



## **Overview**

- Process & Timeline for Plan Completion
- Vision & Regional Objectives
- Water Management Strategies
- Challenges & Issues
- Implementation Projects
- Plan Participant Commitments

## **IRWM Approach**

1. Establish a long-term planning framework
2. Explore the inter-relationship of existing planning efforts to identify conflicts and common objectives
3. Use stakeholders to establish planning and implementation priorities
4. Adopt the IRWM Plan by Spring 2007 / begin implementation
5. Continue a broad-based long-term planning process
6. Update the IRWM Plan at least once every five years
7. Update priority project lists as needed
8. Jointly pursue funding for regional and watershed priorities

## Tentative Schedule for Plan Completion

Major Activities	Dates
Stakeholder meetings and workshops	July / Aug. 2006
Completion of initial stakeholder input process	Sept. 15, 2006
Draft IRWMP released for public review	Oct. 2006
30-60 day comment on Final Draft IRWMP	Nov. / Dec. 2006
Completion of Final IRWMP	Jan. 30, 2007
IRWMP adoption by RWMG	Spring 2007

## Vision

An integrated, balanced, and consensus approach to ensuring the long-term viability of San Diego's water supply, water quality, and natural resources

## Regional Objectives & Water Management Strategies

### *Objective: Protect and enhance water quality*

- Water Quality Protection and Improvement
- Stormwater Management
- NPS Pollution Control

### *Objective: Provide stewardship of our natural resources*

- Watershed Planning
- Proactive Land Use Planning
- Ecosystem Restoration
- Wetlands Enhancement & Creation
- Habitat Preservation & Enhancement
- Recreation & Public Access
- Flood Control

### *Objective: Develop reliable water supplies*

- Water Supply Reliability
- Conjunctive Use
- Wastewater Treatment and Recycled Water Use
- Groundwater Supply Development and Management
- Surface Water Storage and Reservoir Management
- Seawater Desalination
- Conservation
- Water Transfers

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## Water Quality Challenges & Issues

Type of Implementation Challenge	Water Management Strategy		
	1. Water Quality Protection and Improvement	2. Stormwater / Urban Runoff Management	3. NPS Pollution Control
Program Planning & Coordination			
Priority Impacts, Pollutants, & Stressors	Bacteria; Metals; Nutrients; Sedimentation, turbidity, TDS; Toxicity / Degraded ecosystems; Invasive species; Hydromodification; Groundwater pollution;	Bacteria; Nutrients; Sedimentation, turbidity, TDS; Nuisance flows	Nutrients; Sedimentation, turbidity, TDS; Invasive species;
Priority Pollutant Sources	Point source discharges; Non-point source discharges;	Residential sources; Construction & development; Industrial & commercial sources; Reclaimed water discharges;	Agricultural sources; Equestrian sources; Nurseries; Golf courses;
Monitoring & Assessment	Monitoring coordination; Costs; Watershed assessment methods;		
Data and Information Management	Data availability and accessibility; Insufficiency of groundwater data;		
Technology, Research, and Development	Lack of effective BMPs for bacteria;		
Education & Public Participation			
Financing	Availability of grant funding;		
Legal & Regulatory Issues	Total Maximum Daily Loads; Basin Plan issues;	Prop 218 restrictions on program funding	Adequacy of agricultural waivers
Other Issues			

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## Implementation Projects

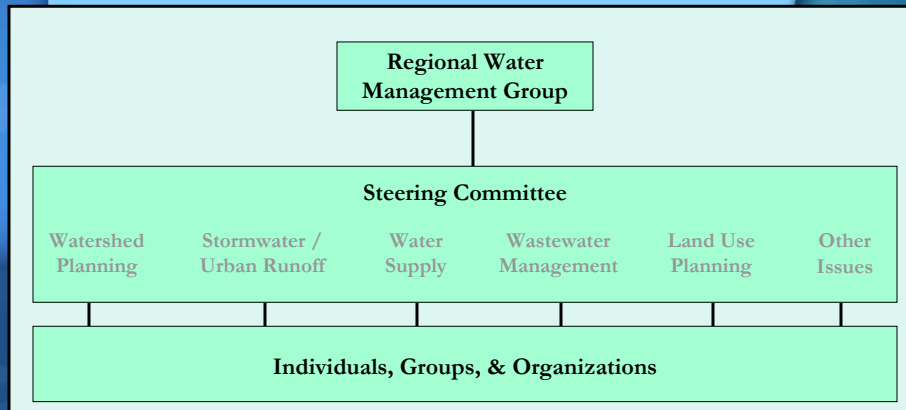
- Proposition 50, Chapter 8 funding
  - \$150 million – First Funding Cycle (2006)
  - \$215 million – Second Funding Cycle (2007)
- Future funding

## Implementation Projects -- Step 1 Application

Project Title	Lead Sponsor Agency/Organization	Watershed
Lake Sutherland East Property Acquisition	San Dieguito River Valley Conservancy	San Dieguito
Ramona Grasslands Preserve	The Nature Conservancy	San Dieguito
Rutherford Acquisition	San Dieguito River Valley Conservancy, Volcan Mountain Preserve Foundation	Multiple
Santa Margarita River Corridor Protection	San Diego State University Field Station Programs, The Nature Conservancy	Santa Margarita
Chollas Creek Re-vegetation Project	City of San Diego	Chollas (Pueblo)
Implementation Improvements to the Rose Creek Watershed	San Diego Earthworks	Rose (Peñasquitos)
Northern San Diego County Invasive Non-native Species Control Program	Mission Resource Conservation District	Multiple
Sweetwater Reservoir Exotic Species Removal and Habitat Restoration	Sweetwater Authority	Sweetwater
Tijuana River Watershed – Invasive Plant Control Program	Southwest Wetlands Interpretive Association	Tijuana
Community Conservation To Go / Water Brooms	Helix Water District	Sweetwater and San Diego
Regional Watershed Data and Information Project	County of San Diego	Multiple
Urban Landscape Water Analysis	City of Carlsbad	Multiple
Olivenhain Water Treatment Plant Water Quality Upgrade and Expansion	Olivenhain Municipal Water District	Carlsbad
Ramona By-pass Line	City of Poway	San Dieguito
Regional Water Supply Reliability Program		Multiple
Lakeside Land - Ground Water Recharge, Water Quality and Habitat Restoration Project	Lakeside River Park Conservancy	San Diego
Comprehensive Groundwater Recharge Study	County of San Diego	Multiple
Mission Valley Brackish Groundwater Desalination	City of San Diego	San Diego
North City Recycled System	City of San Diego	San Dieguito
Nutrient Reduction in the Santa Margarita River Watershed	County of San Diego	Santa Margarita
Over-irrigation Runoff / Bacteria Reduction Project	City of Encinitas	Multiple
San Diego County Lagoon Pollutant Reduction Assessment	City of Carlsbad	Multiple
San Diego Wild Animal Park – Integrated Water Quality and Water Preservation Program	San Diego Wild Animal Park	San Dieguito

## Plan Participant Commitments

- Participate in meetings and workshops



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## Plan Participant Commitments

- Provide input via email and through the Project Clean Water website:  
[www.projectcleanwater.org/sdirwm](http://www.projectcleanwater.org/sdirwm)
- Provide Resolutions for Plan Submittal
  - Support of entire IRWM Plan
  - Implementation Project-specific

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Questions?