

RULE 160 - REGULATORY PRODUCTION TARGETS AND PHYSICAL STORAGE TARGET

The monthly distribution of water production from sources within the Monterey Peninsula Water Resource System (MPWRS), as shown in Tables XV-1, XV-2, and XV-3 shall be approved by the Board of Directors as part of the Quarterly Water Supply Strategy and Budget process. The Board shall hold public hearings during the Board's regular meetings in September, December, March, and June, at which time the Board may modify Tables XV-1, XV-2, and XV-3 by Resolution.

The Physical Storage Target, as shown in Table XV-4 shall be approved as of May 1 each year by the Board of Directors. The Board shall hold a public hearing during the Board's regular meeting in May, at which time the Board may modify Table XV-4 by Resolution.

Rule added by Ordinance No. 92 (1/29/99); amended by Ordinance No. 119 (3/21/2005); Ordinance No. 134 (8/18/2008); Ordinance No. 135 (9/22/2008); Ordinance No. 137 (12/8/2008); Ordinance No. 142 (1/28/2010); deleted by Ordinance No. 169 (2/17/2016); Rule added by Ordinance No. 169 (2/17/2016)

**Table XV-1
Regulatory Water Production Targets
for All California American Water Systems from Sources
Within the Monterey Peninsula Water Resource System**

(All Values in Acre-Feet)

Month	Monthly Target	Year-to-Date at Month-End Target
October	976	976
November	810	1,786
December	715	2,501
January	805	3,306
February	692	3,998
March	800	4,798
April	862	5,660
May	953	6,613
June	968	7,581
July	1,034	8,615
August	1,042	9,657
September	952	10,609
TOTAL	10,609	--

Notes:

Monthly and year-to date at month-end production targets are based on the annual production limit specified for the California American Water (Cal-Am) systems for Water Year (WY) 2017 from Carmel River sources per State Water Resources Control Board Order WR 2016-0016 (8,310 acre-feet) and adjusted annual production limits specified for the Cal-Am satellite systems from its Coastal Subarea sources (2,251 acre-feet) and Laguna Seca Subarea sources (48 acre-feet) of the Seaside Groundwater Basin per the Seaside Basin Adjudication Decision. These values do not include consideration of any carryover credit in the Seaside Basin for WY 2017. This combined total (10,609 acre-feet) was distributed monthly based on Cal-Am's reported monthly average production for its main and satellite systems during the 2013 through 2015 period.

Table XV-1 amended by Resolution 2007-05 (5/21/2007); Ordinance No. 134 (8/18/2008); Ordinance No. 135 (9/22/2008); Ordinance No. 137 (12/8/2008); Resolution 2009-08 (6/15/2009); Resolution 2009-17 (12/14/2009); Resolution 2010-06 (5/17/2010); Resolution 2011-01 (1/27/2011); Resolution 2011-12 (9/19/2011); Resolution 2012-13 (9/17/2012); Resolution 2013-15 (9/16/2013); Resolution 2014-15 (9/15/2014); Resolution 2015-18 (9/21/2015); Resolution 2016-14 (9/19/2016)

Table XV-2
Regulatory Water Production Targets
for All California American Water Satellite Systems from Sources
Within the Monterey Peninsula Water Resource System

(All Values in Acre-Feet)

Month	Monthly Target	Year-to-Date at Month-End Target
October	5	5
November	3	8
December	3	11
January	3	14
February	3	17
March	3	20
April	4	24
May	4	28
June	5	33
July	5	38
August	5	43
September	5	48
TOTAL	48	--

Notes:

Monthly and year-to date at month-end production targets are based on the adjusted annual production limit specified for the California American Water (Cal-Am) satellite systems for Water Year 2017 from its sources in the Laguna Seca Subarea of the Seaside Groundwater Basin per the Seaside Basin Adjudication Decision. This Laguna Seca Subarea total (48 acre-feet) was distributed monthly based on Cal-Am's reported monthly average production for its satellite systems during the 2013 through 2015 period.

