



This meeting is not subject to Brown Act noticing requirements. The agenda is subject to change.

<p>Water Demand Committee Members: <i>Kristi Markey, Chair</i> <i>Brenda Lewis</i> <i>Jeanne Byrne</i></p> <p>Alternate: <i>Andrew Clarke</i></p> <p>Staff Contact <i>David J. Stoldt</i> <i>Stephanie Locke</i> <i>Arlene Tavani</i></p> <p><i>After staff reports have been distributed, if additional documents are produced by the District and provided to the Committee regarding any item on the agenda, they will be made available at 5 Harris Court, Building G, Monterey, CA during normal business hours. In addition, such documents may be posted on the District website at www.mpwmd.net. Documents distributed at the meeting will be made available in the same manner.</i></p>	<p style="text-align: center;">AGENDA Water Demand Committee Of the Monterey Peninsula Water Management District *****</p> <p style="text-align: center;">Tuesday, March 17, 2015, 4 pm District Conference Room, 5 Harris Court, Building G, Monterey, CA</p> <p>Call to Order</p> <p>Comments from Public <i>The public may comment on any item within the District's jurisdiction. Please limit your comments to three minutes in length.</i></p> <p>Action Items -- Public comment will be received on all Action Items</p> <p>1. <u>Consider Adoption of February 12, 2015 Committee Meeting Minutes</u></p> <p>Discussion Items -- Public comment will be received on all Discussion Items</p> <p>2. <u>Review the 2015-2017 General Rate Case Rebate Program</u></p> <p>3. <u>Discuss Amendments to Expanded Water Conservation and Standby Rationing Plan</u></p> <p>Other Items</p> <p>Set Next Meeting Date</p> <p>Adjournment</p>
---	--

Upon request, MPWMD will make a reasonable effort to provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. MPWMD will also make a reasonable effort to provide translation services upon request. Please send a description of the requested materials and preferred alternative format or auxiliary aid or service by 5 PM on March 13, 2015. Requests should be sent to the Board Secretary, MPWMD, P.O. Box 85, Monterey, CA, 93942. You may also fax your request to the Administrative Services Division at 831-644-9560, or call 831-658-5600.

WATER DEMAND COMMITTEE

ITEM: ACTION ITEM

1. ADOPT MINUTES OF FEBRUARY 12, 2015 COMMITTEE MEETING

Meeting Date: March 17, 2015

**From: David J. Stoldt,
 General Manager**

Prepared By: Arlene Tavani

SUMMARY: Attached as **Exhibit [1-A](#)** are draft minutes of the February 12, 2015 Water Demand Committee meetings.

RECOMMENDATION: The Committee should adopt the minutes by motion.

EXHIBIT

[1-A](#) Draft Minutes of the February 12, 2015 Water Demand Committee Meeting



EXHIBIT 1-A

DRAFT MINUTES Water Demand Committee of the Monterey Peninsula Water Management District *February 12, 2015*

Call to Order

The meeting was called to order at 2:05 pm in the MPWMD conference room.

Committee members present: Kristi Markey, Chair
Jeanne Byrne
Brenda Lewis

Staff members present: David J. Stoldt, General Manager
Stephanie Locke, Water Demand Division Manager
Arlene Tavani, Executive Assistant

District Counsel present: David C. Laredo

Comments from the Public: No comments.

Action Items

1. **Consider Adoption of January 20, 2015 Committee Meeting Minutes**
On a motion by Byrne and second of Lewis, the committee approved the January 20, 2015 minutes on a vote of 3 – 0 by Byrne, Lewis and Markey.
2. **Develop Recommendation to the Board regarding First Reading of Ordinance No. 163, Replacing Urgency Ordinance No. 159, Regarding Rebate Program Amendments and Amendments to the Expanded Water Conservation and Standby Rationing Plan (Regulation XV)**
Byrne offered a motion to submit the first reading of Ordinance No. 163 for Board consideration, but to list the rebate amounts on a table, and specify that any future changes to the table would be approved by resolution of the Board. Lewis seconded the motion, and it was approved on a vote of 3 – 0 by Byrne, Lewis and Markey.

