San Diego IRWM Project Workshops
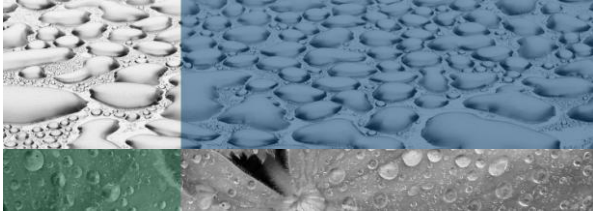
SAN DIEGO
Integrated Regional
Water Management

June 14, 2010 – City of Encinitas
June 15, 2010 – City of Chula Vista

Agenda

- **What is IRWM Planning?**
- Review & Feedback on Prop 50 Cycle
- How to Submit Projects
- Explanation of Project Scoring
- Hints on How to Review Your Project
- Proposition 84 Requirements
- Wrap Up & Thank You

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What is IRWM Planning?

- A regional approach for addressing water management issues preferred by:
  - Department of Water Resources
  - State Water Resources Control Board
- A mechanism for stakeholders to work together to effectively implement water management projects

Water Boards

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Why is IRWM Important?

Fosters Collaboration Between Agencies	Supports Effective Water Management
Enables Stakeholder Participation	Positions Region for Funding

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San Diego IRWM Program

- IRWM Mission
  - *…protecting, managing, and developing reliable and sustainable water resources*…
- Region Boundary
  - All or portions of eleven hydrologic units within San Diego County that discharge to coastal waters
- Active Participants
  - Regional Water Management Group
  - Regional Advisory Committee
  - Tri-County Funding Area Coordinating Committee

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What Projects does IRWM Support?

- IRWM supports multi-benefit water management projects that:
  1. *Optimize water supply reliability.*
  2. *Protect and enhance water quality.*
  3. *Provide stewardship of our natural resources.*
  4. *Coordinate and integrate water resource management.*

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Proposition 50 Provided First Wave of IRWM Grant Funding

- Passed by California voters in November 2002
- San Diego received $25 million in project implementation funding

Santa Margarita Conjunctive Use *Carlsbad Desalination Project Local Conveyance* *El Monte Valley Groundwater Recharge and River Restoration*
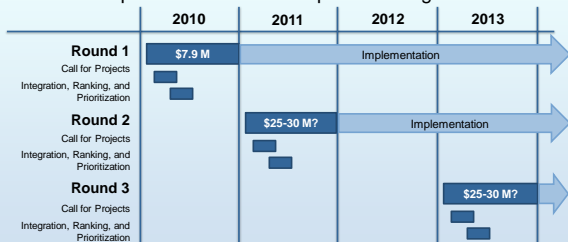
Proposition 84 Will Provide Second Wave of IRWM Grant Funding

- Passed by California voters in November 2006
- Provides $1 billion for IRWM planning and implementation projects
  - $91 million for San Diego Funding Area (incl. portions of Orange and Riverside Co)
  - $71 million to San Diego Region through a formal agreement

$37
$73
$138
$57
$52
$60
$27
$215
$36

San Diego IRWM Updates

DWR Anticipates 3 Rounds of Prop 84 Funding

	2010	2011	2012	2013
Round 1	$7.9 M	Implementation		
Call for Projects				
Integration, Ranking, and Prioritization				
Round 2		$25-30 M?	Implementation	
Call for Projects				
Integration, Ranking, and Prioritization				
Round 3				$25-30 M?
Call for Projects				
Integration, Ranking, and Prioritization				

Proposition 1E Will Provide Additional IRWM Grant Funding

- Passed by California voters in November 2006
- Provides $300 million for IRWM projects addressing stormwater and flood management
  - Emphasis on addressing immediate public health and safety needs and strengthening existing flood control facilities to address seismic safety issues
  - Separate grant applications with $30 million cap

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Review of Prop 50 Grant Cycle

THEN
- Call for Projects
  - Concurrent with IRWM Plan development
  - Project Information Form was circulated via email
- Project Ranking
  - Section F outlines ranking criteria

NOW
- Call for Projects
  - Consistent with adopted IRWM Plan
  - Project information will be submitted through project database
- Project Ranking
  - Section F outlines ranking criteria

Review of Prop 50 Grant Cycle

THEN

- Project Selection
  - Occurred after ranking by a Workgroup designated by RAC
  - Selection criteria vetted with RAC

NOW

- Project Selection
  - Watershed groups have opportunity to provide comments
  - Will occur after ranking by a Workgroup designated by RAC
  - Selection criteria vetted with RAC

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Lessons Learned from Prop 50

1. Limit your projected funding match.
   - Do <u>not</u> exaggerate total project costs; Break project into phases if appropriate.
2. Submit only ready-to-proceed projects.
   - Focus on those projects which are truly ready to go once the grant contract has been executed.
3. Local cost share must be spent before grant reimbursement.
   - Plan to document your funding match in early tasks.
4. IRWM grant can not fund staff positions.
   - Project work plans must be task-oriented.

