

State Water Resources Control Board  
Order 6/17/2015

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Term 20 - Implementation of Conservation  
Regulatory Framework



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**Prepared by**

**Sonoma County Water Agency**

**404 Aviation Blvd**

**Santa Rosa, CA 95403**

## 1 Introduction

This report has been prepared by the Sonoma County Water Agency (Water Agency) to fulfill the requirements of Term 20 (a) Part B of the State Water Resources Control Board (State Board) Order dated June 17, 2015 (Order).

Term 20 of the Order directs the Water Agency to take the following actions:

SCWA shall submit evidence of compliance with any future regulatory framework implementing the conservation requirements of the Governor's April 1, 2015 executive Order (future regulatory framework) or a water demand reduction plan (Plan) for all customers that beneficially use water diverted and /or stored under these rights or customers otherwise subject to the temporary changes authorized by this order (excluding customers found on the De Minimus list provided by SCWA on April 29, 2015, whose diversions amount to less than one percent of SCWA's total water distributed), as follows:

- a. For SCWA customers that are subject to the future regulatory framework, SCWA shall submit written confirmation to the Deputy Director to demonstrate whether and how said customer is A) subject to the future regulatory framework and B) in compliance with all applicable conservation and reporting requirements therein. The written confirmation for part A shall be submitted within 2 weeks after the effective date of the future regulatory framework and updated within 2 weeks of any new such customer being added. The written confirmation for part B shall be submitted within 180 days of the date of order issuance.
- b. For SCWA customers that are not subject to the future regulatory framework, SCWA shall prepare a Plan to ensure these customers meet a water demand reduction of a minimum of 20% of baseline water demand. The Plan shall define baseline water demand as appropriate for SCWA's situation based on considerations such as weather, economy, wholesale supplier allocations or other relevant information. For the purpose of compliance with this term, if the Plan does not define baseline water demand, it is assumed to be the average water demand for the previous year (excluding drought years). The Plan shall be submitted within 2 weeks after the date of issuance of this order and updated within 2 weeks of any such new customer being added.

## 2 Water Agency Customers Subject to Regulatory Framework

The future regulatory framework referred to in the Order was issued by the State Water Resources Control Board in Resolution No. 2015-0032 (Resolution) on May 5, 2015 and went into effect on May 15, 2015. The Resolution set conservation standards for urban water suppliers (defined as having over 3,000 connections) based on the average residential per capita water use from July through September 2014. Table 1 shows the Water Agency Customers that are subject to the Resolution's conservation standards and the respective conservation goal for each Water Agency customer. According to the Resolution, these conservation standards are effective beginning June 1. The Water Agency and its customers

created the Sonoma-Marín Saving Water Partnership (Partnership), a regional program to identify and recommend implementation of water conservation projects and to maximize the cost-effective projects for the region. The Water Agency continues to work closely with the Water Agency Customers to implement a regional program and support the Partnership.

**Table 1: Water Agency Customers with Assigned Conservation Standard**

<b>Water Retailer</b>	<b>Conservation Standard</b>
City of Healdsburg	24%
Marin Municipal Water District	20%
North Marin Water District	24%
City of Petaluma	16%
City of Rohnert Park	16%
City of Santa Rosa	16%
City of Sonoma	28%
Valley of the Moon Water District	20%
Town of Windsor	16%

Furthermore, the Resolution requires each public water system that is not classified as an ‘urban water supplier’ (less than 3,000 connections) to either reduce water use by 25% compared to 2013 production or limit irrigation to 2 days per week. Table 2 contains the Water Agency Customers that have less than 3,000 connections and the actions they have taken to comply with the regulatory framework.

**Table 2: Water Agency Customers without an Assigned Conservation Standard**

<b>Water Retailer</b>	<b>Conservation Action</b>
California American - Larkfield	Irrigation Limitation
City of Cotati	Irrigation Limitation
Forestville Water District	Irrigation Limitation
Penngrove Water Company	25% Reduction

### 3 Compliance of Regulatory Framework

The Resolution requires monthly reporting from June 2015 through February 2016 to verify compliance with the conservation standard. Per the Emergency Conservation Regulation Fact Sheet dated July 7, 2015, the State Water Board will track compliance on a cumulative basis from June 2015 to February 2016. Table 3 demonstrates the cumulative saving achieved June 2015 through September 2015 for each Water Agency Customer and as a region, through the Partnership. As demonstrated below, each of the Water Agency Customers that has been assigned conservation goal is exceeding its savings requirement. The Partnership will continue collecting monthly data for the Water Agency Customers to ensure compliance with the regulatory framework.

**Table 3: Water Savings by Water Agency Customers with Assigned Conservation Standard**

Water Retailer	June to September 2015 (gallons)	June to September 2013 (gallons)	Water Savings	Assigned Conservation Standard
City of Healdsburg	217,998,859	305,906,676	29%	24%
Marin Municipal Water District	2,933,323,736	3,752,182,440	22%	20%
North Marin Water District	913,379,676	1,434,000,000	36%	24%
City of Petaluma	975,809,697	1,327,847,564	27%	16%
City of Rohnert Park	536,885,142	665,000,000	19%	16%
City of Santa Rosa	2,136,891,948	2,916,253,690	27%	16%
City of Sonoma	226,306,941	325,665,692	31%	28%
Valley of the Moon Water District	309,104,540	439,430,200	30%	20%
Town of Windsor	415,015,238	557,466,947	26%	16%
<b>Total</b>	<b>8,664,715,777</b>	<b>11,723,753,209</b>	<b>27%</b>	<b>19%</b>

In addition, the Water Agency Customers without an assigned conservation standard listed in Table 4 have reduced water use. Three of these Water Agency Customers opted to limit watering days to reduce demand and one selected a reduction target. Table 4 provides details on their 2013 water use as compared to 2015. As shown below the water savings achieved by Water Agency Customers without an assigned conservation standard align with those Water Agency Customers that have assigned conservation standards.

**Table 4: Water Savings by Water Agency Customers without an Assigned Conservation Standard**

<b>Water Retailer</b>	<b>June to September 2015 Production (gallons)</b>	<b>June to September 2013 Production (gallons)</b>	<b>Savings Relative to 2013</b>
California American Water- Larkfield	93,763,672	130,043,000	28%
City of Cotati	97,038,026	131,937,070	26%
Forestville Water District	53,679,684	60,791,349	12%
Penngrove Water Company	22,065,652	27,295,626	19%
<b>Total</b>	<b>266,547,033</b>	<b>350,067,045</b>	<b>21%</b>