



RON CHAPMAN, MD, MPH
Director & State Health Officer

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



EDMUND G. BROWN JR.
Governor

September 13, 2013

Mr. Felipe Jauregui
California State Parks
Santa Cruz District
303 Big Trees Park Road
Felton, CA 95018

Dear Mr. Jauregui:

COMPLIANCE ORDER NO. 02-17-13R-001
Pigeon Point Lighthouse Hostel, Water System No. 4100553

Enclosed is a compliance order issued to Pigeon Point Lighthouse Hostel. The compliance order is issued because Pigeon Point Lighthouse Hostel failed to comply with Section 64652 (a), Chapter 17, Title 22, of the California Code of Regulations, which requires water systems to provide multibarrier treatment to its surface water source to reliably ensure at least a total of 99.9 percent (3-log) reduction of *Giardia lamblia* cysts and a total of 99.99 percent (4-log) reduction of viruses through filtration and disinfection.

The attached compliance order consists of seven sections: Statement of Facts, Authorities, Determinations, Order, Parties Bound, Severability and Further Enforcement Action. The Order section contains the schedule and milestones the Pigeon Point Lighthouse Hostel is required to comply with in order to meet the Surface Water Treatment Rule. No civil penalty is levied with the current compliance order.

If you have any further questions regarding this letter, please feel free to contact Ms. Van Tsang, at (510) 620-3602.

Sincerely,

Eric Lacy, P.E.
District Engineer
Santa Clara District
Drinking Water Field Operations Branch

cc: San Mateo County Environmental Health

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Compliance Order No. 02-17-13R-001

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

IN RE: PIGEON POINT LIGHTHOUSE HOSTEL
Water System No. 4100553

TO: Mr. Felipe Jauregui
California State Parks
Santa Cruz District
303 Big Trees Park Road
Felton, CA 95018

Date Issued: September 13, 2013

**COMPLIANCE ORDER FOR VIOLATION OF HEALTH AND SAFETY CODE
SECTIONS 116555 (a)(1) AND (a)(3) AND TITLE 22, CALIFORNIA CODE OF
REGULATIONS SECTION 64652 (a).**

Section 116655 of the California Health and Safety Code authorizes the issuance of an order for failure to comply with a requirement of California Safe Drinking Water Act



1 (California Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with
2 Section 116270), or any permit, regulation, or standard issued thereunder.

3
4 The Division of Drinking Water and Environmental Management of the State of California
5 Department of Public Health (Department) hereby issues a compliance order (Order) to
6 Pigeon Point Lighthouse Hostel (System) for failure to comply with Health and Safety Code
7 Sections 116555 (a)(1) and (a)(3) and Title 22, California Code of Regulations, Section
8 64652 (a).

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10 **STATEMENT OF FACTS**

11
12 Pigeon Point Lighthouse Hostel is a transient-noncommunity water system, located at 210
13 Pigeon Point Road in Pescadero, CA, that serves an estimated population of 25 visitors
14 through five service connections. The source of supply for the System is a groundwater
15 well designated as Well 01 (Source Number 4100553-001). Well 01 was drilled to
16 approximately 25 feet and is not equipped with an annular seal to prevent the migration of
17 surface contaminants, such as nitrate and microbial pathogens, into the groundwater
18 supply. Bacteriological results collected from Well 01 are presented in Table 1 below.
19 Based on the substandard construction of Well 01, the detection of *E.coli* and the varying
20 levels of total coliform that closely correlate to climatological conditions, the Department
21 determined that Well 01 is subject to contamination from pathogenic organisms through the
22 direct influence of surface water. The water from Well 01 is chlorinated but not filtered prior
23 to storage and delivery.



