



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

September 16, 2016

Certified Mail

7012 3460 0003 1112 8168

Patrick Minturn, Director of Public Works
Shasta CSA – Keswick, #25
1855 Placer Street
Redding, CA 96001

TRANSMITTAL OF CITATION NO. 01-02-16C-018

Dear Mr. Minturn,

The State Water Resources Control Board, Division of Drinking Water, has issued the Shasta CSA – Keswick, #25 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 black ink, appearing to read "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 \ 4500001 Shasta CSA – Keswick, #25 \ 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 – Keswick, #25
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, SECTION 64534

WATER SYSTEM NO. 4500001

CITATION NO. 01-02-16C-018

Issued on September 16, 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

1 No. 25 - Keswick (hereinafter, CSA) (1855 Placer Street, Redding, CA 96001) for violation of
2 California Code of Regulations (CCR), Title 22, Section 64534 subsection (f) and (g).

3
4 **APPLICABLE AUTHORITIES**

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

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

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

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

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

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

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25
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1 **California Code of Regulations, Title 22, Section 64534, subsections (f) and (g) provides**
2 **in relevant part:**

3 (f) Systems that fail to monitor shall be in violation of the monitoring requirements for
4 the entire monitoring period that a monitoring result would be used in calculating
5 compliance with MCLs or MRDLs, and shall notify the public pursuant to sections
6 64463, 64463.7, and 64465, in addition to reporting to the State Board pursuant to
7 sections 64537 through 64537.6.

8
9 (g) Systems that fail to monitor in accordance with the monitoring plan required by
10 section 64534.8 shall be in violation of the monitoring requirements, and shall notify
11 the public pursuant to sections 64463, 64463.7, and 64465, in addition to reporting to
12 the Department pursuant to sections 64537 through 64537.6.

13
14 **California Code of Regulations, Title 22, Section 64534.8, subsections (a) provides in**
15 **relevant part:**

16
17 (a) A system shall develop and submit to the State Board a monitoring plan. The
18 system shall implement the plan after State Board review and approval. The system
19 shall maintain the plan and make it available for inspection by the general public no
20 later than 30 days following the applicable compliance date in sections 64530(a) or
21 (b), and (d).

22
23 **California Code of Regulations, Title 22, Section 64535.2, subsections (b)(1) provides in**
24 **relevant part:**

25
26 (b) TTHM and HAA5 MCL compliance, as monitored pursuant to section 64534.2(a),
27 shall be determined as follows:

1 For systems monitoring quarterly, the running annual arithmetic average, computed
2 quarterly, of quarterly arithmetic averages of all samples collected pursuant to
3 section 64534.2(a) shall not exceed the MCLs specified in section 64533;
4

5 **STATEMENT OF FACTS**
6

7 The Shasta County Department of Public Works operates the CSA to serve the community of
8 Keswick, located just east of Keswick Reservoir. There are 203 service connections that serve
9 a population of approximately 475. The water system includes a surface water treatment plant
10 that filters and disinfects water from Whiskeytown Reservoir.
11

12 On October 21, 2014, the CSA submitted a Disinfection Byproduct (DBP) Compliance
13 Monitoring Plan (Plan) that identified two DBP sample sites: Laurie Lane Hydrant and Sanders
14 Lane Hydrant. According to the approved Plan, these two sites are to be sampled each
15 calendar quarter and analyzed for total trihalomethanes (TTHM) and haloacetic acids (HAA5).
16

17 During the fourth calendar quarter of 2014 (4Q2014) the CSA sampled from Gold Pan Way and
18 Rock Creek Road. During 1Q2015 the CSA sampled from Rock Creek Road. During 2Q2015
19 the CSA sampled from only the Laurie Lane Hydrant. During 4Q2015 the CSA sampled from
20 Gold Pan Way and Rock Creek Road. During 1Q2016, no sample results were reported to the
21 Division. During 2Q2016 the CSA sampled from only the Laurie Lane Hydrant.
22

23 Between April 10, 2015 and April 25, 2016, the entire CSA service area was served by the City
24 of Redding through an intertie. This was needed to supply water to customers while a new
25 surface water treatment plant was constructed for the CSA. Therefore, even though the CSA
26 continued to monitor for TTHM and HAA5 during most of this period, the results are not

1 representative of the new system and would not have been used for compliance determination.
2 However, the CSA should have kept monitoring according to their Plan during this time period.

3
4 On March 11, 2016, the Division communicated to the CSA a reminder of the sample frequency
5 and locations noted in their Plan, and instructed the CSA to follow their Plan during the first
6 calendar quarter of 2016, and in subsequent monitoring periods.

7 8 DETERMINATIONS

9
10 The Division has determined that the CSA violated Section 64534 (f) and (g), Title 22 of the
11 CCR, in that the CSA failed to monitor for DBPs in accordance with an approved Monitoring
12 Plan during the following calendar quarters: 4Q2014, 1Q2015, 2Q2015, 4Q2015, 1Q2016, and
13 2Q2016.

