A New Approach to Water Planning: One Water One Watershed



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Prompt Slide for Speaker

- Watershed Planning
- Project Funding



Primary Activities of SAWPA



- SARI (Santa Ana Regional Interceptor) – O & M
- "Roundtable" facilitator of several multi-agency task force efforts
- Long term regional water planning -OWOW









Climate Change





Colorado River





State Project Water





Potential State Project Water Cutback Impacts to Santa Ana Region



YR 2025

470,000

YR 2010SWP (Direct Delivery - AFY)396,000



A 20% reduction would result in a loss of 79,000 AFY by 2010 and 94,000 AFY by 2025.

Representing the water loss to about a ¼ of a million people each year.



Explosive Land Development and Population Increase





Outside the Box Thinking



- New water demands
- Collaboration for integrated multi-function solutions
- Engender greater buy-in
- Regional problems require regional solutions
- Our upper and lower watersheds are linked





Pillar Integration





CIP Planning vs. IRWMP



Capital Improvement Planning (CIP) typically focuses on:

- 1. A list of infrastructure improvements for a local pubic agency
- 2. Financing plan for the projects
- 3. Timetable for the construction and completion of projects
- 4. Justification for projects

Integrated Regional Water Management Plan (IRWMP) focuses on:

- 1. Developing a regional plan to meet water needs for the future
- 2. Integrates water infrastructure needs with water resource management strategies
- 3. Requires collaboration among multiple water planning entities and jurisdictions on a watershed wide basis
- 4. Encourages the development of multi-beneficial projects
- 5. Supports an inclusive stakeholder driven process



One Water One Watershed



- Addresses all water-related problems
- Capitalizes on existing excellent planning & regional problem solving
- Envisions a single unified submittal to the State
- Engenders a collaborative "big tent" approach to solving problems





One Water One Watershed Integration of Planning Pillars

- Water Supply Reliability
- Water Quality Improvement
- Flood Control and Stormwater Runoff
- Water Recycling
- Environmental Enhancement and Habitat
- Parks, Recreation, Open Space, Trails

Additions for One Water One Watershed

- Water Conservation New!
- Climate Change New!
- Environmental Justice New!
- Land Use New!





Supporting the Ahwahnee Principles for Resource Efficient Land Use



Principles emphasize "resource efficient land use"

- Promote compact mixed use in city centers
- Preserve open spaces in urban areas to create cooler, walkable communities

Use Low Impact Development to

- Reduce hydro-modification of virgin watersheds that are developed
- Reduce polluted runoff by using pervious paving materials
- Protect groundwater recharge
- Reduce local flood risk
- Conserve landscape water use with drought tolerant plants/turf





One Water One Watershed Integration of Planning Beams







OWOW Steering Committee



Garry Brown -Environmental



Ali Sahabi -Development



Marion Ashley – Riverside Co.



Bill Campbell – Orange Co.



Josie Gonzales -San Bernardino



Ron Sullivan – SAWPA Chair



Wyatt Troxel – SAWPA Vice Chair



Ron Loveridge City of Riverside



Pat Morris – City of San Bernardino



Beth Krom – City of Irvine



Funding Projects



- Local Sources
 - Local initiatives, measures etc.
 - Proposition 218
- State Sources
 - Water, Resources and Park Bonds
- Federal Sources
 - Long process
 - Work within established program (WRDA)

