


# 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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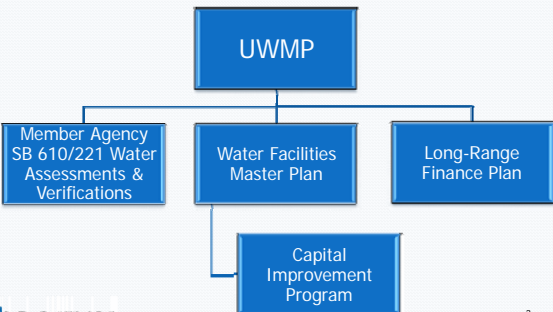
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## Urban Water Management Plan Serves as Foundational Document



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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 |

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### 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



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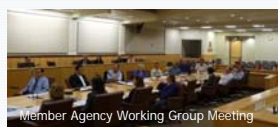
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### 2010 Plan Preparation: Coordinated Effort

- 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



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**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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