Date	Total Coliform (MPN/100mL)	E.Coli (MPN/100 mL)
1/10/2012	151.5	151.5
3/6/2012	2.0	2.0
4/4/2012	18.3	1.0
5/1/2012	1.0	0.0
6/5/2012	1.0	0.0
7/5/2012	9.7	0.0
8/7/2012	0.0	0.0
9/4/2012	17.3	0.0
10/2/2012	17.1	0.0
11/6/2012	130.9	0.0
12/4/2012	1413.6	0.0

Table 1. Total coliform and *E.coli* data for Well 01

AUTHORITIES

Health and Safety Code Section 116555 states in relevant part:

- (a) Any person who owns a public water system shall ensure that the system does all of the following:
- (1) complies with primary and secondary drinking water standards.
 - (3) provides a reliable and adequate supply of pure, wholesome, healthful, and potable water.

Health and Safety Code Section 116655 states in relevant part:

- (a) Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:
- (1) Directing compliance forthwith.
 - (2) Directing compliance in accordance with a time schedule set by the department.
 - (3) Directing that appropriate preventive action be taken in the case of a threatened violation.



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(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

- (1) That the existing plant, works, or system be repaired, altered, or added to.
- (2) That purification or treatment works be installed.
- (3) That the source of the water supply be changed.
- (4) That no additional service connection be made to the system.
- (5) That the water supply, the plant, or the system be monitored.
- (6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the department.

California Code of Regulations, Title 22, Chapter 17, Section 64652 (a), Surface Water Treatment Rule states in relevant part:

(a) A supplier using an approved surface water shall provide multibarrier treatment that meets the requirements of this chapter and reliably ensures at least, between a point where the raw water is not subject to recontamination by surface water runoff and a point downstream before or at the first customer:

- (1) A total of 99.9 percent reduction of *Giardia lamblia* cysts through filtration and disinfection;
- (2) A total of 99.99 percent reduction of viruses through filtration and disinfection; and
- (3) A total of 99 percent removal of *Cryptosporidium* through filtration.



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DETERMINATIONS

Based on the above-described Statement of Facts, the Department determines that the System has violated the following:

1. Health and Safety Code, Section 116555 (a)(1): Specifically, the System has failed to comply with primary and secondary drinking water standards.
2. Health and Safety Code, Section 116555 (a)(3): Specifically, the System has failed to provide a reliable and adequate supply of pure, wholesome, healthful and potable water.
3. California Code of Regulations, Title 22, Section 64652 (a): Specifically, the System has failed to provide multibarrier treatment to Well 01, which is under the direct influence of surface water, to reliably ensure that least a total of 99.9 percent (3-log) reduction of *Giardia lamblia* cysts and a total of 99.99 percent (4-log) reduction of viruses through filtration and disinfection and a total of 99 percent (2-log) removal of *Cryptosporidium* through filtration.



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ORDER

Pursuant to Section 116655 of the California Health and Safety Code, the Department and its Director hereby orders the system to do the following:

Directive 1. As soon as possible, the System shall comply with California Health and Safety Code Sections 116555(a)(1) and (a)(3) and California Code of Regulations Section 64652 (a).

Directive 2. Effective immediately, the System shall continue to conduct public notification for the Surface Water Treatment Rule violation in conformance with California Code of Regulations Section 64463.4. The notice shall be posted in conspicuous places within the areas served by the system. Posting shall be continued until compliance with the Surface Water Treatment Rule is completed. A sample notification format is provided in Attachment A. Proof of public notification shall be provided to the Department each quarter, using the form provided as Attachment B.

Directive 3. By October 31, 2013, the System shall develop a corrective action plan that will specify the method(s) and timeline to bring the System into compliance with all elements of the Surface Water Treatment Rule. The schedule shall provide a deadline not later than October 31, 2014 for full compliance with the Surface Water Treatment Rule.

Directive 4. The System shall submit quarterly progress reports to the Department. The first such report shall be submitted on or before December 31, 2013. The quarterly reports must continue to be submitted until compliance with the Surface Water Treatment Rule is completed.



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The Department reserves the right to make such modification to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Order and shall be effective upon issuance.

