



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board
Division of Drinking Water

October 3, 2016

Certified Mail
7012 3460 0003 1112 8328

Patrick Minturn, Director of Public Works
Shasta CSA – Sugarloaf, #2
1855 Placer Street
Redding, CA 96001

TRANSMITTAL OF CITATION NO. 01-02-16C-025

Dear Mr. Minturn,

The State Water Resources Control Board, Division of Drinking Water, has issued the Shasta CSA – Sugarloaf, #2 a citation, which is attached.

If you have any questions regarding this matter, please call staff engineer Steve Watson at (530) 224-4828 or me at (530) 224-4800.

Sincerely,

A handwritten signature in cursive script that reads "Michael J. McNamara".

Michael J. McNamara, P.E.
Lassen District Engineer
Drinking Water Field Operations Branch

cc: Richard L. Hinrichs, Chief, Northern California Section

Enclosure

sww \ 4500006 Shasta CSA – Sugarloaf, #2 \ File: Enforcement

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

364 Knollcrest Drive, Suite 101, Redding, CA 96002 | www.waterboards.ca.gov

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STATE OF CALIFORNIA
WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

TO: Shasta CSA – Sugarloaf, #2
1855 Placer Street
Redding, CA 96001

Attn: Patrick Minturn, Shasta County Director of Public Works

CITATION FOR VIOLATION OF
CALIFORNIA CODE OF REGULATIONS, TITLE 22,
SECTIONS 64426 and 64426.1
WATER SYSTEM NO. 4500006
CITATION NO. 01-02-16C-025
Issued on October 3, 2016

Section 116650 of the California Health and Safety Code authorizes the issuance of a citation to a public water system for violation of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) (hereinafter "California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.

The State Water Resources Control Board (hereinafter "Board"), acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a citation to the Shasta County Service Area No.

1 2 - Sugarloaf (hereinafter, CSA) (1855 Placer Street, Redding, CA 96001) for violation of Title
2 22, Sections 64426 and 64426.1 of the California Code of Regulations (CCR).

3
4 **APPLICABLE AUTHORITIES**

5 **Section 116650 of California Health and Safety Code provides:**

6 (a) If the department determines that a public water system is in violation of this
7 chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the
8 department may issue a citation to the public water system. The citation shall be served upon
9 the public water system personally or by certified mail. Service shall be deemed effective as of
10 the date of personal service or the date of receipt of the certified mail. If a person to whom a
11 citation is directed refuses to accept delivery of the certified mail, the date of service shall be
12 deemed to be the date of mailing.

13 (b) Each citation shall be in writing and shall describe the nature of the violation
14 or violations, including a reference to the statutory provision, standard, order, citation, permit, or
15 regulation alleged to have been violated.

16 (c) A citation may specify a date for elimination or correction of the condition
17 constituting the violation.

18 (d) A citation may include the assessment of a penalty as specified in subdivision
19 (e).

20 (e) The department may assess a penalty in an amount not to exceed one
21 thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a
22 violation continues to occur. A separate penalty may be assessed for each violation.

23

1 **Title 22, Section 64426 of the California Code of Regulations states:**

2 (a) Any of the following criteria shall indicate a possible significant rise in bacterial count:

3 (1) A system collecting at least 40 samples per month has a total coliform-positive
4 routine sample followed by two total coliform-positive repeat samples in the repeat sample
5 set;

6 (2) A system has a sample which is positive for fecal coliform or *E. coli*; or

7 (3) A system fails the total coliform Maximum Contaminant Level (MCL) as defined in
8 Section 64426.1.

9 (b) When the coliform levels specified in subsection (a) are reached or exceeded, the
10 water supplier shall:

11 (1) Contact the State Board by the end of the day on which the system is notified of
12 the test result or the system determines that it has exceeded the MCL, unless the notification
13 or determination occurs after the State Board office is closed, in which case the supplier shall
14 notify the State Board within 24 hours; and

15 (2) Submit to the State Board information on the current status of physical works and
16 operating procedures which may have caused the elevated bacteriological findings, or any
17 information on community illness suspected of being waterborne. This shall include, but not
18 be limited to:

19 (A) Current operating procedures that are or could potentially be related to the
20 increase in bacterial count;

21 (B) Any interruptions in the treatment process;

22 (C) System pressure loss to less than 5 psi;

23 (D) Vandalism and/or unauthorized access to facilities;

24 (E) Physical evidence indicating bacteriological contamination of facilities;

25 (F) Analytical results of any additional samples collected, including source
26 samples;

1 (G) Community illness suspected of being waterborne; and

2 (H) Records of the investigation and any action taken.

