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Director & State Health Officer

State of California—Health and Human Services Agency
California Department of Public Health

DRINKING WATER FIELD OPERATIONS BRANCH

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EDMUND G. BROWN JR.
Governor

June 2, 2014

Ms. Dana Obermeyer
Glenhaven Mutual Water Company
P.O. Box 134
Glenhaven, CA 95443

**CITATION NO. 02-03-14C-009 FOR PWS NO. 1700508
MARCH 2014 BACTERIOLOGICAL MCL VIOLATION**

Enclosed is a citation issued to the Glenhaven Mutual Water Company public water system.

Because this is an enforcement action for noncompliance with State regulations, your water system will be billed at the Department's hourly rate (currently estimated at \$126.00) for the time spent on issuing this citation. You will receive a bill sent from our Fee Billing Unit in Sacramento later this year. This bill will contain fees for any enforcement time spent on your water system.

If you have any questions regarding this matter, please contact Lori Hanson or Yan Nusinovich of my staff at (707) 576-2604.

Sincerely,

Michelle F. Frederick, P.E.
Mendocino District Engineer
Drinking Water Field Operations Branch

Enclosures

c: Lake County Environmental Health Department

1700508/Compliance-File #4
02-03-14C-009-1700508-22/LSH

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STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

Name of Public Water System: Glenhaven Mutual Water Company

Water System No: 1700508

To: Glenhaven Mutual Water Company
P.O. Box 134
Glenhaven, CA 95443

Issued: June 2, 2014

CITATION FOR NONCOMPLIANCE

With Total Coliform Maximum Contaminant Level—March 2014

Section 116650 of the California Health and Safety Code (CHSC), authorizes the issuance of a citation for failure to comply with a requirement of California Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued thereunder.

The Division of Drinking Water and Environmental Management of the State of California Department of Public Health (Department) hereby issues a citation to the Glenhaven Mutual Water Company (System) for failure to comply with Title 22, California Code of Regulations (CCR) Section 64426.1.

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APPLICABLE AUTHORITIES

Section 116650 of the CHSC states in relevant part:

- (a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The department may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.



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California Code of Regulations (CCR), Section 64426.1 states in relevant part:

(b) A public water system is in violation of the total coliform MCL {maximum contaminant level} when any of the following occurs:

- (1) For a public water system which collects at least 40 samples per month, more than 5.0 percent of the samples collected during any month are total coliform-positive; or
- (2) For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or
- (3) Any repeat sample is fecal coliform-positive or E. coli-positive; or
- (4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is total coliform-positive.

STATEMENT OF FACTS

The Department received laboratory results for six bacteriological samples collected during March 2014 from the distribution system of the Glenhaven Mutual Water Company. All samples were analyzed for the presence of coliform bacteria. Two of the six samples tested positive for coliform bacteria. No fecal coliform were found.

The System has two water sources: Well 01 and Well 02. Well 01 was drilled in May 1956 and Well 02 was drilled in May 1977. Based on the incomplete well driller's report, Well 01 was drilled to a total depth of 48 feet and has a clay sanitary seal of unknown depth. Well 02 has a total depth of



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50 feet and cement sanitary seal of 20 feet. Current well construction standards require a minimum of a 50-foot annular seal for a community water supply well in accordance with California Department of Water Resources California Well Standards dated June 1991 and Section 64560, Title 22 of the CCR. The two wells are located approximately 60 feet from Clearlake. Well 02 was limited to use only between June and September as a result of an *Escherichia coli* (*E. coli*) positive sample collected from Well 02 in December 2012. Well 01 bacteriological results from January 2012 through April 2014 are summarized in the table below:

Table 1. Well 01 Bacteriological Results from Jan 2012 through April 2014

Bacteriological Results	2012	2013	2014
Number of Samples Collected	12	12	5
Number of Samples Positive for Total Coliform	7	5	3
Maximum Total Coliform Result (MPN)	>200.5	9.9	9.8
Number of Samples Positive for <i>E. coli</i>	0	0	0

DETERMINATIONS

The Department has determined the System violated Title 22 of the CCR, Section 64426.1, in that the System failed to comply with the maximum contaminant level (MCL) for total coliform bacteria during the month of March 2014.