There was no public comment on this item. Comments made by the committee members were as follows. (1) The rebate for a clothes washer should be retained. (2) Should discuss what level of water reductions should be achieved by rebates, especially if California-American Water advocates for reducing rebates because the commercial rebate program deadline has passed. (3) The amount of funds available for residential rebates should not be reduced even if commercial retrofits have been accomplished. (4) Concern that adopting a resolution when rebate amounts change will not give the public enough notice of the proposed changes.

- 3. Develop Recommendation to the Board on First Reading of Ordinance No. 164 Establishing Water Permit Requirements for Outdoor Seating at Restaurants**
Byrne offered a motion to recommend that the Board of Directors adopt Ordinance No. 164 with the following clarifications: (1) Modify the definition of Exterior Restaurant Seat to read “located in an area that is in or exposed to the open air...” (2) Revise Rule 20-B-5 to read, “an unenclosed structure that does not result in an Intensification of Use as the result of added exterior Restaurant seats not exceeding 50% of permitted interior restaurant seats...” Staff may modify further. (3) Rule 20-B should precede the Rule 20-B-5 language in the ordinance. (4) The committee members agreed that the 0.01 AF factor per exterior restaurant seat was appropriate. (5) The water permit issued for outdoor seating should contain a statement that no water credit will be issued or accrued for outdoor seating in place before the effective date of the ordinance. The motion was seconded by Lewis and approved on a vote of 3 – 0 by Byrne, Lewis and Markey.

Public comment: (1) **John Narigi**, representing the Coalition of Peninsula Businesses, stated that the ordinance is not needed. (2) **Sam Teel** stated that the Board of Directors should have contacted the hospitality industry earlier in the process, with a focus on the importance of developing new rules due to concerns about implementation of the Cease and Desist order.

Other Items

Set Next Meeting Date

The next meeting was scheduled for March 9, 2015 at 2:30 pm.

Adjournment

The meeting was adjourned at 3 pm.

U:\staff\Board_Committees\WaterDemand\2015\20150317\01\Item 1_Exhibit 1-A.docx

WATER DEMAND COMMITTEE

ITEM: DISCUSSION ITEM

2. REVIEW THE 2015-2017 GENERAL RATE CASE REBATE PROGRAM

Meeting Date: March 17, 2015 Budgeted: N/A

From: David J. Stoldt,
General Manager Program/
Line Item No.: N/A

Prepared By: Stephanie Locke Cost Estimate: N/A

General Counsel Review: N/A

Committee Recommendation: N/A

CEQA Compliance: N/A

SUMMARY: The pending General Rate Case (2015-2017 GRC) for California American Water (Cal-Am) includes funding for the Cal-Am/MPWMD Rebate Program, as well as funding for other conservation programs. For the three-year 2015-2017 GRC, the rebate fund will be \$1.6 million. This amount is about \$750,000 less than was spent in the last three-year funding period. During the 2012-2014 GRC, Cal-Am had the ability to request up to an additional \$250,000 if needed. As it was, the program exceeded the initial \$2.1 million for rebates and Cal-Am received an additional \$125,000 to cover rebates processed through December 2014. The additional funding mechanism will not be available during the 2015-2017 GRC because the Office of Ratepayer Advocates did not support it.

The amount of funding requested for the 2015-2017 GRC Rebate Program was determined by District staff in collaboration with Cal-Am before the application was filed in 2013. The reduced request reflects Cal-Am's and the CPUC's desire to rein in costs of the program. In preparing funding requests for the 2015-2017 GRC, staff reviewed the cost-effectiveness of the devices for which rebates are offered and reviewed MPWMD's rules and regulations to identify rebates that should be modified in the future or that would be mandated by MPWMD. This analysis included consideration for the level of expected participation during the 2015-2017 GRC. The reduction in the budget for the next three-year funding cycle is consistent with the implementation of Non-Residential water efficiency retrofits required as of January 1, 2014, along with a reduction in High Efficiency Washing Machine rebates in the later years of the GRC as a result of expected market saturation. The 2015-2017 GRC Rebate estimates are shown as **Exhibit 2-A**.