Table XV-2 added by Ordinance No. 135 (9/22/2008); amended by Ordinance No. 137 (12/8/2008); Resolution 2009-08 (6/15/2009); Resolution 2009-17 (12/14/2009); Resolution 2010-06 (5/17/2010); Resolution 2011-01 (1/27/2011); Resolution 2011-12 (9/19/2011); Resolution 2012-13 (9/17/2012); Resolution 2013-15 (9/16/2013); Resolution 2014-15 (9/15/2014); Resolution 2015-18 (9/21/2015); Resolution No. 2016-14 (9/19/2016)

**Table XV-3
Regulatory Water Production Targets
for California American Water Systems from Carmel River Sources
Within the Monterey Peninsula Water Resource System**

(All Values in Acre-Feet)

Month	Monthly Target	Year-to-Date at Month-End Target
October	764	764
November	634	1,399
December	561	1,960
January	632	2,591
February	541	3,133
March	627	3,760
April	675	4,435
May	747	5,182
June	758	5,940
July	810	6,749
August	816	7,565
September	745	8,310
TOTAL	8,310	---

Notes:

Monthly and year-to-date at month-end production targets are based on the annual production limit specified for California American Water (Cal-Am) for Water Year (WY) 2017 from its Carmel River system sources per State Water Resources Control Board Order WR 2016-0016 (8,310 acre-feet). This amount was distributed monthly based on Cal-Am's reported monthly average production for its Main system sources during the 2013 through 2015 period. These values incorporate consideration of the triennial reductions specified for the Cal-Am systems in the Seaside Basin Adjudication Decision, in setting the monthly maximum production targets from each source as part of the MPWMD Quarterly Water Supply Budget Strategy.

Table XV-3 added by Resolution 2014-15 (9/15/2014); amended by Resolution 2015-18 (9/21/2015); Resolution 2016-14 (9/19/2016)

**Table XV-4
Physical Storage Target
for the Monterey Peninsula Water Resource System
for the May-September 2016 and all WY 2017**

Producer	May-September Demand	Carryover Storage Needs for Next Year Demand	Total Storage Required on May 1
California American Water (Cal-Am)	6,387	11,712	18,099
<u>Non Cal-Am</u>	<u>1,946</u>	<u>3,046</u>	<u>4,992</u>
Total	8,333	14,758	23,091
			Total Storage Available on May 1
			29,170 ⁵

Notes:

1. The May-September period refers to the remainder of the current Water Year.
2. Carryover Storage refers to the volume of usable surface and Groundwater that is in storage at the end of the current Water Year and is projected to be available for use at the beginning of the following Water Year.
3. Total Storage refers to the combination of demand remaining from May 1 to the end of the current Water Year and Carryover Storage for the next Water Year that is required to avoid imposing various levels of water Rationing. The value in **bold type** represents the storage triggers that would be used for the system in Water Year 2016. The value is based on the production limits for California American Water (Cal-Am) from Carmel River sources (9,703 Acre-Feet in WY 2016 and 9,461 Acre-Feet in WY 2017) set by State Water Resources Control Board Order WR 2009-0060, the production limit for Cal-Am from the Seaside Groundwater Basin (2,251 Acre-Feet in WY 2016 and 2,251 Acre-Feet in WY 2017) set by the Court in its March 27, 2006 Adjudication Decision, and the production limit specified for non-Cal-Am users from the Monterey Peninsula Water Resource System set in the District's Water Allocation Program (Ordinance No. 87)
4. The rationing trigger is based on physical water availability and does not account for legal or environmental constraints on diversions from the Carmel River system.
5. May 1, 2016 System Storage = 29,170 Acre-Feet (24,040 Acre-Feet Carmel Valley Alluvial Aquifer; 3,460 Acre-Feet Seaside Groundwater Basin; 1,670 Acre-Feet Los Padres Reservoir); this is 93% of average and 77% of System Capacity (37,640 AF).

Table XV-4 added by Resolution 2014-07 (5/19/2014); amended by Resolution 2014-15 (9/15/2014); Resolution 2015-08 (5/18/2015); Ordinance No. 169 (2/17/2016); Resolution 2016-09 (5/16/2016)