

*San Diego IRWMP
Regional Advisory Committee Meeting*




September 19, 2007

Agenda

- Introductions
- Finalize Measurable Targets
- Consider Recommendation that RWMG Governing Bodies Adopt IRWM Plan
- RAC Workgroup Update and Proposed Funding Package
- Updates
- Future Agenda Items
- Public Comments

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- **Introductions**
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Measurable Targets

- RAC directed staff to update targets based on comments at September 5 meeting

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Measurable Targets for Objective C: Further the Scientific and Technical Foundation of Water Management

1. **By 2010, develop an agreed-upon system and metrics for tracking the progress of Basin plan validation efforts through coordination with Regional Board staff.**
2. Conduct water quality assessment for beneficial use attainment within 75% of surface waters by 2015.
4. By 2013, develop an agreed-upon system and metrics for tracking groundwater assessment information.
5. By 2015, develop an agreed-upon system and metrics for evaluating ocean water quality and marine habitat.

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*Measurable Targets for Objective E:
Construct, operate and maintain a reliable
infrastructure system*

2. Increase local treatment of imported and local surface waters from 597 mgd to 860 mgd in 2010 and 921 mgd in 2030.

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*Measurable Targets for Objective F: Reduce
the negative effects on waterways and
watershed health caused by
hydromodification and flooding*

3. By 2010, implement a system to track rates of change in impervious surfaces regionally.
 - Added language to discussion explaining goal of metric

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*Measurable Targets for Objective G:
Effectively reduce sources of pollutants and
environmental stressors*

5. Reduce the frequency of sanitary sewer overflows in excess of 1,000 gallons from 180 overflows per year in 2005 to 120 overflows per year in 2012.

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**Measurable Targets for Objective H:
Protect, restore and maintain habitat and open space**

1. Conserve by 2012 a minimum of 10,000 acres of habitat and open space, including functional riparian habitat and associated buffer habitat, and functional wetland habitat.
2. Restore by 2012 a minimum of 1,000 acres of habitat and open space, functional riparian habitat and associated buffer habitat, and functional wetland habitat.
3. Remove a minimum of 1,000 acres of non-native invasive plants by 2012.
4. Monitor, manage, and control nuisance aquatic species in the Region.

- Added text supporting MSCP and HCP/NCCP implementation

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Voting Rules

- Vote 1: Formally Recommend that RWMG Governing Bodies Adopt the IRWM Plan
 - 51%
 - 2/3
- Vote 2: Recommend that the SDCWA Board Approve the Proposed Funding Package and Give Authority to Submit the Funding Application
 - 51%
 - 2/3

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Preparation 2007 IRWM Plan

| Dates | RAC Involvement |
|----------------------|---|
| Dec 2006 – July 2007 | RAC meetings - provided input on major elements of plan (i.e. objectives, targets, regional priorities, prioritization) |
| April 2007 | Provided comments on Administrative Draft IRWM Plan |
| July 2007 | Provided comments on Public Review Draft IRWM Plan |
| July 10, 2007 | Unanimously recommended SDCWA Board accept Public Review Draft (SDCWA Board accepted in Aug.) |
| Sept 5, 2007 | Reviewed major revisions to Public Review Draft and provided further comments |
| Sept 19, 2007 | RAC consider recommending to RWMG governing bodies approval of 2007 IRWM Plan |

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Revisions to IRWM Plan based on RAC Input (Sept. 5th meeting)

- Expanded language on relationship between the City of San Diego and Water Authority (Section A)
- Revised measurable targets (Section C)
- Added language stating that targets achieved through combined efforts of agencies, NGOs, etc. (Section C)

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*Revisions to IRWM Plan based on RAC
Input (Sept. 5th meeting) (continued)*

- Noted that targets are based on current adopted local plans and will evolve based on changing conditions (Section C)
- Added language to ensure watershed approach will be evaluated in formation of institutional structure. (Section G)
- Included brief description of Borrego IRWM effort and associated coordination (Sections B and O)

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*First Amendment to RWMG MOU
Section 4a*

The PARTIES' governing bodies will give primary consideration to the recommendations of the RAC as part of any decision related to adoption of the final IRWM Plan for the San Diego Region.

RAC Suggested Action

Recommend to the RWMG governing bodies approval of the final 2007 IRWM Plan for the San Diego Region.

