

City of Calistoga Staff Report

TO: Honorable Mayor and City Council

FROM: Anais Hall, Water Conservation Specialist

VIA: Michael Kirn, Director of Public Works/City Engineer

DATE: July 19, 2016

SUBJECT: Consideration of Rescinding Resolution No. 2015-072 Declaring a Stage II Water Emergency and Adopting a Resolution Reverting to a Stage I Water Emergency with Amended Best Management Practices.

APPROVAL FOR FORWARDING:

Dylan Feik, City Manager

1 **ISSUE:** Consideration of rescinding Resolution No. 2015-072 declaring a Stage II Water
 2 Emergency and adopting a resolution reverting to a Stage I Water Emergency and
 3 amending mandatory water conservation best management practices (BMPs).

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 5 **RECOMMENDATION:** Rescind Resolution No. 2015-072 and adopt a resolution
 6 reverting to a Stage I Water Emergency with amended BMPs.

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 8 **BACKGROUND:** On February 4, 2014 the City Council adopted Resolution No. 2014-
 9 013 declaring a Stage II water emergency and implementing Stage II water
 10 conservation, which required mandatory water conservation through BMPs and
 11 imposed a monetary surcharge for violations.

12 On May 20, 2014 the City Council adopted Resolution No. 2014-34 which amended the
 13 days of outdoor irrigation with potable water only during the early morning hours to
 14 reduce evaporation loss with an odd/even address watering schedule (odd addresses
 15 water Tuesday and Friday and even water Monday and Thursday). No outdoor
 16 irrigation on Saturday or Sunday with potable water.

17 On April 1, 2015, due to the continued drought, the state legislature and the Governor
18 adopted stricter water conservation measures, including specific conservation targets
19 for individual urban water system (3,000 connections or more). Because Calistoga
20 does not meet the criteria for an urban water system, we do not have a specific
21 mandated conservation goal, but instead is asked to meet a conservation goal of 20%
22 from 2013 usage. We were also asked to report water consumption for previous years
23 and documentation that we have implemented measures to achieve the 20%
24 conservation goal. In 2014, Calistoga reduce water use by 14 percent and 18 percent in
25 2015, just under the 20% conservation goals set by the Governor.

26 On May 9, 2016, the Governor issued Executive Order B-37-16 "Making Water
27 Conservation A California Way of Life". This Executive Order adopted a statewide water
28 conservation approach replacing percentage reduction-based water conservation
29 standards with localized 'stress test' approach. These standards require local water
30 agencies to ensure a three-year supply assuming three more dry years. On June 7,
31 2016 the City Council received a report outlining the City water availability which
32 documented we have at least three years of water supply.

33 **DISCUSSION:** To assist in the conservation efforts in June 2014, the City of Calistoga
34 implemented the Water Conservation Program to assist residents and businesses in
35 water conservation activities. The goal being to achieve a community-wide water use
36 reduction of 20 percent compared to 2013 water usage through increased knowledge
37 and awareness of local and regional water supply issues and conservation BMPs.

38 As of June 30, 2016 the Water Conservation Program has completed: 52 High
39 Efficiency Toilet (HET) rebates; 45 "Cash for Grass" rebates totaling 39,742 square feet;
40 and conducted over 60 water assessments and leak detections for residential and
41 commercial customers.

42 Additionally, the Water Conservation Program has implemented student educational
43 outreach programs to increase knowledge and conservation providing water
44 conservation assembly and classroom presentations. Staff has also conducted water
45 conservation outreach and presentations at the junior and senior high schools and
46 sponsored a public service announcement water conservation video contest locally and
47 county-wide.

48 On June 7, 2016 as part of the water supply assessment discussion the Council
49 directed staff to propose moderate amendments to the current BMPs reflecting
50 improved water supply conditions. Staff recommends that the Council consider
51 reverting to a Stage I Water Emergency and implement Stage I water conservation
52 measures and require mandatory water conservation through amended BMPs. Staff
53 recommends amending the current BMPs as noted below. A summary of the significant
54 recommended amendments are noted below:

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56 • Increases the number of irrigation days from two to three

- 57 • Allows filling of pools and spas
- 58 • Allows for pressure washing of buildings twice a year
- 59 • In hotels allows bed linens to be changed

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61 Should the Council accept staff recommendations a draft resolution is presented for
62 Council consideration.

