Emergency Conservation Regulation Update

Office of Research, Planning, and Performance

November 4, 2015
Status of Implementation

• Water production numbers collected from June 2014 through September 2015 (16 months)
• Fourth month with statewide goal to reduce total potable urban water use by 25 percent
• 389 (of 411) urban water suppliers submitted September production and enforcement numbers
• Enforcement actions taken based on June – September supplier compliance
Statewide, September 2015 was hotter and drier than September 2013

Data Source: U.S. Climate Data [http://www.usclimatedata.com]
September 2015 savings (53.8 billion gallons) is two times greater than September 2014 savings (23.1 billion gallons)
Statewide Water Conservation Results

Water Production Percentage Reduction (Compared to 2013)

September 2015 savings (53.8 billion gallons; 165,233 acre-feet) brings statewide cumulative savings to 28.1%
Cumulative Savings (June - September 2015)

- 777,739 acre-feet (253.4 billion gallons) of water saved
- This is 65% of savings goal
- Savings is enough to provide 3.9 million Californians with water for one year
September 2015 Residential Gallons per Capita per Day

- Average statewide September 2015 R-GPCD = 97
  - Lowest supplier R-GPCD = 38
  - Highest supplier R-GPCD = 359

- 19 suppliers report September R-GPCD less than 55
  - Suppliers represent 1.9 million people
  - 55 GPCD is the performance standard for indoor use
September R-GPCD Annual Trend by Hydrologic Region

<table>
<thead>
<tr>
<th>Hydrologic Region</th>
<th>Sep-13*</th>
<th>Sep-14</th>
<th>Sep-15</th>
<th>Annual Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Coast</td>
<td>106</td>
<td>89</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>Colorado River</td>
<td>195</td>
<td>182</td>
<td>184</td>
<td></td>
</tr>
<tr>
<td>North Coast</td>
<td>94</td>
<td>84</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>North Lahontan</td>
<td>134</td>
<td>127</td>
<td>114</td>
<td></td>
</tr>
<tr>
<td>Sacramento River</td>
<td>198</td>
<td>164</td>
<td>141</td>
<td></td>
</tr>
<tr>
<td>San Francisco Bay</td>
<td>99</td>
<td>84</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>San Joaquin River</td>
<td>176</td>
<td>158</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>South Coast</td>
<td>122</td>
<td>112</td>
<td>89</td>
<td></td>
</tr>
<tr>
<td>South Lahontan</td>
<td>173</td>
<td>158</td>
<td>127</td>
<td></td>
</tr>
<tr>
<td>Tulare Lake</td>
<td>202</td>
<td>179</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>Statewide</td>
<td>132</td>
<td>118</td>
<td>97</td>
<td></td>
</tr>
</tbody>
</table>

*Estimated based on September 2014 percent residential use and population
September 2015 R-GPCD and Conservation

<table>
<thead>
<tr>
<th>Region</th>
<th>September 2015 Average R-GPCD</th>
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<tbody>
<tr>
<td>North Lahontan</td>
<td>114</td>
</tr>
<tr>
<td>Colorado River</td>
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<td>Sacramento River</td>
<td>141</td>
</tr>
</tbody>
</table>

September 2015 Percent Reduction

New Water Conservation and R-GPCD
September 2015 R-GPCD and Conservation

North Lahontan: 114 (16.2%)
Colorado River: 184 (17.4%)
North Coast: 72 (18.6%)
San Francisco Bay: 72 (25.1%)
San Joaquin River: 125 (25.4%)
Tulare Lake: 150 (26.0%)
South Coast: 89 (26.5%)
Central Coast: 79 (26.7%)
South Lahontan: 127 (27.4%)
Sacramento River: 141 (28.3%)

September 2015 Average R-GPCD
September 2015 Percent Reduction
Suppliers with improved conservation enough to move into lower compliance priority between August and September.

- Elsinore Valley Municipal Water District
- Chino Hills, City of
- Patterson, City of
- California Water Service Company Dominguez
- Alco Water Service
- California Water Service Company Westlake
- Suburban Water Systems Whittier/La Mirada
- Brea, City of
- Corona, City of
- Vernon, City of
- Valley Water Company
- Rancho California Water District
15 suppliers still allow outdoor irrigation 7 days a week
Number of Suppliers Reporting by Compliance Priorities June – September 2015

<table>
<thead>
<tr>
<th>Reporting Month</th>
<th># of Reporting Suppliers</th>
<th>Greater than 15 percentage points from meeting standard</th>
<th>Between five and 15 percentage points from meeting standard</th>
<th>Between one and five percentage points from meeting standard</th>
<th>Met or within one percentage point from meeting standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 2015</td>
<td>272 (66%)</td>
<td>11 (3%)</td>
<td>72 (18%)</td>
<td>56 (14%)</td>
<td>0 Met or within one percentage point from meeting standard</td>
</tr>
<tr>
<td>July 2015</td>
<td>299 (73%)</td>
<td>5 (1%)</td>
<td>46 (11%)</td>
<td>61 (15%)</td>
<td>0 Met or within one percentage point from meeting standard</td>
</tr>
<tr>
<td>August 2015</td>
<td>295 (72%)</td>
<td>6 (1%)</td>
<td>53 (13%)</td>
<td>55 (13%)</td>
<td>0 Met or within one percentage point from meeting standard</td>
</tr>
<tr>
<td>September 2015</td>
<td>282 (72%)</td>
<td>6 (2%)</td>
<td>49 (13%)</td>
<td>52 (13%)</td>
<td>0 Met or within one percentage point from meeting standard</td>
</tr>
</tbody>
</table>

Legend:
- 1 Greater than 15 percentage points from meeting standard
- 2 Between five and 15 percentage points from meeting standard
- 3 Between one and five percentage points from meeting standard
- 0 Met or within one percentage point from meeting standard
Water Board Enforcement Actions Taken Since June 2015

Office of Enforcement has issued:

- 68 Warning Letters
- 99 Informational Orders
- 7 Alternative Compliance Orders
- 8 Conservation Orders
- 4 Administrative Civil Liability Complaints
Next Steps

• Additional enforcement actions

• Issue responses to remaining requests for Alternate Compliance Orders

• December 7 - public workshop on potential expansion of the emergency regulation

• Small supplier reports due December 15