As part of ongoing planning for the joint conservation program, District staff and Cal-Am staff reviewed the Rebates during a meeting in early February 2015. Staff recommends that several of the Rebate amounts be changed to both extend the number of Rebates available (in the case of High Efficiency Clothes Washers) and to increase the amount of the Rebate as further incentive for Non-Residential Users to undertake costly retrofits. Staff suggests the Water Demand Committee consider the following adjustments (**Exhibit 2-B**):

- Combine the rebate for "replacement of an Ultra-Low Flush Toilet with a High Efficiency Toilet" with "High Efficiency Toilet" and reduce the rebate from \$200 to \$100
- Reduce the rebate for "Ultra High Efficiency Toilet" from \$350 to \$200
- Reduce the rebate for "High Efficiency Clothes Washer" (Residential) from \$500 to \$350 in 2016
- Reduce the rebate for "Zero Water Consumption Urinal" from \$300 to \$250
- Reduce the rebate for "Pint Urinal" from \$300 to \$250
- Increase the rebates for "High Efficiency Commercial Dishwasher" by \$500
- Add \$2,500 rebate for "Water Efficient Commercial Steam or Combi Oven"
- Add \$1,000 rebate for "Commercial Ozone Laundry System"
- Add \$5,000 rebate for "Commercial Waterless Wok Stove"

RECOMMENDATION: The Committee should recommend modifications, if any, to the rebate program.

EXHIBITS

[2-A](#) 2015-2017 GRC Rebate Estimate Spreadsheet

[2-B](#) Proposed Amendments to Rebates

U:\staff\Board_Committees\WaterDemand\2015\20150317\02\Item 2.docx

EXHIBIT 2-A

REBATE PROGRAM BUDGET 2015-2017 -- Updated 3/1/13

Item	CY 2015	CY 2016	CY 2017	Amount of Rebate	Life Time of Retrofit (Years)	Annual Savings Per Retrofit (AF)	Projected GRC Savings (3 year) in AF	Life Savings of all retrofits by item in AF	Cost/AF	Notes
High Efficiency Dishwasher	2,500.00	2,500.00	2,500.00	125.00	9	0.005				
High Efficiency Toilets (HET)	60,000.00	60,000.00	60,000.00	200.00	25	0.030	55	686	262.55	Plan for 300 HET per year
Flapper Replacement	4,500.00	4,500.00	4,500.00	15.00	5					Provide 300 per year. Reduce leaks
ULF to HET	15,000.00	15,000.00	15,000.00	50.00	25	0.002	3	36	1,250.00	Plan for 300 ULF to HET
Residential High Efficiency Clothes Washer (HECW)	350,000.00	175,000.00	35,000.00	350.00	10	0.024	99	385	1,453.49	Plan for 1,000 HECW in 2015, 500 in 2016 and 100 in 2017. CII retrofit requirement by 2013. Reduce rebate to \$350 during Year 2.
Commercial High Efficiency Clothes Washer (HECW)				0.00	10	0.090	0			Required -- NO REBATE after 2013
CII HECW Ozone System	20,000.00	20,000.00	20,000.00	2,000.00	10	0.400	24	40	1,500.00	Rebate replaces CII washer rebate. Estimate of 10 systems per year
IAHWs and on-demand systems	3,750.00	3,750.00	3,750.00	150.00	10	0.005	1	4	3,000.00	Reduce to \$150 per hot water system. Estimate 25 per year
Zero Water Urinals	4,500.00	4,500.00	4,500.00	150.00	15	0.020	4	9	1,500.75	In appropriate settings. Estimate 30 per year
High Efficiency Urinals (0.5 gpf)	0.00	0.00	0.00	0.00	15	0.015				Required - NO REBATE after 2013
Pint Urinals	0.00	0.00	0.00	0.00	15	0.002				Eliminate rebate due to insufficient savings/cost per AF
Rainwater storage	127,500.00	127,500.00	127,500.00	6,375.00	20	0.080	10	144	2,656.25	Maximum rebate is \$6,375 for 25,000 gallons (0.08 AF). Assume 20 per year
Smart Controllers	7,500.00	7,500.00	7,500.00	300.00	10		0			\$100 for Up to 4 stations, Plus \$10/station up to 20 Goal: 20 Smart Controllers annually
Rain Sensors	0.00	0.00	0.00	0.00	10		0			REQUIRED NO REBATE Current Change of Title/New construction requirement. Recommend continuing direct install program for non-required sites
Soil Moisture Sensors	625.00	625.00	625.00	25.00	10		0			Goal: 25 per year. Savings not quantifiable: Varies by site.

