

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	925	925
November	759	1,684
December	683	2,367
January	797	3,164
February	685	3,849
March	840	4,689
April	830	5,519
May	909	6,428
June	899	7,327
July	958	8,285
August	961	9,246
September	884	10,130
TOTAL	10,130	--

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) 2019 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 (1,820 acre-feet) and Laguna Seca Subarea sources (0 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 2018. The combined total (10,130 acre-feet) was distributed monthly based on Cal-Am's reported monthly average production for its main and satellite systems during the 2013 through 2016 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); Resolution 2017-15 (9/18/2017); Resolution 2018-19 (9/17/2018)

Table XV-2
Regulatory Water Production Targets
for 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	0	0
November	0	0
December	0	0
January	0	0
February	0	0
March	0	0
April	0	0
May	0	0
June	0	0
July	0	0
August	0	0
September	0	0
TOTAL	0	--

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 2019 from its sources in the Laguna Seca Subarea of the Seaside Groundwater Basin per the Seaside Basin Adjudication Decision. This Laguna Seca Subarea total (0 acre-feet) was distributed monthly based on Cal-Am's reported monthly average production for its satellite systems during the 2013 through 2016 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); Resolution 2017-15 (9/18/2017); Resolution 2018-19 (9/17/2018)

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	759	759
November	621	1,380
December	561	1,941
January	655	2,596
February	561	3,157
March	690	3,847
April	681	4,528
May	746	5,274
June	738	6,011
July	786	6,797
August	788	7,585
September	725	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) 2019 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 2016 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); Resolution 2017-15 (9/18/2017); Resolution 2018-19 (9/17/2018)

Table XV-4
Physical Storage Target
for the Monterey Peninsula Water Resource System
for the May-September 2018 and all WY 2019

Producer	May-September Demand	Carryover Storage Needs for Next Year Demand	Total Storage Required on May 1
California American Water (Cal-Am)	4,452	10,130	14,582
<u>Non Cal-Am</u>	<u>1,946</u>	<u>3,046</u>	<u>4,992</u>
Total	6,398	13,176	19,574
			Total Storage Available on May 1
			30,770 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 2018. The value is based on the production limits for California American Water (Cal-Am) from Carmel River sources (8,310 Acre-Feet in WY 2018 and WY 2019) set by State Water Resources Control Board Order WR 2016-0016, the production limit for Cal-Am from the Seaside Groundwater Basin (2,251 Acre-Feet in WY 2018 and 1,820 Acre-Feet in WY 2019) 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, 2018 System Storage = 30,770 Acre-Feet (26,670 Acre-Feet Carmel Valley Alluvial Aquifer; 2,430 Acre-Feet Seaside Groundwater Basin; 1,670 Acre-Feet Los Padres Reservoir); this is 96% of average and 82% 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); Resolution 2017-08 (5/15/2017); Resolution 2018-09 (5/21/2018)