


Water Authority's Draft 2010 Urban Water Management Plan


IRWM Regional Advisory Committee
June 1, 2011



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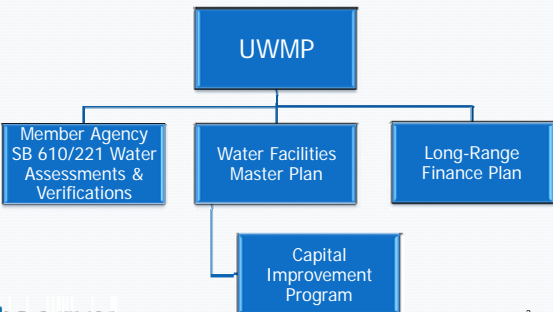
Importance of the Water Authority's 2010 Plan

- Mandated by State Water Code Section 10610-10656
 - Utilities serving Municipal & Industrial customers more than 3,000 AF annually or more than 3,000 service connections
 - Updated every 5 years
- Official Water Authority policy document on supply and demand management planning for the region
 - In 2030 Water Authority supplies will meet over 80% of the region's need for water
 - Information in regional UWMP critical to member agency plans
 - Critical linkage to other Board actions, CEQA compliance, and used by land use jurisdictions in development approvals




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Urban Water Management Plan Serves as Foundational Document



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graph TD; UWMP[UWMP] --- A[Member Agency SB 610/221 Water Assessments & Verifications]; UWMP --- B[Water Facilities Master Plan]; UWMP --- C[Long-Range Finance Plan]; B --- D[Capital Improvement Program]
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What's New for the 2010 Plan


- SBX 7-7 compliance: wholesale supplier compliance and water use efficiency target
- Integrated Regional Water Management linkage to 2010 Plan
- Multiple dry water year planning assumptions
- Scenario planning to deal with uncertainties



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Why They Are Important


- SBX 7-7 compliance
 - First ever state mandated limit on water demand
 - Future supply, financial and facility planning will be based on compliance
 - Links conservation and recycling as a single water use efficiency target
- Integrated Regional Water Management linkage to 2010 Plan
 - IRWM is quickly becoming the umbrella document for all water supply and water quality planning
 - Greater visibility to wider groups of stakeholders
 - Increasingly important to future funding
 - Linkage between water management plans and land use approvals will only strengthen



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Why They Are Important

- Multiple dry water year planning assumptions
 - Recent experience has shown MWD firm supplies less than expected
 - First Water Authority UWMP that shows shortages in multiple dry years
 - San Vicente Carryover and Central Valley groundwater storage needed to partially mitigate shortages
- Scenario planning to deal with uncertainties
 - State recognition of significant risk of water availability
 - Continued controversy over Bay-Delta Fix
 - Endangered Species Act limitations
 - OSA invalidation
 - MWD Rate Litigation
 - Local Projects implementation
 - Climate Change impacts



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2010 Plan Main Elements


Demand Forecast	Water Use Efficiency Target	Water Supplies	Water Resource Mix	Scenario Planning
Econometric Model utilizing SANDAG Regional Growth Forecast	Retail Compliance with SBX7-7: 20% savings by 2020	Water Authority and member agency verifiable supplies	Resource mix to meet demands in normal and dry water years	Process to manage supply uncertainties associated with resource mix

San Diego Regional Water Authority

2010 Plan - Integrated Regional Water Management

- Describes IRWM Planning
 - Integration of water supply, water quality and natural resources planning
- Linkage between IRWM Program and 2010 Plan
 - Supports projects that increase water supply reliability and improve water quality
 - IRWM funding for projects
 - Includes supply projects identified in 2010 Plan

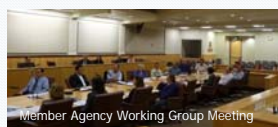
Figure 8-1
San Diego IRWM Planning Region



San Diego Regional Water Authority

2010 Plan Preparation: Coordinated Effort

- Prepared by Water Resources Department staff
 - Input from other departments (General Counsel, Finance, Public Affairs and MWD, Colorado River and Conservation Programs)
 - Consulting assistance from Hazen and Sawyer on demand forecast
- Coordinated effort with Water Authority member agencies
 - Member agency working group
 - Provided technical review and input into plan preparation
- Participated in MWD member agency working group



San Diego Regional Water Authority

Outreach for Public Review

- 140 copies of the public review draft 2010 Plan distributed on CD
- Posted draft 2010 Plan on Water Authority website:
<http://www.sdcwa.org/draft-2010-urban-water-management-plan>
- Email blast to 32 key stakeholders notifying them of availability of Plan for review on website
 - SD County Taxpayer's Association, BIOCUM, BIA, SD Regional Economic Development Corp., Surfrider Foundation, Sierra Club, etc.
- Press release with information on how to comment
 - Status update on Water Authority Facebook page

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Water Authority 2010 UWMP Remaining Schedule

Activity	Date
Draft 2010 UWMP distributed to Board & public for review and comment	May 6, 2011
Special WP Committee workshop	May 23, 2011
Public hearing on draft 2010 UWMP	May 26, 2011
Comments due on draft 2010 UWMP	Jun. 6, 2011
CWA Board adoption of 2010 UWMP	Jun. 23, 2011
Submit adopted 2010 UWMP to DWR	Jul. 23, 2011

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