EXHIBIT 2-A

Item	CY 2015	CY 2016	CY 2017	Amount of Rebate	Life Time of Retrofit (Years)	Annual Savings Per Retrofit (AF)	Projected GRC Savings (3 year) in AF	Life Savings of all retrofits in item in AF	Cost/AF	Notes
Lawn Removal & Replacement with Drought Tolerant or Permeable	25,000.00	25,000.00	25,000.00	1.00	15	0.085	5	38	1,960.78	Up to 2,500 sf -- DEED RESTRICTED for 15 years. Goal: 10 permanent removals of maximum square footage per year. Savings vary depending on amount of lawn above 2,500 sf removed.
X-Ray recirculation	12,500.00	12,500.00	12,500.00	2,500.00	10	2.378	71	357	105.13	The average processor uses 788,400 gallons of water per year. With this recirculation system, reduction to 13,530 gallons per year, which lowers water and sewage costs. Goal: 5 per year
Cooling tower conductivity controller	5,000.00	5,000.00	5,000.00	1,000.00	5	1.032	31	77	193.75	Split between pH controller and this. Goal: 5 per year
pH/conductivity controllers	9,500.00	9,500.00	9,500.00	2,500.00	5	3.982	91	227	125.58	To be added in 2010. Split between conductivity controller. Goal: 5 per year
Medical Equipment Steam sterilizer retrofit --	6,000.00	6,000.00	6,000.00	2,000.00	20	1.538	28	277	65.02	Most steam sterilizers waste gallons of water by using continuous cold water to temper the steam condensate. The Steam Sterilizer retrofit (i.e. tempering device) monitors the drain temperature and applies cold water only when needed, resulting in tremendous water savings (at least 75%). In fact, the average savings with a Steam Sterilizer retrofit installed is approximately 45-50 gallons per hour per sterilizer (another estimate by MWD is 1-5 gpm) with a potential cost savings of \$2,500 per sterilizer per year. Goal: 3 per year
Steam oven (Combi)	7,500.00	7,500.00	7,500.00	2,500.00	12	0.400	7	43	520.83	Estimated savings 0.4 AFA/10 yr = 4 AF. Misting oven. Max 15 gph (To be added in 2010). Goal: 5 per year

EXHIBIT 2-A

Item	CY 2015	CY 2016	CY 2017	Amount of Rebate	Life Time of Retrofit (Years)	Annual Savings Per Retrofit (AF)	Projected GRC Savings (3 year) in AF	Life Savings of all retrofits in AF	Cost/AF	Notes
Boilerless/connectionless food steamers (per compartment)	7,500.00	7,500.00	7,500.00	1,500.00	10	0.250	8	38	600.00	Based on data from a study done by the Food Service Technology Center, the connectionless steamers save an average of 81,500 gallons per year with an estimated 10-year life. Rebates are available for qualifying connectionless food steamers, with more than ten manufacturers offering water-efficient models. REBATE is per steam compartment (to be added in 2010). Goal: 5 per year
Water Efficient Ice Machine	0.00	0.00	0.00	0.00	10	0.835				Required for Visitor Serving in 2013
Dry vacuum pumps - Retrofit or new construction per REBATE per 0.5 HP to 4 HP	6,000.00	6,000.00	6,000.00	200.00	7	0.640	115	403	44.64	Liquid ring vacuum pumps use large quantities of water as a liquid seal to create the vacuum. Dry vacuum pumps create vacuum and avoid the use of water as a sealant by using parts which are machined with extremely close tolerances. REBATE: \$200 per 0.5 hp up to 5 hp. Goal: 10 per year
nozzles	4,000.00	4,000.00	4,000.00	4.00			0	0		Goal: 1000 per year
Waterless Wok	10,000.00	10,000.00	10,000.00	5,000.00	10	1.600	19	96	312.50	Savings of up to 1.6 AFA. Goal: 2 per year
3-Way valves	500.00	500.00	500.00	25.00	10					Graywater valve. Cost approximately \$50. Goal: 10 per year
Water Broom	300.00	300.00	300.00	150.00	5	0.153	2	5	195.57	Goal: 2 per year
Commercial Dishwasher - Med Size Food Service	5,000.00	5,000.00	5,000.00	2,500.00	20	0.200	2	24	625.00	Water usage across commercial dishwasher classes does not appear to be directly related to the size of the machine and varies from 0.33 Gallons Per Rack
Commercial Dishwasher -- Large size food service	5,000.00	5,000.00	5,000.00	4,000.00	20	0.369	3	28	542.01	Water usage across commercial dishwasher classes does not appear to be directly related to the size of the machine and varies from 0.33 Gallons Per Rack (GPR) to 20+ GPR (1.2 L to 75.7 L). A typical commercial dishwasher consumes approximately 4 GPR (15.1 L).
Rebate Total	699,675.00	524,675.00	384,675.00	3-Year Total: \$1,609,025			576	2,916		