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Workgroup Members

- Water Quality: Kirk Ammerman - Chair (Neal Brown)
- City of San Diego: Marsi Steirer (Jeff Pasek)
- County of San Diego: Kathleen Flannery (Sheri McPherson)
- Members-At-Large: Rob Roy, Karen Franz (Robyn Badger)
- Natural Resources and Watersheds: Rob Hutsel, Megan Johnson (Greg Krzys)
- Retail Water Agencies: Dennis Bostad (Rick Alexander)
- San Diego County Water Authority: Bob Yamada (Mark Stadler)

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Workgroup Effort

- 51 projects reviewed and discussed
- 4 meetings for a total of 24 hours per person
- 9 voting members present at every meeting, plus alternates
- More than 500 labor hours expended

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Breakdown of Meetings: Meeting 1

- Reviewed ground rules
- Discussed RAC criteria
- Revisited Proposition 50 Program Preferences
- Nominated and elected Kirk as Chair
- Discussed approach to evaluating projects
- Initiated process for reviewing projects by classifying projects as A, B, or C

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Breakdown of Meetings: Meeting 2

- Clearly defined evaluation criteria
 - Support and improve local and regional water supply reliability
 - Contribute expeditiously and measurably to the long-term attainment and maintenance of water quality standards
 - Eliminate or significantly reduce pollution in impaired waters and sensitive habitat areas, including ASBSs
 - Include safe drinking water and water quality projects that serve disadvantaged communities
- Initiated discussion and assessment of each project

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Breakdown of Meetings: Meeting 3

- Completed assessment of projects
- Discussed approach to proposal development
- Nominated projects for funding package
 - Identified strong water supply reliability projects and projects with clear synergies
 - Incorporated additional projects to achieve multiple objectives and geographic balance
- Contacted project proponents between meetings to request additional information

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Breakdown of Meetings: Meeting 4

- Revisited Meeting 3 project nominations
- Refined proposal
 - Geographic balance
 - Multiple objectives
 - Total funding request
 - Funding match

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Workgroup Result

- 9 votes – unanimous agreement – for the proposal package
- 25 projects proposed
- \$25 M grant request
- ~73% funding match

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Project Proponents

- Back County Land Trust of San Diego County
- City of Encinitas
- City of San Diego
- County of San Diego
- CoastKeeper
- Fallbrook Public Utility District
- Helix Water District
- Mission Resource Conservation District
- Olivenhain Municipal Water District
- Padre Dam Municipal Water District
- San Diego County Water Authority
- San Dieguito River Valley Conservancy
- Sweetwater Authority
- Zoological Society of San Diego

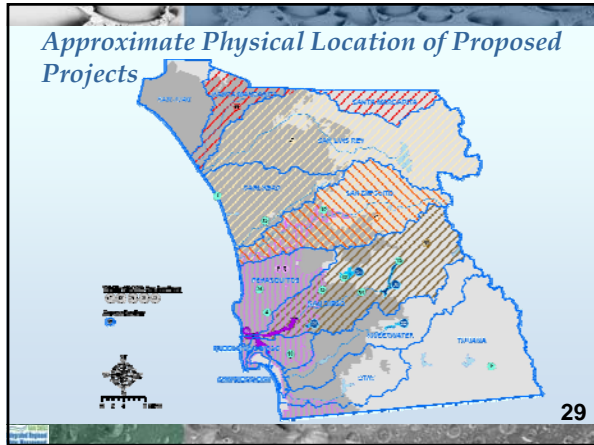
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Project Types

- Stormwater management
- Stormwater reuse
- Education
- Organization staffing
- Data development
- Supply reliability
- Recycled water
- Water conservation
- Land conservation
- Source water protection
- Invasive plant removal
- Groundwater management

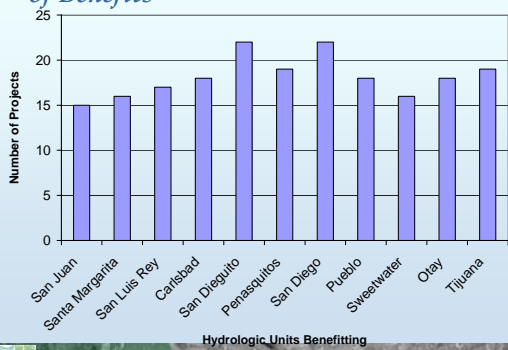
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Approximate Physical Location of Proposed Projects