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64 **City of Calistoga, 2016 Amended Best Management**
65 **Practices (“BMP”) for Water Conservation**

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67 **All Water Customers:**

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69 1. Outdoor irrigation with potable water only during the early morning hours to
70 reduce evaporation loss with an odd/even address watering schedule (odd
71 addresses water Tuesday, Friday and Sunday; and even water Monday,
72 Thursday and Saturday). No outdoor irrigation on Wednesday with potable
73 water.
- 74 2. Irrigation is not permitted during or 48 hours after measurable rainfall.
75 Measurable rainfall is ¼” in a calendar day (mid-night to mid-night).
- 76 3. Irrigation may not spray onto paved areas and sidewalks.
- 77 4. All newly permitted pools and spas are required to have a pool cover installed
78 prior to final inspection.
- 79 5. No washing sidewalks, driveways, patios, or other paved areas with potable
80 water. Buildings may be pressure washed twice a year.
- 81 6. No noncommercial washing of privately owned motor vehicles, trailers and boats except
82 from a bucket and hose equipped with an automatic shut-off nozzle.
- 83 7. Prohibiting any use of water from a fire hydrant, except for fighting fires and line flushing
84 required by regulatory agencies.
- 85 8. No use of potable water for dust control or compaction at construction sites.
- 86 9. Newly constructed homes and buildings using potable water for outside irrigation
87 shall install drip or micro-spray systems.
- 88 10. The use of portable water in a fountain or other decorative water feature is not
89 permitted, where the water is part of a recirculating system.
- 90 11. Inspect all irrigation systems, repair leaks, and adjust spray heads to provide optimum
91 coverage and eliminate avoidable over-spray.
- 92 12. Run full loads through dishwasher.
- 93 13. Wash full loads of laundry.

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95 **Restaurant Specific:**

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97 1. Tap water provided to customers only upon request.
- 98 2. Scrape all dishes prior to rinsing.
- 99 3. Run full loads through dishwasher.
- 100 4. Wash full loads of linens.

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Hotels and Spa Specific:

1. Hotels and motels must clearly and prominently display notice of option to reuse towels.
2. Wash full loads of linens/laundry.
3. Inspect all irrigation systems, repair leaks, and adjust spray heads to provide optimum coverage and eliminate avoidable over-spray.
4. No washing sidewalks, driveways, patios, or other paved areas with potable water.
5. Prohibit any use of water from a fire hydrant, except for fighting fires and line flushing required by regulatory agencies.
6. No noncommercial washing of privately owned motor vehicles, trailers and boats except from a bucket and hose equipped with an automatic shut-off nozzle.

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FISCAL IMPACT: The effectiveness of the water conservation efforts has had a fairly significant impact to the water enterprise revenues over the past three years. This reduction in revenue has made it difficult for the City to adequately fund capital projects, meet debt coverage ratios, and build up prudent reserves. The recommended amended BMPs would result in a slight increase in water usage and some increased revenue.

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CEQA COMPLIANCE: In accordance with CEQA Guidelines Section 15378(a), the recommended resolution amending the BMPs is not a “project” and therefore exempt from CEQA review.

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ATTACHMENT:

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1. Draft Resolution

RESOLUTION NO. 2016 - XXX

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3 **RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALISTOGA,**
4 **COUNTY OF NAPA, STATE OF CALIFORNIA, RESCINDING**
5 **RESOLUTION 2015-072 DECLARING STAGE II WATER EMERGENCY**
6 **AND ADOPTING A RESOLUTION REVERTING TO A STAGE I WATER**
7 **EMERGENCY**
8