EXHIBIT 2-B

2015 Rebate Amounts

	Current	Staff Proposal
High Efficiency Toilet (per toilet)	\$200.00	\$100.00
Ultra High Efficiency Toilet	\$250.00	\$150.00
Replacement of an Ultra-Low Flush Toilet with a High Efficiency Toilet	\$50.00	\$100.00
High Efficiency Dishwasher	\$125.00	No Change
High Efficiency Clothes Washer in a Residential use	\$500.00	\$350.00
Instant-Access Hot Water System (per Qualifying Property)	\$200.00	No Change
On-demand pump or point of source water heater as part of an Instant-Access Hot Water System (per component, to a maximum of two components per Qualifying Property)	\$100.00	No Change
Zero Water Consumption Urinal	\$300.00	\$250.00
Smart Controller	\$100 for up to four stations. An additional \$10 shall be available per station up to twenty (20) stations	No Change
Soil Moisture Sensor(s) on a conventional automatic Irrigation SystemGypsum block Soil Moisture Sensors shall not qualify for Rebate.	\$25.00	No Change
Cistern water tanks installed on Sites supplied with water from the Monterey Peninsula Water Resource System (per Qualifying Property)	\$50 per 100 gallons for the first 500 gallons and \$25 per 100 gallons of water storage capacity to a maximum storage capacity of 25,000 gallons	No Change
Lawn removal and replacement with low water use plants or permeable surfaces (per Qualifying Property)	\$1.00 per square-foot to a maximum of 2,500 square-feet	No Change
High Efficiency Urinal in a Residential Use	\$200.00	No Change
Pint Urinal	\$300.00	\$250.00
Rotating Sprinkler Nozzle (minimum purchase and installation of ten)	\$4.00	No Change
Water Broom	\$150.00	No Change
Commercial High Efficiency Clothes Washer at a Residential Site. <i>A Multi-Family Residential Qualifying Property with a Common Laundry Room shall be considered a Non-Residential use.</i>	\$1,000.00	No Change
Cooling Tower Conductivity Controller	\$1,000.00	No Change
CEE Tier II Water Efficient Ice Machine	\$500.00	No Change
X-ray film processor recirculation system	\$2,500.00	No Change
Cooling Tower Conductivity/pH Controller	\$2,500.00	No Change
Dry Vacuum Pumps (per 0.05 HP to a limit of 4 HP)	\$200.00	No Change
High Efficiency Connectionless Food Steamer (per compartment)	\$1,500.00	No Change
High Efficiency Commercial Dishwasher		No Change
a. \$500 for an under counter model	\$500.00	\$1,000.00

EXHIBIT 2-B

b. \$1,000 for a single tank door type model	\$1,000.00	\$1,500.00
c. \$1,500 for a single tank conveyor	\$1,500.00	\$2,000.00
d. \$2,000 for a multi-tank conveyor	\$2,000.00	\$2,500.00
Graywater Irrigation System supplied by one Clothes Washer for irrigation	\$100.00	No Change
Graywater Irrigation System supplied by one or more Bathrooms that have a Bathtub/Shower connected to a Graywater Irrigation System. Residential limit: 4.	\$100.00	No Change
Non-Residential Graywater Irrigation System	Inquire	No Change
Medical equipment steam sterilizer retrofit with a water tempering device	\$1,500.00	No Change
Water efficient commercial steam or combi oven		\$2,500.00
Commercial ozone laundry system		\$1,000.00
Commercial waterless wok stove		\$5,000.00

