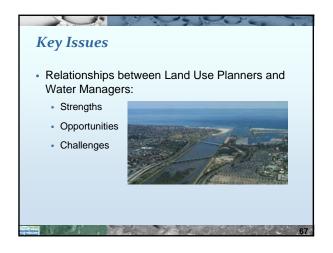


Findings/Outcomes of Gap Analysis Considerable variation in General Plan water policy in region Water policy targeted to new development in some communities and redevelopment in others Natural features vary among local cities Some local land use control over water-related issues limited by State and Federal responsible agencies General Plans vary in "strength" of long-range water policy Departments responsible for water management tasks vary between cities









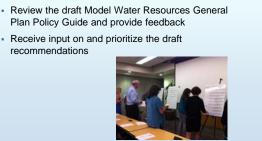
Draft Model Water Resources General Plan Policy Guide

- · Organized around the four IRWM goals
- · Watershed-based approach
- · Used the Ahwahnee Water Principles as a guide
- · Used local examples to the extent possible

Draft Recommendations for Improved Collaboration & Coordination

- List developed from input derived from surveys and suggestions received at Workshop #1
- · Organized into two general categories:
 - Collaborative work products
 - Opportunities for information sharing, regular communication, and meaningful collaboration

Workshop #2 · Purpose: recommendations



Model Water Resources General Plan **Policy Guide**

Based on the 4 IRWM goals:

- 1. Optimize Water Supply Reliability
 - Water supply planning
 - Water-use efficiency
 - Groundwater supplies
 - Recycling and reuse of water supplies
 - Stormwater supplies

Model Water Resources General Plan Policy Guide (cont.) 2. Protect and Enhance Water Quality

- - Stormwater Management
 - Groundwater Quality
- 3. Provide Stewardship of our Natural Resources
 - Compact Development
 - Natural Resource Protection and Watershed Management
 - Vegetation Protection and Management
 - Sustainable Site Preparation Practices

Model Water Resources General Plan Policy Guide (cont.)

- 4. Coordinate and integrate water resource management
 - Integrated water resource management
 - · Partnerships and coordination
 - Stakeholder and community involvement and education

Recommendations for Improved Collaboration & Coordination

- Category 1: Collaborative Work Products
- Category 2: Opportunities for information sharing, regular communication, and meaningful collaboration

Recommendations for Improved Collaboration & Coordination

Category 1: Collaborative Work Products

- Prepare and distribute model water resources policies, ordinances, and guidelines for topics such as graywater, sustainable landscapes, and stormwater management.
- Prepare information sheets for land use planners regarding potential water resource-related impacts of certain land uses, such as landfills and pharmaceutical industries
- Prepare conservation or resource management plans/guidelines for community gardens and backyard gardening.

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Recommendations for Improved Collaboration & Coordination (cont.)

Category 2: Opportunities for Information Sharing, Regular Communication, and Meaningful Collaboration

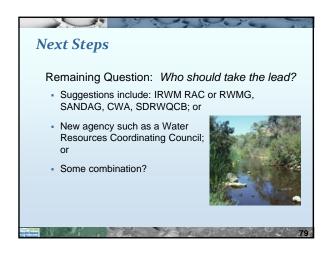
- 1. Create a GIS-based Resource Guide
- Work with SANDAG to include water resources in its smart growth planning
- Workshops, webinars, lunch sessions, forums, social media, etc. (list of suggested topics)
- Expand the IRWM website and use the websites of existing agencies to disseminate key information

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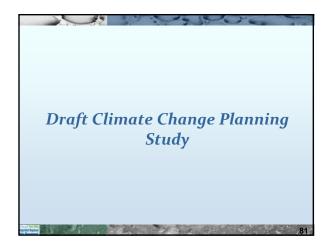
Key Issues Matrix Shows how the recommendations developed through the Land Use Study process will help to overcome the issues through implementation of the IRWM Program **Tribus** **What was fix be blocked about \$1.00 to 100 to 1

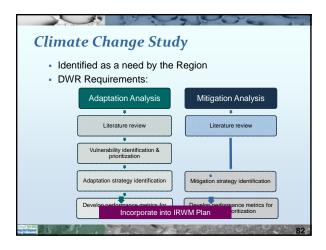
Land Use Planning Study

- Recommended IRWM Plan Update Action Items:
 - Support or facilitate collaborative preparation of various joint water resources and land use planning efforts and work in the Region
 - Provide opportunities for information sharing, regular communication, and meaningful collaboration for water resources and land use managers
 - Seek funding to provide grant program that allows municipalities to fund updates to their general plans to incorporate water resource policies or develop water resources elements

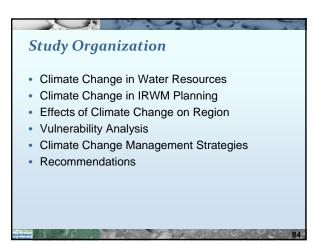


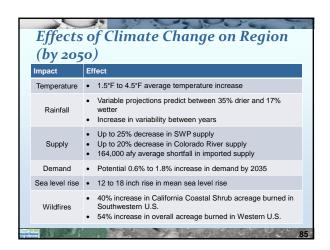


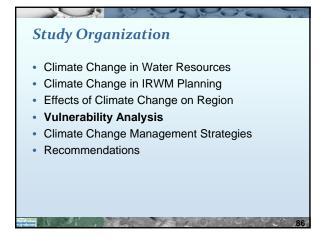




Study Development Process Review of local, regional, statewide and federal climate change related documents Meetings of Climate Change Workgroup Effects and impacts review Vulnerability assessment and prioritization Strategy assessment Objective and targets development Project prioritization incorporation Incorporation of information gathered into Study

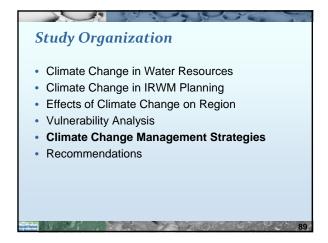






Vulnerability Analysis Box 4-1 in Climate Change Handbook for Regional Water Planning provided questions that help to identify key indicators of potential vulnerability Workgroup analyzed potential vulnerabilities to refine Box 4-1 questions Workgroup prioritized vulnerabilities to determine areas of highest concern







Study Organization Climate Change in Water Resources Climate Change in IRWM Planning Effects of Climate Change on Region Vulnerability Analysis Climate Change Management Strategies Recommendations

Recommendations Adaptive management Climate Change related objectives and targets Climate Change in project selection considerations

Climate Change (CC) science is ever advancing CC impact intensity likely to continue to increase Uncertainty associated with climate change Adaptive management consists of: Ongoing Identification, Monitoring and Updating of the most important Impacts and Uncertainties Translating Impacts and Uncertainties into Indicators, Timely Risk Triggers, or Early-Benefit Scenarios Creating Flexible Paths of Action to take as Triggers occur Monitoring and Feedback Mechanisms for Short/Med/Long Term Effectiveness