14 15 DIRECTIVES

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

- 18
- 19 1. The CSA shall submit to the Division, by **October 14, 2016**, a Corrective Action Plan to
20 achieve compliance with the relevant sections of the California Code of Regulations,
21 described in the findings above.
 - 22
23 2. Within 30 days of the issuance of this Citation but in no case later than
24 **November 1, 2016**, notify all persons served by the CSA of the monitoring violation as
25 required by Section 64463, 64463.7 and Section 64465, Title 22, of the CCR.
26 Notification shall be completed in accordance with each of the following:

- 1 a. Mail or direct delivery of the notice contained in Attachment 'A' to each customer,
2 and
3 b. Posting in conspicuous public places within the service area or on the internet to
4 reach persons not likely to be reached by mailing or direct delivery.

5 Changes and/or modifications to Attachment 'A' shall not be made unless approved by
6 the division.

7
8 3. Complete and return Attachment 'B' entitled "Compliance Certification" by
9 **November 1, 2016**. A copy of the notices used to provide public notification shall be
10 attached to the form.

11
12 4. The CSA shall initiate quarterly monitoring of disinfection byproducts by no later than
13 **September 30, 2016**, in accordance with the approved disinfection byproduct monitoring
14 plan, dated October 21, 2014.

15
16 Unless otherwise noted, all documents required under this Citation shall be submitted to the
17 Board at the following address:

18
19 Michael J. McNamara, P. E.
20 Lassen District Engineer
21 Division of Drinking Water
22 State Water Resources Control Board
23 364 Knollcrest Drive, Suite 101
24 Redding, CA 96002

25
26 As used in this Citation, the date of issuance shall be the date of this Citation; and the date of
27 service shall be the date of service of this Citation, personal or by certified mail, on the Water
28 System.

29

1 Nothing in this Citation relieves the CSA of its obligation to meet the requirements of the
2 California SDWA or any regulation, permit, standard or order issued or adopted thereunder.
3 The Division reserves the right to make such modifications to this Citation, as it may deem
4 necessary to protect public health and safety. Such modifications may be issued as
5 amendments to this Citation and shall be effective upon issuance.

6

7

FURTHER ENFORCEMENT ACTION

8

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

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PARTIES BOUND

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

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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.

9-16-2016

Michael J. McNamara

Date

Michael J. McNamara, P.E.

Lassen District Engineer

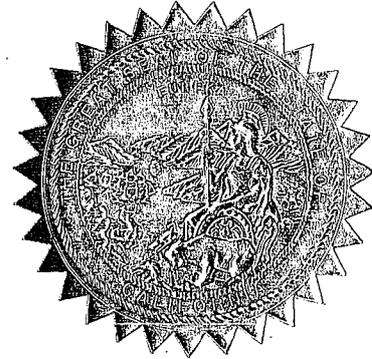
Division of Drinking Water

State Water Resources Control Board

Attachments:

'A' Public Notification Template

'B' Compliance Certification



CERTIFIED MAIL 7012 3460 0003 1112 8168

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.

**Monitoring Requirements not met for
Shasta County Service Area #25 - Keswick**

Our water system failed to monitor drinking water in accordance with Drinking Water regulations. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor for drinking water contaminants. The CSA is required to monitor for total trihalomethanes (TTHM) and haloacetic acids (HAA5) quarterly at locations in the distribution system. TTHM and HAA5 are chlorine disinfection byproducts. In compliance with the monitoring regulations regarding disinfection byproducts, we developed a monitoring plan which identified two locations to be sampled each calendar quarter for these disinfection byproducts. While we have conducted routine monitoring for these contaminants in the distribution system, we have not consistently collected samples from the proper locations in the distribution system, according to our plan. Therefore, we have violated monitoring requirements during the following calendar quarters: 4Q2014, 1Q2015, 2Q2015, 4Q2015, 1Q2016, and 2Q2016.

Additional Information

The table below lists the contaminant(s) we did not properly test for during 2015 and 2016.

Contaminant	Required sampling frequency
TTHMs HAA5s	Quarterly

To protect drinking water from disease-causing organisms, or pathogens, water suppliers often add disinfectants, such as chlorine to drinking water. Disinfection byproducts are formed during the treatment of drinking water when disinfectants react with naturally-occurring organic and inorganic matter present in the water. Certain disinfection byproducts, including some TTHMs, and some HAA5s, have been shown to cause cancer in laboratory animals. Other disinfection byproducts have been shown to affect the liver and the nervous system, and cause reproductive or developmental effects in laboratory animals. Exposure to certain disinfection byproducts may produce similar effects in people. Therefore, the Division of Drinking Water has set standards to limit exposure to TTHM and HAA5 chemicals.

What should I do?

There is nothing you need to do at this time. We are implementing procedures to ensure that future sampling is conducted according to our approved monitoring plan.

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. 25 - Keswick in compliance with the California Code of Regulations as a means of keeping the public informed.

COMPLIANCE CERTIFICATION

Citation Number: **01-02-16C-018**

Name of Water System: **Shasta CSA – Keswick, #25**

System Number: **4500001**

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 Disinfection By-Products monitoring violations during the calendar quarters of 4Q2014, 1Q2015, 2Q2015, 4Q2015, 1Q2016, and 2Q2016. In addition, I certify that the CSA complied with the directives of this citation as indicated below:

<u>Required Action</u>	<u>Date Completed</u>
Corrective Action Plan, as required by Directive 1	_____
Public Notification, as required by Directive 2	_____
Initiate quarterly monitoring as required by Directive 3	_____
_____	_____
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 1, 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.