Regional Report

South Coast Hydrologic Region

California Water Plan
Update 2009
Regional Workshop
March 6, 2008 – San Diego, CA
A SUMMARY OF THEMES SPECIFIC TO THE SOUTH COAST HYDROLOGIC REGION
(MWD Los Angeles 07/25/07)

– Addition of regulatory setting.
– IRWM/FloodSAFE
– Groundwater Management
– Conservation.
– Groundwater Contamination
– Recycled Water – Desalination, Gray Water, Stormwater
– Preparedness for Drought
# Population in Thousands

<table>
<thead>
<tr>
<th>COUNTY</th>
<th>2000</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>9,579</td>
<td>11,920</td>
</tr>
<tr>
<td>Orange</td>
<td>2,894</td>
<td>3,705</td>
</tr>
<tr>
<td>Riverside</td>
<td>1,559</td>
<td>3,507</td>
</tr>
<tr>
<td>San Bernardino</td>
<td>1,722</td>
<td>2,959</td>
</tr>
<tr>
<td>San Diego</td>
<td>2,836</td>
<td>3,951</td>
</tr>
<tr>
<td>Ventura</td>
<td>756</td>
<td>1,050</td>
</tr>
</tbody>
</table>
South Coast Region Dedicated Supply for 1998 through 2001

<table>
<thead>
<tr>
<th></th>
<th>1998</th>
<th>1999</th>
<th>2000</th>
<th>2001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dedicated Environ</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Reuse &amp; Recycle</td>
<td>492</td>
<td>267</td>
<td>258</td>
<td>337</td>
</tr>
<tr>
<td>Ground Water</td>
<td>1,632</td>
<td>1,730</td>
<td>1,873</td>
<td>1,862</td>
</tr>
<tr>
<td>State Project</td>
<td>688</td>
<td>739</td>
<td>1,300</td>
<td>959</td>
</tr>
<tr>
<td>Federal Projects</td>
<td>4</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Colorado Project</td>
<td>1,081</td>
<td>1,201</td>
<td>1,296</td>
<td>1,251</td>
</tr>
<tr>
<td>Local Projects</td>
<td>734</td>
<td>701</td>
<td>505</td>
<td>489</td>
</tr>
</tbody>
</table>
Balance Summary
South Coast Region Water

<table>
<thead>
<tr>
<th></th>
<th>1998</th>
<th>2000</th>
<th>2001</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Entering the Region</td>
<td>23,240</td>
<td>10,513</td>
<td>11,832</td>
</tr>
<tr>
<td>Water Leaving the Region</td>
<td>24,092</td>
<td>11,758</td>
<td>12,900</td>
</tr>
<tr>
<td>Storage Changes in the Region</td>
<td>-852</td>
<td>-1,245</td>
<td>-1,068</td>
</tr>
</tbody>
</table>
Regional Water Management Planning

- California Water Plan
- Integrated Regional Water Management Plans
- City & County General Plans (SB221/610)
- Court actions
- Other regional and sub-regional plans on water rights, water quality, ESA, contracts/transfers, and flood control
- Several regional, governmental, and water purveyors responding to planning, funding, implementation and O&M responsibilities
Accomplishments in South Coast Region

- Grant funding has been available under AB 303, Prop 13 and Prop 50
- MWD built Diamond Valley Lake
- San Diego County Water Authority completed Olivenhein Reservoir
- MWD, SDCWA IID and Coachella Valley Water District signed the Quantification Settlement Agreement
- Other accomplishments (we are looking for information)
Interregional Relationships

• Interstate and International Water Issues
  – Colorado River Water Supply Shortage
• Mono – Owens Issues
• Water Supply Agreements Between MWDSC and Other Agencies
• Quantification Settlement Agreement
South Coast Region
Looking to the Future

- Recycling
- Marketing
- Water Transfers
- Pricing
- Ocean Desalination
- Supply from Flood Control Reservoirs
- Interstate Groundwater Banking
Proposition 84
Integrated Regional Water Management Program
Los Angeles Sub-Region Funding Area
PROPOSITION 84
Integrated Regional Water Management Program
San Diego Funding Area
Questions?
Department of Water Resources
Southern District Contacts

Main Phone: (818) 500-1645

Mark Stuart
marks@water.ca.gov

Vern Knoop
vernk@water.ca.gov

Chang Lee
clee@water.ca.gov

Dave Inouye
davidi@water.ca.gov