Water Authority’s Draft 2010 Urban Water Management Plan

IRWM Regional Advisory Committee
June 1, 2011

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

Urban Water Management Plan Serves as Foundational Document

UWMP

Member Agency SB 610/221 Water Assessments & Verifications

Water Facilities Master Plan

Long-Range Finance Plan

Capital Improvement Program
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

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

- 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
    - QSA invalidation
    - MWD Rate Litigation
    - Local Projects implementation
    - Climate Change impacts
2010 Plan Main Elements

- **Demand Forecast**
  - Economic Model Utilizing SANDAG Regional Growth Forecast

- **Water Use Efficiency Target**
  - Retail Compliance with G471-7, 20% savings by 2020

- **Water Supplies**
  - Water Authority and member agency verifiable supplies

- **Water Resource Mix**
  - Resource mix to meet demands in normal and dry water years

- **Scenario Planning**
  - 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
  - Includes supply projects identified in 2010 Plan

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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
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, BIOCOM, 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

Water Authority 2010 UWMP Remaining Schedule

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
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<tbody>
<tr>
<td>Draft 2010 UWMP distributed to Board &amp; public for review and comment</td>
<td>May 6, 2011</td>
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<tr>
<td>Special WP Committee workshop</td>
<td>May 23, 2011</td>
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<tr>
<td>Public hearing on draft 2010 UWMP</td>
<td>May 26, 2011</td>
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<tr>
<td>Comments due on draft 2010 UWMP</td>
<td>Jun. 6, 2011</td>
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<tr>
<td>CWA Board adoption of 2010 UWMP</td>
<td>Jun. 23, 2011</td>
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<tr>
<td>Submit adopted 2010 UWMP to DWR</td>
<td>Jul. 23, 2011</td>
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