WATER DEMAND COMMITTEE

ITEM: DISCUSSION ITEM

3. DISCUSS AMENDMENTS TO EXPANDED WATER CONSERVATION AND STANDBY RATIONING PLAN

Meeting Date: March 17, 2015 Budgeted: N/A

From: David J. Stoldt, General Manager Program/Line Item No.: N/A

Prepared By: Stephanie Locke Cost Estimate: N/A

General Counsel Review: N/A

Committee Recommendation: N/A

CEQA Compliance: N/A

SUMMARY: District and California American Water (Cal-Am) staff have begun discussions about modifications to the Expanded Water Conservation and Standby Rationing Plan (MPWMD Regulation XV) to address compliance with the SWRCB Cease and Desist Order and droughts and other emergencies. An outline of concepts and discussion topics is attached as **Exhibit [3-A](#)**. A summary of drought response actions throughout California is attached as **Exhibit [3-B](#)**.

RECOMMENDATION: The Committee should discuss concepts and provide direction to staff.

EXHIBIT

[3-A](#) Concept and Discussion Topics

[3-B](#) Drought Responses Throughout California

EXHIBIT 3-A

CONCEPTUAL RATIONING PLAN FOR DISCUSSION

Water Demand Committee Discussion Item

March 17, 2015

Stage 1: Prohibition on Water Waste

Ongoing Water Waste Rules, including new State requirements (e.g. prohibition on irrigation for up to 48 hours after the completion of measurable precipitation, and notification to customer of leaks on the customer's side of the meter)

Stage 2: Voluntary Reduction

Call for additional voluntary conservation of a defined percentage. Utilize increased public outreach and stepped up enforcement of water waste

Stage 3: Conservation Rates

Two-stage conservation rates to reduce upper-tier usage

Stage 4: Rationing

Initial residential household rations, restrictions on nonessential Non-Residential outdoor irrigation (commercial rate divisions 1, 3, and 4). Board determines level of rationing (percentage reduction) needed. Non-Residential restrictions added if initial actions do not meet goals.

-

Discussion Items

Regulatory triggers: Keep existing targets? Or 12-month rolling compared to budget?

Emergency Rate implementation timing requires at least 2 months (30 day noticing and time until first full bill)

Physical Storage triggers: Include Feb to May review of actual groundwater levels? 17 month sufficient?

How to get out of a stage?

Get rid of "bank"

How to determine a ration

U:\staff\Board_Committees\WaterDemand\2015\20150317\03\Item 3_Exhibit 3-A.docx

EXHIBIT 3-B

DROUGHT RESPONSE (INTERESTING PROGRAMS)

Stinson Beach County Water District

Mandatory Restrictions

Aug. 16: Prohibitions include the application of potable water to any driveway or sidewalk; run-off; washing a vehicle without a shut-off nozzle; using potable water in a fountain or decorative water feature, unless the water is recirculated. Violation of these new regulations can result in a \$500 fine. The District has chosen Wednesdays and Sundays as the two (2) days per week that watering will be allowed. Aug. 18: Water rationing -- a 125-gallon-a-day cap on each home takes effect. While year-rounders with four or more residents per household can get increased allotments -- as much as 185 gallons a day -- vacation rentals, some of which host 10 guests at a time, cannot.

City of Paso Robles

Mandatory Restrictions

Level 2 condition means that a 20% reduction in overall city water demand is needed to ensure adequate water supplies are available to meet anticipated summer water demands. Mandatory outdoor water restrictions are in effect beginning May 1, 2014 through Sept. 30, 2014. Customers are required to limit watering to 3-days per week, avoiding the hours between 9 a.m. and 7 p.m. Watering schedule restrictions are voluntary from October 1 through April 30. Prohibition on excessive water runoff; car washing allowed only with a bucket and hose shutoff nozzle; prohibition on washing down paved surfaces, except under certain conditions

Los Osos Community Services District

Mandatory Restrictions

All irrigation shall occur only between dusk and dawn, two days per week, 15 minutes per station; no washing of paved surfaces; the use of non-drinking-water fountains, except for those using recirculated water, shall be prohibited; no run-off. Vehicles may only be washed with an automatic shut-off hose nozzle and do not allow water to run off their property. Residential and Multifamily Household Allocation 174 (gal/day).