1 **DIRECTIVES**

2 The Glenhaven Mutual Water Company is hereby directed to take the
3 following actions:
4

5 1. Comply with Section 64426.1, Title 22, of the California Code of
6 Regulations in all future monitoring periods.
7

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9 2. Notify all persons served by the System of the MCL violation in
10 conformance with Section 64463.4 and 64465, Title 22 of the CCR,
11 and as follows:

12 a) Completion of Attachment A to include the name, address, and
13 telephone number of a System representative as a source of
14 additional information concerning the public notice. **You must**
15 **also give a legible, written description (preferably typed) of**
16 **the corrective actions taken by the water system to prevent**
17 **this violation from occurring in the future. You must use the**
18 **space provided in Attachment A for this written description.**
19

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21 b) Provide the notice by mail or direct delivery, **after it has been**
22 **completed in accordance with (a) above**, to each customer or
23 service connection served by the System by **July 2, 2014**.
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26 c) Publish the notice contained in Attachment A, **after it has been**
27 **completed in accordance with (a) above**, in a local newspaper
of general circulation in the area served by the System (or weekly



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newspaper if no daily paper is available) for one day. The publication in a local newspaper must be completed by **July 2, 2014.**

d) The System shall complete the attached Compliance Certification form and return it to the Department within 10 days of the public notice being given to the system customers but in no case later than **July 14, 2014.** **A copy of the notice published in the newspaper and a copy of the notice sent to the customers of the water system must be attached.**

3. By **August 15 2014**, the System shall submit to the Department for its approval a proposal that elects one of the following corrective actions:

a) Identifies or constructs a reliable groundwater source that meets the requirements of Title 22 of the California Code of Regulations and the California Well Standards Bulletins 74-90 and 74-81 and specifies how the source will be connected to the water system; OR

b) Identifies an alternative method to provide safe potable water to the community, such as an intertie to another public water system or another acceptable alternative; OR

c) Evaluates Well 01 and Well 02 for groundwater under the direct influence of surface water for the period of one year. If the results of this evaluation show that the wells are impacted by surface water, then a plan to come into compliance with the

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Surface Water Treatment regulations in Chapter 17 of Title 22 of the CCR will be required. This evaluation shall include:

a. Sampling Wells 01 and 02, prior to treatment, for bacteriological water quality on a weekly basis using an approved quantitative analysis method that enumerates the density of total coliform and *E. coli* bacteria to a minimum of 2,400 organisms per 100 milliliters of sample. The results from each month of sampling shall be sent to the Department by the analyzing laboratory before the 10th day of the following month. The Department shall be notified within 24 hours if the presence of any *E. coli* is reported from the source for additional instructions. The first sampling event shall be completed by **September 1, 2014**. If the source is not active during the monitoring period, no sample is required to be collected.

b. A water sample must be collected from Wells 01 and 02, prior to any treatment or combination with any other sources, and submitted to a certified laboratory for a microscopic particulate analysis (MPA). The sample must be collected from the wells within 24 hours of a rainfall event of one inch or more. The Water System must inform the Department when this sample has been taken and submit the results of the sample to the Department by **June 10, 2015**.

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c. Turbidity of the raw water must be collected for a period of 12-months. The turbidity shall be collected weekly from during the months of June through September and daily during the months of October through May. The turbidity results shall be submitted to the Department by the 10th day of the following month. Turbidity data collection shall begin by **September 1, 2014**. If the data shows that the turbidity exceeds 10 NTU, please contact our office within 48 hours to discuss additional instructions.

d. Weekly groundwater temperatures and pHs must be collected from Wells 01 and 02 for the period of 12-months. Temperatures must be measured and reported in degrees centigrade. pH must be measured and reported by an instrument that is accurate to 0.1 pH units. The groundwater temperature and pH results shall be submitted to the Department by the 10th day of the following month. Temperature and pH data collection shall begin by **September 1, 2014**.