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Submit Projects Through Online Project Database

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Submit Projects Through Online Project Database

- Add/edit projects for inclusion in IRWM Plan list
- Explain project description, budget, and feasibility
- Articulate how project contributes to Plan objectives

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Submit Projects Through Online Project Database

- View other submitted projects and integration opportunities
- Identify and contact potential project partners

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Submit Projects Through Online Project Database

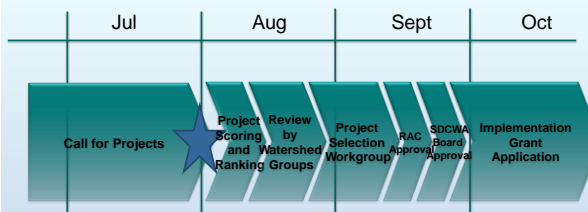- To facilitate partnerships, 'sharing' by two users is possible

Call for Projects

- Projects submitted by **August 2, 2010** will be considered for Prop 84 Round 1 funding.
- Projects may be submitted after the deadline for consideration in future rounds.
- As each new grant cycle arises, announcements will go out to update or submit projects for consideration.
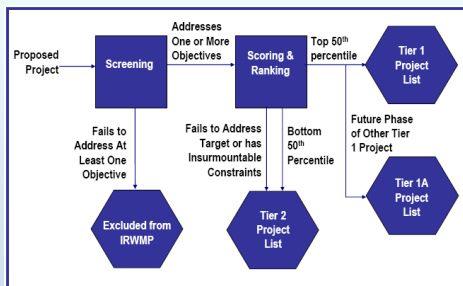
San Diego IRWM Updates

Tentative Timeline for Prop 84 Round 1

Jul	Aug	Sept	Oct

Call for Projects — Project Scoring and Ranking Groups — Review by Watershed Groups — Project Selection Workgroup — RAC Approval — SDCWA Board Approval — Implementation Grant Application

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Project Scoring is Used to Identify Projects for Consideration

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Step 1: Screening

- Screening Criteria – Pass/Fail
  - Addresses an IRWM Plan Objective
  - Addresses an IRWM Plan Target
  - Free from Insurmountable Constraints

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Step 2: Project Scoring

Criterion	% of Score
1 Address Multiple IRWM Plan Objectives	23%
2 Integrates Multiple Strategies	23%
3 Spans Multiple Hydrologic Units	10%
4 Creates New Water	10%
5 Linked to Other Projects	10%
6 Involves more than One Entity	6%
7 Identified in Existing Plan	6%
8 Directly Benefits Disadvantaged Community	6%
9 Addresses Environmental Justice Concern	6%

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What is Integration?

- Approach
  - Develop projects made up of integrated strategy groupings to accomplish Plan objectives
- Benefits
  - Water management, coordination, regulatory, public awareness, and cost savings benefits result from combining strategies

Watershed Management · Conjunctive Use · Groundwater Management · Ecosystem Restoration · Aquifer Remediation · Recycled Water · Floodplain Management · Urban Runoff Management · Implementation Project

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Step 3: Ranking

- Top 50th Percentile = Tier 1 or Tier 1A
  - Moves on to Project Selection Workgroup for consideration in current grant application
  - Note: Future phases of current Tier 1 projects will be designated Tier 1A
- Bottom 50th Percentile = Tier 2
  - Remains in IRWM project list for future grant cycles

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Additional Criteria to Further Evaluate Tier 1 Projects for Funding

- Program Preferences / Statewide Priorities
- Regionalism
- Degree of Benefit
- Degree of Negative Impact
- Contribution to Measurable Targets
- Cost-Effectiveness
- Readiness to Proceed
- Amount Leveraged

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Project Scoring Criteria

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Project Database: Project Description Form

- List Project Partners (14)
  - Identify agencies and organizations who are project partners
- Identify Linkages with Other Projects (22)
  - Describe how the project is connected to and/or helps to implement other projects
- Local/Regional Plans Which List the Project (23)
  - To receive credit, the plan cited must specifically identify the proposed project

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Project Database: Project Description Form

- Creates New Water (24)
  - Describe how the project creates new water
- Address Critical Water Supply and/or Quality Issues of a Disadvantaged Community (27)
  - To receive credit, the proposed project must clearly provide a direct benefit to a specific disadvantaged community

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Project Database: Objectives Form

- IRWM Plan Objectives (1-9)
  - Project scoring is dependant on how many objectives are addressed by the project
- Affected Hydrologic Units (10-11)
  - Every project should address at least one of the region's 11 hydrologic units
  - 'Affected' does not imply a negative impact

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Project Database: Strategies Form

- Water Management Strategies (1-31)
  - Project scoring is dependant on how many strategies are employed by the project
    - Be realistic about which water management strategies are actually being employed.
    - Be sure the selected water management strategies are project actions, not indirect benefits.

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Examples of Projects Addressing Water Management Strategies

- Desalination
  - Developing potable water supplies through desalination of seawater or brackish groundwater
- Economic Incentives
  - Rebate programs to promote water conservation
- Matching Quality to Use
  - Recycled water and other non-potable projects
- Environmental and Habitat Protection
  - Land conservation
  - Wetlands creation and enhancement
- Water Quality Protection and Improvement
  - Stormwater capture and treatment

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Examples of Project _Not_ Addressing Water Management Strategies

- Potable Water Treatment and Distribution
  - Non-potable projects that offset potable use
- Groundwater Aquifer Remediation
  - Projects that recharge higher quality water but which do not actually remove pollutants from contaminated aquifers
- Water Transfers
  - Intra-regional water transfers
- Stakeholder/Community Involvement
  - Projects that engage public input solely through CEQA

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Prop 84 Requirements

- SDCWA has primary contract with DWR
  - Subcontracts with all project proponents receiving grant funding
- Draft eligibility requirements:
  - Project must be submitted through San Diego IRWM project database by **August 2, 2010**
  - *Urban water suppliers* must be in compliance with UWMP Act and AB 1420
  - For groundwater recharge projects, Groundwater Management Plan must be prepared

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Prop 84 Requirements

- Draft contract requirements:
  - Grant is a reimbursement for completed work
    - Invoicing and reimbursement cycle is 2-6 months
  - Funding Match = 25-50% of total project costs from non-State sources
    - Do not exaggerate total project costs; Break project into phases if appropriate.
  - 10% retention is withheld until project proponent has met all reporting requirements
  - All projects must be in compliance with CEQA
  - Labor Compliance Program is required for all public works projects

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Thanks for your participation!

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