3 (c) Upon receiving notification from the State Board of a significant rise in bacterial count,
4 the water supplier shall implement the emergency notification plan required by Section
5 116460, Health and Safety Code.

6
7 **Title 22, Section 64426.1 of the California Code of Regulations provides in relevant part:**

8 (b) A public water system is in violation of the total coliform MCL [maximum
9 contaminant level] when any of the following occurs:

10 (1) For a public water system which collects at least 40 samples per month,
11 more than 5.0 percent of the samples collected during any month are total
12 coliform-positive; or

13 (2) For a public water system which collects fewer than 40 samples per month,
14 more than one sample collected during any month is total coliform-positive;
15 or

16 (3) Any repeat sample is fecal coliform-positive or E. coli-positive; or

17 (4) Any repeat sample following a fecal coliform-positive or E. coli-positive
18 routine sample is total coliform-positive.

19
20 **STATEMENT OF FACTS**

21
22 The Shasta County Department of Public Works operates the CSA to serve the community
23 known as Sugarloaf, just south of Lakehead California, and as such it is classified as a
24 community water system. There are 61 service connections that serve a population of
25 approximately 160. The water system includes a surface water treatment plant that filters and

1 disinfects water from an unnamed stream. The water system also includes a well and an
2 associated disinfection system.

3
4 On August 9, 2016, the CSA collected a routine bacteriological sample from the distribution
5 system. This sample was found to contain total coliform bacteria, but was absent of E.coli
6 bacteria. The CSA then collected three repeat samples from the distribution system, of which,
7 one was found to contain total coliform bacteria, but was absent of E.coli bacteria. The CSA
8 reported that both the surface water source and the well were in service during August 2016.

9
10 On August 12, 2016, the Division then instructed the CSA to: 1) inspect the well and storage
11 tank to determine if there were any obvious sanitary hazards that could explain the presence of
12 total coliform bacteria in the water, 2) collect a water sample from the well, prior to chlorination
13 in order to determine if that might be the source of the contamination, and 3) increase the free
14 chlorine residual in the distribution system to between 0.5 and 1.0-mg/L.

15
16 On Monday, August 15, 2016, the CSA reported that the sample collected from the untreated
17 water from the well showed the presence of total coliform bacteria, at a Most Probable Number
18 (MPN) level of 6-MPN/100-ml, while E.coli bacteria was not found in the sample.

19
20 The CSA collected six follow-up samples between August 15, 2016, and August 29, 2016, all of
21 which were absent of total coliform bacteria.

22
23 In accordance with Title 22, Section 64426(b)(2) of the CCR, on September 1, 2016, the CSA
24 submitted a Level 1 Assessment to help identify a possible cause to the total coliform positive
25 samples and describe possible corrective actions needed. The CSA also reported that no
26 obvious signs of contamination were found at the well or storage tank, and there had been no
27 issues with the surface water treatment system that would have led to the contamination. The

1 CSA did report a main break occurred on August 8, 2016, but was repaired under pressure, so it
2 is not clear that this was the cause of the contamination. While the well did show low levels of
3 contamination, the water from the well receives continuous chlorination, which had not been
4 interrupted to the best of the CSA's knowledge. According to the assessment, the CSA plans to
5 have their operators review AWWA standards for main repairs and disinfection after repairs.
6 They also plan to flush the well in an effort to remove the total coliform from the source.

7 8 DETERMINATIONS

9
10 The Division has determined that the CSA violated Title 22, Section 64426.1(b)(2) of the
11 California Code of Regulations during August 2016. Specifically, the CSA exceeded the total
12 coliform maximum contaminant level during the month of August 2016.

13 14 DIRECTIVES

15
16 The CSA is hereby directed to take the following actions:

- 17
- 18 1. Comply with Title 22, Section 64426.1 of the California Code of Regulations during all
19 future monthly monitoring periods.
 - 20
21 2. Within 30 days of the issuance of this Citation, but in no case later than
22 **November 1, 2016**, notify all persons served by the CSA of the MCL violation as
23 required by Title 22, Sections 64463.4 and 64465 of the CCR. Notification shall be
24 completed by posting the notice contained in Attachment 'A' in conspicuous places
25 within the service area and by hand delivery or direct mail of the notice to all customers
26 served by the CSA. No changes shall be made to Attachment 'A' unless approved by
27 the Division.