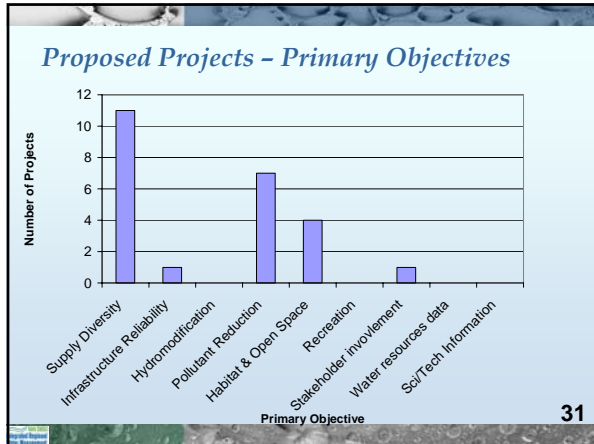


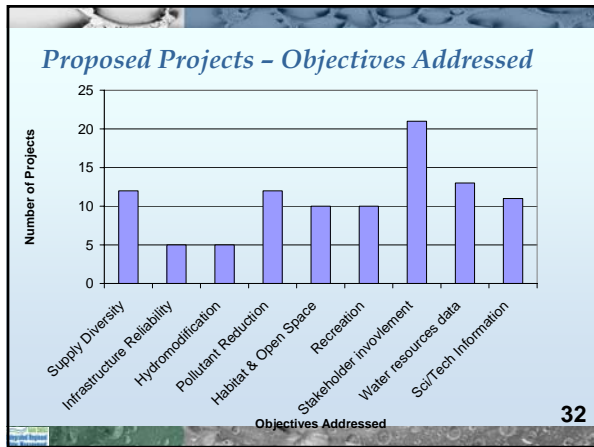
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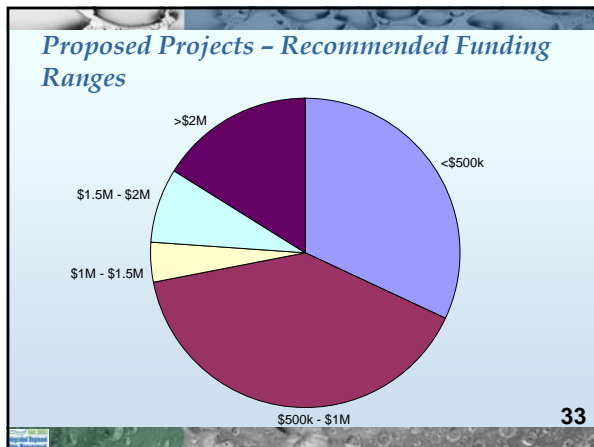
Proposed Projects - Approximate Location of Benefits



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Upcoming Meetings: Potential Meeting 5

- Projects may become infeasible/unfundable prior to the January submittal date
- Develop proposed approach to determining how to revise package if projects “fall out” before January
 - Analysis required for application and time constraints prevent addition of replacement projects
 - Workgroup recommends developing a formula to redistribute funds among proposed projects

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Upcoming Meetings: Potential Meeting 5, cont'd

- Approach would only be implemented if projects drop out prior to January deadline

Note: We do not have a plan to address a funding award of less than \$25 M from the State

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Proposed Projects

- New Surface and Groundwater Supply
 - Santa Margarita Conjunctive Use
 - Carlsbad Desalination Local Conveyance
 - San Diego Region Four Reservoir Intertie Feasibility Study
 - South County Water Supply Strategy
 - El Monte Valley Groundwater Recharge and River Restoration

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Proposed Projects

- Surface Water and Groundwater Protection & Enhancement
 - San Vicente Reservoir Source Water Protection through Watershed Property Acquisition
 - El Capitan Reservoir Watershed Acquisition Program
 - Conservation in the Campo Valley
 - Green – San Dieguito
 - Northern San Diego Invasive Non-Native Species Control

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Proposed Projects

- Water Conservation
 - Implementation of Integrated Landscape and Agricultural Efficiency Programs (2 projects combined)
 - Over-Irrigation/Bacteria Runoff Reduction
 - Landscape Irrigation Efficiency Program

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Proposed Projects

- Water Recycling
 - Santee Water Reclamation Facility Expansion Project
 - Recycled Water Retrofit Assistance
 - North City Recycled Water System Expansion
 - City of San Diego Parklands Recycled Water Retrofit & Distribution

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Proposed Projects

- Education, Coordination and Outreach
 - San Diego Regional Water Quality Assessment and Outreach
 - Educational Demonstration Wetland
 - San Dieguito Watershed Council Staffing
 - San Diego River Watershed Coordinator
 - City of San Diego Municipal Rooftop Rain Harvesting
 - City of San Diego Green Mall Porous Paving and Infiltration
 - County of San Diego Chollas Creek Runoff Reduction and Groundwater Recharge

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Next Steps

- RAC vote to approve proposed package
- RAC vote to direct workgroup to reconvene
 - Develop proposed approach to reallocate funding
 - Present proposed approach to the RAC at the October 9 meeting
- Consultants work with project proponents to gather additional information and prepare grant application

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Project List Discussion

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RAC Voting

- Recommend that the SDCWA Board Approve the Proposed Funding Package and Give Authority to Submit the Funding Application

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Additional Workgroup Meeting Discussion

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RAC Voting

- Direct Workgroup to Reconvene
 - Develop proposed approach to reallocate funding if any projects drop out before January deadline
 - Present proposed approach to the RAC at the October 9 meeting

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