Cambria Community Services District

Mandatory Restrictions

Water Rationing, March 1: Each permanent residence will be allotted two units of water per month, or four per the two-month billing cycle (one unit is 748 gallons, or 100 cubic feet). Permanent residents can apply for additional unit allotments. If a dwelling exceeds the allotment, a 500 percent surcharge will apply for the first violation, a 1,000 percent surcharge for the second, and further violations will be subject to discontinuance. Commercial users will be required to reduce use to 80 percent of their 12-month average.

City of Pismo Beach

Mandatory Restrictions

July 1: the Pismo Beach City Council declared a citywide Severely Restricted Water Supply Condition. No run-off; outdoor water use for boats, buildings or other similar uses shall be attended and have shutoff nozzles; no water shall be used for cleaning driveways, patios, parking lots, sidewalks, streets, or other such uses except by the city contracted street sweeper, or as found necessary by the city to protect the public health or safety; outdoor irrigation is prohibited between the hours of 10 a.m. and 4 p.m.; customers are directed to use no more water than necessary to maintain landscaping; restaurants shall serve drinking water only in response to a specific request by a customer; use of potable water for compaction or dust control purposes in construction activities is prohibited.

City of Solvang

Mandatory Restrictions

To avoid added fees, irrigation customers will have to cut back 40 percent of what they used in 2013. Businesses and people who live in multi-family homes will have to cut back 15 percent of what they used last year. Single-family homes have a three tier cut back plan. Under this set up, fines will double if a household uses 11 to 16 units of water, and they will triple if 17 to 20 units of water is used

Goleta Water District

Mandatory Restrictions

September 9, 2014 declared a Stage II Water Shortage. Hoses used for any purpose must be equipped with a shut-off nozzle. No washing of hardpaved surfaces or buildings. Vehicles and boats may only be washed at commercial car washing facilities or with a hose equipped with a shut-off nozzle. Use of water in outdoor fountains, reflection ponds, and decorative water features is prohibited unless located on a residential property or home to aquatic life. Outdoor landscape irrigation is limited to no more than two times per week between 4 p.m. and 10 a.m., no more than two days per week. Restaurants may only serve water if specifically requested by the patron. Repeated violations will be penalized with fines ranging from \$100 up to \$500.

Montecito Water District

Mandatory Restrictions

Cessation of all new water service accounts, or increase in size of existing water meter accounts; scheduled irrigation; no draining and refilling of pools; water upon request in restaurants; hotels offer no fresh linen service. Penalties imposed for violations. To avoid assessment of penalties, please limit all outdoor watering

City of Santa Barbara

Drought Emergency / Water Shortage Declared

A Stage Two Drought was declared by the Santa Barbara City Council May 20, 2014.

Hoses must have automatic shut-off nozzles; irrigation is limited to between the hours of 6 p.m. and 8 a.m. Cars and boats must be washed at commercial facilities that recycle the water, or by hose with shut-off nozzle. The use of water in ornamental water features and fountains is prohibited except: if located indoors or on residential properties; for fountains that have a total water surface area less than or equal to 25 ft.²; or as of May 20, 2014 are home to aquatic life. Pools and spas must be equipped with a cover when not in use. No draining or refilling of pools by more than one third, unless authorized. Drought notices required in restaurants and hotels; water served on request only.

City of Santa Monica

Drought Emergency / Water Shortage Declared

Aug. 15: Stage 2 Water Shortage. Beginning in October - Mandatory restrictions would require a 20% reduction in water use. Each water customer would be given a customized water budget allocating a certain amount of water to use each billing period. Water budgets are based on 2013 usage, so it's important to start implementing conservation measures now. Fines would be charged for exceeding your water budget

Tuolumne Utilities District

Mandatory Restrictions

Jan. 28 Drought Emergency Declared with Mandatory Restrictions: Excessive water usage is prohibited.