9 **WHEREAS**, on February 4, 2014, the City Council adopted Resolution No.
10 2014-013 declaring a Stage II Water Emergency in the City of Calistoga and
11 implementing mandatory water conservation measures to achieve a water
12 conservation goal of twenty percent compared to 2013 water usage; and
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14 **WHEREAS**, Resolution 2014-013 included the adoption of Best Management
15 Practices (BMP) to assist water users in meeting the conservation goal; and
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17 **WHEREAS**, on May 20, 2014, the City Council adopted Resolution No.
18 2014-034 revising the BMP's modifying the outdoor irrigation schedule as
19 recommendation by water users; and
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21 **WHEREAS**, on March 17, 2015, the State Water Board extended and expanded
22 the Emergency Water Conservation Regulation to include restrictions not included in
23 the City of Calistoga's Emergency Water Regulations; and
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25 **WHEREAS**, on April 1, 2015, the State Legislators and the Governor issued
26 emergency regulations prohibiting certain water use activities not included in the City of
27 Calistoga's Emergency Water Regulations and called on all water users to reduce
28 water usages by 25% compared to 2013 usage; and
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30 **WHEREAS**, On June 16, 2015, the City Council adopted Resolution No. 2015-
31 072 which amended the BMP's and rescinded Resolution Nos. 2014-013 and 034 to
32 achieve the water conservation objectives ordered by the State; and
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34 **WHEREAS**, On May 9, 2016, the Governor issued Executive Order B-37-16
35 adopting a statewide water conservation approach replacing percentage reduction-
36 based water conservation standards with localized "stress test" approach requiring
37 local water agencies to ensure a three-year supply assuming three more dry years;
38 and
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40 **WHEREAS**, The City is projected to have 1,250 acre feet of North Bay
41 Aqueduct "carry-over" water, 400 acre feet of water from our Kimball reservoir, and
42 600 acre feet from future NBA allocations to meet our water demands for
43 approximately three years; and
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45 **WHEREAS**, given the improved water supply conditions it is appropriate to
46 revert to a Stage I Water Emergency and amend the current BMPs.
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NOW, THEREFORE BE IT RESOLVED that the City Council of the City of Calistoga declares that a Stage I Water Emergency will meet the local conservation goals and meets the needs of the residents and businesses of Calistoga.

BE IT FURTHER RESOLVED, that the City Council of the City of Calistoga amend the Best Management Practices for water conservation as shown on Exhibit A attached hereto, and declares that any violation of the BMPs is subject to a notice of violation or other form of citation, and economic penalties as authorized by Section 13.04.350 of the Calistoga Municipal Code.

PASSED, APPROVED, AND ADOPTED by the City Council of the City of Calistoga at a regular meeting held this **19th day of July, 2016**, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CHRIS CANNING, Mayor

ATTEST:

Kathy Flamson, City Clerk

Exhibit A

**City of Calistoga, 2016 Best Management Practices (“BMP”)
For Water Conservation**

All Water Customers:

1. Outdoor irrigation with potable water only during the early morning hours to reduce evaporation loss with an odd/even address watering schedule (odd addresses water Tuesday, and Friday and Sunday; and even water Monday, and Thursday and Saturday). No outdoor irrigation on Wednesday with potable water.
2. Irrigation is not permitted during or 48 hours after measurable rainfall. Measurable rainfall is ¼” in a calendar day (mid-night to mid-night).
3. Irrigation may not spray onto paved areas and sidewalks.
4. All newly permitted pools and spas are required to have a pool cover installed prior to final inspection.
5. No washing sidewalks, driveways, patios, or other paved areas with potable water. Buildings may be pressure washed twice a year.
6. No noncommercial washing of privately owned motor vehicles, trailers and boats except from a bucket and hose equipped with an automatic shut-off nozzle.
7. Any use of water from a fire hydrant is prohibited, except for fighting fires and line flushing required by regulatory agencies.
8. No use of potable water for dust control or compaction at construction sites.
9. Newly constructed homes and buildings using potable water for outside irrigation shall install drip or micro-spray systems.
10. The use of portable water in a fountain or other decorative water feature is permitted where the water is part of a recirculating system.
11. Inspect all irrigation systems, repair leaks, and adjust spray heads to provide optimum coverage and eliminate avoidable over-spray.
12. Run full loads through dishwasher.
13. Wash full loads of laundry.

Restaurant Specific:

1. Tap water provided to customers only upon request
2. Scrape all dishes prior to rinsing.
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Hotel and Spa Specific:

1. Hotels and motels must clearly and prominently display notice of option to reuse towels.
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- 144 provide optimum coverage and eliminate avoidable over-spray.
145 4. No washing sidewalks, driveways, patios, or other paved areas with potable
146 water.
147 5. Prohibit any use of water from a fire hydrant, except for fighting fires and
148 line flushing required by regulatory agencies.
149 6. No noncommercial washing of privately owned motor vehicles, trailers and
150 boats except from a bucket and hose equipped with an automatic shut-off
151 nozzle.

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153 Violation of a BMP is subject to issuance of a notice of violation or other citation and subject to
154 monetary penalties. Violations are cumulative unless there are no violations during the
155 subsequent billing cycle.
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