Status of Implementation

• Water production data collected from June through December (7 months)
• Compliance action and assistance underway
• Emergency regulation set to expire in April 2015
Data Collection

- 411 Retail Urban Water Suppliers
- 386 provided December production numbers

Response Rate (# of Suppliers)

<table>
<thead>
<tr>
<th>Month</th>
<th>No Response</th>
<th>Response</th>
<th>Percent Reporting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jun-14</td>
<td>27</td>
<td>384</td>
<td>93%</td>
</tr>
<tr>
<td>Jul-14</td>
<td>7</td>
<td>404</td>
<td>98%</td>
</tr>
<tr>
<td>Aug-14</td>
<td>7</td>
<td>404</td>
<td>98%</td>
</tr>
<tr>
<td>Sep-14</td>
<td>3</td>
<td>408</td>
<td>99%</td>
</tr>
<tr>
<td>Oct-14</td>
<td>3</td>
<td>408</td>
<td>99%</td>
</tr>
<tr>
<td>Nov-14</td>
<td>10</td>
<td>401</td>
<td>98%</td>
</tr>
<tr>
<td>Dec-14</td>
<td>25</td>
<td>386</td>
<td>94%</td>
</tr>
</tbody>
</table>

Note: Some suppliers submit data after the reporting deadline because they do not receive it in time, these data will be reflected in the following reporting month.
Mandatory Restrictions on Outdoor Water Use

- Over 90% now implementing mandatory restrictions

Water Suppliers Implementing Mandatory Restrictions

<table>
<thead>
<tr>
<th>Month</th>
<th>No Mandatory Restrictions</th>
<th>Mandatory Restrictions</th>
<th>Compliance Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jun-14</td>
<td>267</td>
<td>70%</td>
<td></td>
</tr>
<tr>
<td>Jul-14</td>
<td>288</td>
<td>71%</td>
<td></td>
</tr>
<tr>
<td>Aug-14</td>
<td>327</td>
<td>81%</td>
<td></td>
</tr>
<tr>
<td>Sep-14</td>
<td>369</td>
<td>90%</td>
<td></td>
</tr>
<tr>
<td>Oct-14</td>
<td>370</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Nov-14</td>
<td>370</td>
<td>92%</td>
<td></td>
</tr>
<tr>
<td>Dec-14</td>
<td>364</td>
<td>94%</td>
<td></td>
</tr>
</tbody>
</table>

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

0 50 100 150 200 250 300 350 400 450
Statewide Water Conservation Results
Water Production June-December (Million Gallons)

Over 134 Billion Gallons Saved June 2014 – December 2014
Over 413,102 Acre-Feet Saved June 2014 – December 2014, enough to provide 1.8 million Californians with water for 1 year
Statewide Water Conservation Results
Water Production Percentage Reduction
(Compared to Previous Year)
December Water Production by Hydrologic Region and Percent Reduction (Million Gallons)

- Colorado River
- South Lahontan
- North Lahontan
- North Coast
- San Joaquin River
- Sacramento River
- San Francisco Bay
- South Coast
- Tulare Lake
- Central Coast

Production Dec 2013
Production Dec 2014
Percent Dec Reduction
State Average Dec 2014 Reduction (22.2%)
December Weather Conditions
(Select Cities)

Precipitation

Temperature

Data Source: U.S. Climate Data http://www.usclimatedata.com/
January 2015 is the driest for Sacramento on record

December 2014 Residential Gallons per Capita per Day

- Highest R-GPCD figures = 330
- Lowest R-GPCD figures = 33
- Average December 2014 R-GPCD = 67, down from 88 in November
- 55 GPCD is the performance standard for indoor use (78 suppliers representing about 9.5 million people are reporting less total use in December)
- High R-GPCD plus low percentage reduction raises questions about factors inhibiting conservation response
December 2014 Water Conservation Results

- December 2014 Average R-GPCD
- Percent Dec Reduction

Bar chart showing the December 2014 Average R-GPCD and Percent Dec Reduction for various regions.

Regions include:
- Colorado River
- South Lahontan
- North Lahontan
- North Coast
- San Joaquin River
- Sacramento River
- San Francisco Bay
- South Coast
- Tulare Lake
- Central Coast

Key values:
- Colorado River: 151, 6.7%
- South Lahontan: 81, 8.5%
- North Lahontan: 102, 14.2%
- North Coast: 60, 15.9%
- San Joaquin River: 74, 18.9%
- Sacramento River: 77, 21.4%
- San Francisco Bay: 53, 21.6%
- South Coast: 66, 23.2%
- Tulare Lake: 82, 27.4%
- Central Coast: 55, 29.1%
Statewide Monthly R-GPCD

- June 2014: 140
- July 2014: 109
- August 2014: 131
- September 2014: 124
- October 2014: 109
- November 2014: 88
- December 2014: 67
Noteworthy December 2014
South Coast Conservation Achievements

| • San Diego City of          | • California-American Water-San Diego          |
| • Eastern Municipal Water District | • Vallecitos Water District                   |
| • Oxnard City of             | • Chino Hills City of                        |
| • Oceanside City of          | • El Toro Water District                      |
| • California Water Service-Dominguez | • Camarillo City of                         |
| • Escondido City of          | • San Juan Capistrano City of                 |
| • Vista Irrigation District  | • Fallbrook Public Utility District           |
| • Valencia Water Company     | • Crescenta Valley Water District             |
| • San Buenaventura City of   | • Port Hueneme City of                        |
December 2014 R-GPCD by Population

- >55 R-GCPD, 9,544,871, 20%
- 55-75 R-GCPD, 16,844,937, 39%
- 75-100 R-GCPD, 6,206,370, 29%
- 100-150 R-GCPD, 1,354,088, 10%
- 150-200 R-GCPD, 98,250, 1%
- >200 R-GCPD, 282,992, 1%
Indoor VS. Outdoor Use Estimates

*Summary of DWR data by Pacific Institute
Annual Average 2001-2010
Residential Turf Removal Requests in Metropolitan Water District Service Area

Total ≈31 million Square Feet or 711 acres
Commercial Turf Removal Requests in Metropolitan Water District Service Area

Total ≈ 45 million Square Feet or 1,033 acres

Millions of Square Foot

2014

Jan 0.02
Feb 0.10
Mar 0.19
Apr 0.17
May 0.77
Jun 2.03
Jul 5.00
Aug 7.49
Sept 7.84
Oct 4.47
Nov 6.35
Dec 5.28

2015

Jan 5.61
Next Steps

• Continue working with suppliers to achieve compliance with emergency regulation
• Evaluate recommendations from December 17 workshop and written comments
• Present an Information Item at February 17-18 Board Meeting focused on potential options for next steps—Including:
  – Extending and/or augmenting current emergency regulation before April 2014 expiration date
  – Funding Opportunities
  – Focused/location specific use of other authorities