The District has determined that a 50% reduction is necessary by all of our customers to get through this water shortage. Any customer that does not reduce their water use compared to the same month last year by 25% could face fines. Limit or stop all outside watering. No lawn watering. Violators face a fine of up to \$500 after failing to heed warnings. No washing vehicles, boats, trailers, equipment, or other vehicles. Also no washing of sidewalks, walkways

or driveways by hose or faucet connected to the public water supply.

City of Rio Dell

Mandatory Restrictions

Rio Dell residents will face an initial 50 percent increase in their water bills — followed by steeper penalties if they use more than the allotted 50 gallons a day per person during the water shortage.

City of Willits

Mandatory Restrictions

The restrictions limit households to just 150 gallons per day and require businesses to cut water use by at least 35 percent from the same time last year. Violators could face up to 30 days in jail and a fine of up to \$1,000.

Redwood Valley County Water District

Mandatory Restrictions

Households will receive 50 gallons per person; agricultural customers will get 0%.

City of Santa Rosa

Mandatory Restrictions

Aug. 5 - Stage 1 – Mandatory complies with the State’s Emergency Drought Regulations and includes the following: Prohibits water waste as defined by our water waste ordinance; water waste is defined as break or leaks in the distribution system and runoff and overspray from irrigation; requires outdoor irrigation to occur between 8 p.m. and 6 a.m.; prohibits washing down of hardscapes (unless required for public health and safety); prohibits the use of potable water for street washing; requires the use of shut-off hose nozzles on all garden and utility hoses; requires “Water-on-request” programs at restaurants.

City of St. Helena

Drought Emergency / Water Shortage Declared

Phase II Water Emergency. Single family homes 65 gallons per day, 2,500 gallons per month for irrigation.

City of Napa

Mandatory Restrictions

Sept. 16: Stage 2 Moderate Water Shortage Regulations: Specific water-wasting actions prohibited, with violations subject to fines of up to \$500: Over-watering lawns and landscapes such that excessive runoff flows onto adjacent property, walkways, roadways, or parking lots; using water to wash driveways or sidewalks; using a hose to wash a motor vehicle, unless hose is equipped with a shutoff nozzle; using water in a fountain or other decorative water feature, unless the water is recirculated. No landscape irrigation between the hours of 10 a.m. and 5 p.m., except to meet the initial watering requirements of newly planted landscaping and newly seeded lawns; no draining and refilling of swimming pools, unless needed for repair purposes. Swimming pools cannot be drained and refilled, except for repairs or serious imbalances in the water.

Fair Oaks Water District

Mandatory Restrictions

Stage 3 – Water Warning. No run-off. Automatic shut-off devices shall be attached on any hose or filling apparatus in use. Leaking customer pipes or faulty sprinklers shall be repaired within two (2) working days or less. All pools, spas, and ornamental fountains/ponds shall be equipped with a recirculation pump and shall be constructed to be leak-proof.

Pool draining and refilling shall be allowed only for health, maintenance, or structural considerations. No washing of paved surfaces. Reduce landscape and pasture irrigation by 11-25%. Customers with “smart” irrigation timers or controllers are asked to set their controllers to achieve 75-89% of the evapotranspiration (ET) rate. Drip irrigation systems are excluded from this requirement. Reduce indoor water use by 11-25%. Restaurants shall serve water only upon request. Use of construction meters and fire hydrant meters will be monitored for efficient water use.

Calaveras County Water District

Mandatory Restrictions

June 12: Stage 3 Mandatory Water Conservation declared. Use of water for cleaning hardscape is prohibited; all irrigation is prohibited between 10 a.m. and 6 p.m.; water may only be used in decorative fountains and recreational ponds to preserve aquatic life; filling new or existing pools is prohibited; irrigation will only be allowed on an odd/even watering program; water for irrigation of commercial landscape, schools and parks shall be reduced by 35 percent. If customers violate the conservation order, they will first receive a written warning. If the problem persists, those in violation will have their water governed by a flow-restricting device for a period of 30 days, or until the CCWD Board of Directors repeals the state of emergency. The district may also pursue a misdemeanor violation of California Water Code Section 31029. If convicted of this crime, a person could be put in jail for up to 30 days, fined up to \$600, or both.

City of Montague

Mandatory Restrictions

Monthly limit of 5,000 gallons per home, with fines for running over.