The System shall ensure that the Department-approved proposal required by Directive 3 is operational and/or completed by **September 1, 2015**.

The Department reserves the right to make such modifications to this Citation, as it may deem necessary to protect public health and safety. Such

1 modifications may be issued as amendments to this Citation and shall be
2 effective upon issuance.

3
4 Nothing in this Citation relieves the System of its obligation to meet the
5 requirements of the California Safe Drinking Water Act (CHSC, Division 104,
6 Part 12, Chapter 4, commencing with Section 116270), or any regulation,
7 standard, permit or order issued thereunder.
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10 All submittals required by this Citation shall be submitted to the Department
11 at the following address: Michelle F. Frederick, P.E.
12 Department of Public Health
13 Drinking Water Program
14 50 D Street, Suite 200
15 Santa Rosa, CA 95404

16 **PARTIES BOUND**

17 This Citation shall apply to and be binding upon the System, its officers,
18 directors, agents, employees, contractors, successors, and assignees.
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20 **SEVERABILITY**

21 The directives of this Citation are severable, and the System shall comply
22 with each provision thereof notwithstanding the effectiveness of any
23 provision.
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FURTHER ENFORCEMENT ACTION

Division 104, Part 12, Chapter 4, (commencing with Section 116270) of the California Health and Safety Code authorizes the Department to: issue additional citations with assessment of penalties if the System continues to fail to correct a violation identified in a citation; 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 orders of the Department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the Department. The Department does not waive any further enforcement action by issuance of this citation.

Michelle F. Frederick

June 2, 2014

Michelle F. Frederick, P.E.
Mendocino District Engineer
Drinking Water Program



Attachments

Certified Mail No. 70123460 000264594485

1700508/Compliance File #4
02-03-14C-009/LSH

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COMPLIANCE CERTIFICATION

Citation Number 02-03-14C-009

Name of Water System: **GLENHAVEN MUTUAL WATER COMPANY**

System Number: **1700508**

Certification

I certify that the users of the water supplied by this water system were notified of the bacteriological violations of Title 22, California Code of Regulations (CCR) for the compliance period of March 2014.

Required Action

Date Completed

Complete Attachment A, as required in Directive 2(a)
Public Notification – Mail or Direct Delivery to all customers
Public Notification – Newspaper

Signature of Water System Representative

Date

Attach a copy of the notice sent to the customers, a copy of the notice published in the newspaper, and the laboratory results from the five water samples.

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT
NO LATER THAN JULY 14, 2014**

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.



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.

Glenhaven Mutual Water Company Had Levels of Bacteria Above the Drinking Water Standard During March 2014

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what happened, what you should do, and what we did to correct the situation. Please share this information with other people who drink this water, especially those who may not have received this notice directly. You can do this by posting this notice in a public place or giving out copies by hand or mail.

What happened?

We routinely monitor our drinking water for contaminants. We collected six water samples to test for the presence of coliform bacteria during March 2014. Two of our samples showed the presence of coliform bacteria. The standard is that no more than 1 sample per month may test positive for bacteria. The positive samples were tested further for fecal coliform. **No fecal coliform or E. coli were found.** However, our drinking water exceeded the maximum contaminant level allowed for total coliform bacteria, as specified in Section 64426.1, Title 22 of the California Code of Regulations (CCR).

What does this mean?

The California Department of Public Health (Department) sets drinking water standards and has determined that the presence of total coliform bacteria is a possible health concern. Coliforms are bacteria that 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 drinking water samples than allowed. This was a warning of potential problems and a violation of the regulations.

What should I do?

You do not need to take corrective actions. This is not an emergency. If it had been, you would have been notified immediately.

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 (800) 426-4791.

If you have other health concerns related to the consumption of this water, you may wish to consult your doctor.

Has the problem been resolved? What corrective actions have been taken to prevent this violation from occurring in the future?

This notification of the public is being done in compliance with Section 64463.4, Title 22 of the CCR as a means of keeping the public informed.

Persons wishing more information should contact: _____
(name)

_____ *(address)*

_____ *(phone number)*