Nothing in this Order relieves the System of its obligation to meet the requirements of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any permit, regulation, standard or order issued thereunder,

All submittals required by this Order shall be addressed to:

Eric Lacy, P.E., Santa Clara District Engineer
California Department of Public Health
Drinking Water Field Operations Branch
850 Marina Bay Parkway, Building P, 2nd Floor
Richmond, CA 94804

PARTIES BOUND

This Order shall apply to and be binding upon the System, its officers, directors, agents, employees, contractors, successors and assignees.

SEVERABILITY

The directives of this Order are severable, and the System shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

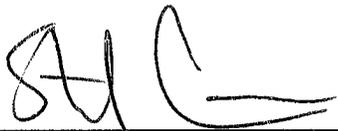


FURTHER ENFORCEMENT ACTION

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Division 104, Part 12, Chapter 4, (commencing with section 116270) of the H&S Code authorizes the Department to: issue a citation with assessment of penalties for failure to comply with any order, in an amount not to exceed one thousand dollars (\$1,000) per day for each day the violation continues; take action to suspend or revoke a permit that has been issued to a public water system if the system has failed to comply with an order of the Department; and petition the superior court to take various enforcement actions against a public water system that has failed to comply with an order of the Department. The Department does not waive any further enforcement action by issuance of this Order.

The State of California shall not be liable for any injuries or damages to persons or property resulting from acts or omissions by the System, its employees, agents or contractors in carrying out activities pursuant to this Order, nor shall the State of California be held as a party to any contract entered into by the System or its agents in carrying out activities pursuant to the Order.



Stefan Cajina, P.E., Chief
North Coastal Region
Drinking Water Program

Sep. 13, 2013
Date

CERTIFIED MAIL # 7007 0710 0000 5917 2323

Attachments:

- Attachment A: Public Notification Notice
- Attachment B: Proof of Notification Form

cc: San Mateo County Environmental Health



ATTACHMENT A

BOIL WATER NOTICE

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

BOIL YOUR WATER BEFORE USING

Failure to follow this advisory could result in stomach or intestinal illness.

Due to the detections of coliform bacteria in the drinking water supply, the California Department of Public Health in conjunction with the San Mateo County Health Department, and Pigeon Point Lighthouse Hostel are advising residents of Pigeon Point Lighthouse Hostel to use boiled tap water or bottled water for drinking and cooking purposes as a safety precaution.

DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST. Bring all water to a boil, **let it boil for one (1) minute**, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking and food preparation **until further notice**. Boiling kills bacteria and other organisms in the water.

Optional alternative to include for prolonged situations where it fits.

- An alternative method of disinfection for residents that are not able to boil their water is to use fresh, unscented, liquid household bleach. To do so, add 8 drops (or 1/8 teaspoon) of bleach per gallon of clear water or 16 drops (or 1/4 teaspoon) per gallon of cloudy water, mix thoroughly, and allow it to stand for 30 minutes before using. A chlorine-like taste and odor will result from this disinfection procedure and is an indication that adequate disinfection has taken place.
- Water disinfection tablets may also be used by following the manufacturer's instructions.
- Optional: Potable water is available at the following locations: [List locations]
Please bring a clean water container (5 gallons maximum capacity).

We will inform you when tests show that water is safe to drink and you no longer need to boil your water. We anticipate resolving the problem within [estimated time frame].

For more information call:

Water Utility contact: [Name, title, phone & address of responsible utility representative].
California Department of Public Health – Drinking Water Field Operations Branch- District Office at (510) 620-3602.

San Mateo County Environmental Health Department at (650) 372-6279.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

ATTACHMENT B
PROOF OF NOTIFICATION

Name of Water System: **Pigeon Point Lighthouse Hostel**

System Number: **4100553**

Certification

As required by Section 64463.4 of the California Code of Regulations, I notified the users of the water supplied by Pigeon Point Lighthouse Hostel of the Surface Water Treatment Rule violation of Section 64652 (a) of the California Code of Regulations. I complied with the directives of this order as indicated below:

Required Action	Date Completed
1. Public Notification - posting in conspicuous places	_____

Signature of Water System Representative

Date

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT.
A COPY OF THE POSTED NOTICE MUST BE ATTACHED TO THIS FORM.**