1 3. Complete and return Attachment 'B' entitled "Compliance Certification" by
2 **November 10, 2016**. A copy of the notification that was provided to users due to the
3 total coliform MCL exceedance in August 2016 shall be included with the form.
4

5 Unless otherwise noted, all documents required under this Citation shall be submitted to the
6 Board at the following address:

7
8 Michael J. McNamara, P. E.
9 Lassen District Engineer
10 Division of Drinking Water
11 State Water Resources Control Board
12 364 Knollcrest Drive, Suite 101
13 Redding, CA 96002
14

15 As used in this Citation, the date of issuance shall be the date of this Citation; and the date of
16 service shall be the date of service of this Citation, personal or by certified mail, on the water
17 system.
18

19 Nothing in this Citation relieves the CSA of its obligation to meet the requirements of the
20 California SDWA or any regulation, permit, standard or order issued or adopted thereunder.
21 The Division reserves the right to make such modifications to this Citation, as it may deem
22 necessary to protect public health and safety. Such modifications may be issued as
23 amendments to this Citation and shall be effective upon issuance.
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FURTHER ENFORCEMENT ACTION

The California SDWA authorizes the Board to: issue a citation with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the Board to take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with an order of the Board; and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with or violates an order of the Board. The Board does not waive any further enforcement action by issuance of this citation.

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PARTIES BOUND

This Citation shall apply to and be binding upon the CSA, its officers, directors, shareholders, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The Directives of this Citation are severable, and the CSA shall comply with each and every provision thereof, notwithstanding the effectiveness of any other provision.

10-3-2016

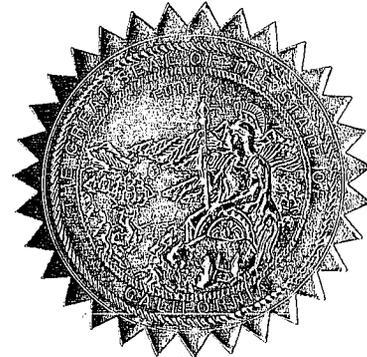
Michael J. McNamara

Date

Michael J. McNamara, P.E.
Lassen District Engineer
Division of Drinking Water
State Water Resources Control Board

Attachments:

- 'A' Public Notice
- 'B' Compliance Certification



CERTIFIED MAIL 7012 3460 0003 1112 8328

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

Tests Showed Coliform Bacteria in the Shasta CSA #2, Sugarloaf Domestic Water System

Our water system violated a drinking water standard. Although this incident was not an emergency, as our water users, you have a right to know what happened and what we did to correct the situation.

We routinely monitor for drinking water contaminants in the water system. During August 2016, we collected ten samples from our water system to test for the presence of coliform bacteria. Two of these samples showed the presence of coliform bacteria. The standard is that no more than one sample per month may show the presence of coliform bacteria.

What Should You Do?

You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor.

People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1 (800) 426-4791.

What Does This Mean?

This is not an emergency. If it were, you would have been notified immediately. Coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*

Usually, coliform bacteria are a signal that there may be a problem with our source of supply, storage, or distribution systems. Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or E. coli, are present. We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.

What Happened? What Was Done?

On August 9, 2016, we collected a routine bacteriological sample from the distribution system. This sample was found to contain total coliform bacteria, but was absent of E.coli bacteria. We then collected three more samples from the distribution system, one of which was found to contain total coliform bacteria, but was absent of E.coli bacteria.

We then inspected the inspect the well, water treatment plant, and storage tank to determine if there were any obvious signs of contamination, defects, or operational problems that could explain the presence of total coliform bacteria in the water. We flushed the system and collected six more samples between August 15, 2016 and August 29, 2016. All of these samples were absent of total coliform bacteria, therefore, it appears the contamination has been flushed from the system.

For more information please contact:

Scott Sealander, Shasta County Public Works

(530) 225-5571

This notice is being provided to you by Shasta County Service Area No. 2 – Sugarloaf in compliance with the California Code of Regulations as a means of keeping the public informed.

COMPLIANCE CERTIFICATION

Citation Number: 01-02-16C-025

Name of Water System: **Shasta CSA – Sugarloaf, #2**

System Number: 4500006

As required by Section 116450 of the California Health and Safety Code, I certify that the users of the water supplied by this water system were notified of the Total Coliform MCL violation during August 2016. In addition, I certify that the CSA has complied with the directives of this citation as indicated below:

<u>Required Action</u>	<u>Date Completed</u>
Public Notification, as required by Directive 2	_____
_____	_____
Signature of Water System Representative	Date

Attach a copy of the direct delivery notice.

THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT NO LATER THAN November 10, 2016.

Disclosure: Be advised that Section 116725 and 116730 of the California Health and Safety Code states that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in county jail not to exceed one year, or by both the fine and imprisonment.