



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

Division of Drinking Water

August 19, 2015
Certified Mail/Return
7012 3460 0003 1113 1861

Tierra Buena Mobile Home Park #1
P.O. Box 591
Marysville, CA 95901

Attention: Roy Lanza, Owner

**RE: Tierra Buena Mobile Home Park #1, Public Water System No. 5100112 –
Compliance Order No. 21-15R-004 for Exceedance of the Hexavalent Chromium
Contaminant Level**

Dear Mr. Lanza,

Enclosed is a compliance order issued to Tierra Buena Mobile Home Park #1 (System). The order is being issued because the System failed to achieve the drinking water standard for hexavalent chromium between September 2014 and July 2015. Please read this order carefully. Public notification is required to inform consumers that the standard is not being achieved.

Note that Section 116577 of the California Safe Drinking Water Act provides for the Division to be reimbursed by the public water system for costs incurred for preparing and issuing a compliance order. In accordance with Section 116577, the System will be billed for the preparation and issuance of this citation.

If you have any questions regarding this matter, please call Paul Rowe at (530) 224-4866 or me at (530) 224-4861.

Sincerely,

A handwritten signature in black ink that reads "R. Crenshaw".

Reese B. Crenshaw, P.E.
Valley District Engineer
Drinking Water Field Operations Branch

Enclosures

1 **Compliance Order No. 21-15R-004**

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STATE OF CALIFORNIA

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WATER RESOURCES CONTROL BOARD

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DIVISION OF DRINKING WATER

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7 **Public Water System:** Tierra Buena Mobile Home Park #1

8 **Water System No.:** 5100112

9

10 **TO:** Tierra Buena Mobile Home Park #1

11 Attn: Roy Lanza, Owner

12 P.O. Box 591

13 Marysville, CA 95901

14

15 **Issued:** August 19, 2015

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COMPLIANCE ORDER FOR

19

VIOLATION OF HEALTH AND SAFETY CODE SECTION 116555 (a) (1)

20

AND THE PRIMARY DRINKING WATER STANDARD

21

FOR HEXAVALENT CHROMIUM

22

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The State Water Resources Control Board (hereinafter "State Board"), acting by and

24

through its Division of Drinking Water (hereinafter "Division") and the Deputy Director

25

for the Division, hereby issues this Compliance Order (hereinafter "Order") pursuant to

26

Section 116655 of the California Health and Safety Code (hereinafter "CHSC") to



1 Tierra Buena Mobile Home Park #1 for violation of the CHSC Section 116555(a)(1)
2 and Title 22, California Code of Regulations (hereinafter "CCR"), Section 64431.

3

4

5 **APPLICABLE AUTHORITIES**

6 **Section 116555(a) (1) of the CHSC states in relevant part:**

7

8 (a) Any person who owns a public water system shall ensure that the system does
9 all of the following:

10 (1) Complies with primary and secondary drinking water standards.

11 **Section 116655 of the CHSC states in relevant part:**

12

13 (a) Whenever the department determines that any person has violated or is
14 violating this chapter, or any permit, regulation, or standard issued or adopted
15 pursuant to this chapter, the director may issue an Order doing any of the following:

16 (1) Directing compliance forthwith.

17 (2) Directing compliance in accordance with a time schedule set by the
18 department.

19 (3) Directing that appropriate preventive action be taken in the case of a
20 threatened violation.

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

23 (1) That the existing plant, works, or system be repaired, altered, or added to.

24 (2) That purification or treatment works be installed.

25 (3) That the source of the water supply be changed.

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

5 **CCR, Title 22, Section 64431, states in relevant part:**

6

7 Public water systems shall comply with the primary MCLs in table 64431-A as

8 specified in this article.

9 **Table 64431-A**

10 **Maximum Contaminant Levels**

11 **Inorganic Chemicals**

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
Aluminum	1.
Antimony	0.006
Arsenic	0.010
Asbestos	7 MFL*
Barium	1.
Beryllium	0.004
Cadmium	0.005
Chromium	0.05
Cyanide	0.15
Fluoride	2.0
Hexavalent chromium	0.010
Mercury	0.002
Nickel	0.1
Nitrate (as nitrogen)	10.
Nitrate+Nitrite (sum as nitrogen)	10.
Nitrite (as nitrogen)	1.
Perchlorate	0.006
Selenium	0.05
Thallium	0.002

* MFL=million fibers per liter; MCL for fibers exceeding 10 um in length.

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1 **CCR Title 22, Section 64432, states in relevant part:**

2 (g) If the level of any inorganic chemical, except for nitrate, nitrite, nitrate plus
3 nitrite, or perchlorate, exceeds the MCL, the water supplier shall do one of the
4 following:

5 (1) Inform the State Board within 48 hours and monitor quarterly beginning in
6 the next quarter after the exceedance occurred; or

7 (2) Inform the State Board within seven days from the receipt of the analysis
8 and, as confirmation, collect one additional sample within 14 days from
9 receipt of the analysis. If the average of the two samples collected exceeds
10 the MCL, this information shall be reported to the Department within 48
11 hours and the water supplier shall monitor quarterly beginning in the next
12 quarter after the exceedance occurred.

13 (h) If the concentration of an inorganic chemical exceeds ten times the MCL, within
14 48 hours of receipt of the result the water supplier shall notify the State Board and
15 resample as confirmation. The water supplier shall notify the State Board of the
16 result(s) of the confirmation sample(s) within 24 hours of receipt of the confirmation
17 result(s).

18 (1) If the average concentration of the original and confirmation sample(s) is
19 less than or equal to ten times the MCL, the water supplier shall monitor
20 quarterly beginning in the quarter following the quarter in which the
21 exceedance occurred.

1 (2) If the average concentration of the original and confirmation sample(s)
2 exceeds ten times the MCL, the water supplier shall, if directed by the State
3 Board;

4 (A) Immediately discontinue use of the contaminated water source; and

5 (B) Not return the source to service without written approval from the
6 State Board.

7 (i) Compliance with the MCLs shall be determined by a running annual average; if
8 any one sample would cause the annual average to exceed the MCL, the system is
9 immediately in violation. If a system takes more than one sample in a quarter, the
10 average of all the results for that quarter shall be used when calculating the running
11 annual average. If a system fails to complete four consecutive quarters of monitoring,
12 the running annual average shall be based on an average of the available data.

13
14 **STATEMENT OF FACTS**

15 The Tierra Buena Mobile Home Park #1 (hereinafter, "System") serves water to
16 approximately 50 individuals through 17 service connections. The System is operated
17 under Domestic Water Supply Permit No. 01-02-93P51013, issued on December 31,
18 1993 and consists of one active well. The System is a community public water system
19 as defined in the California Health and Safety Code, Section 116275.

20
21 Title 22, CCR, Division 4, Chapter 15, Article 4, establishes primary drinking water
22 standards and monitoring and reporting requirements for inorganic constituents.
23 Community water systems must comply with the maximum contaminant level for

1 hexavalent chromium of 0.010 milligrams per liter (mg/L), as established in Title 22
2 CCR Section 64431.

3
4 A sample collected in September 2014 showed a hexavalent chromium concentration
5 over the MCL in water produced by the System's well as noted in **Table 1** below.
6 Therefore, in accordance with Section 64432 (g), the System was required to begin
7 quarterly hexavalent chromium monitoring of the well. Section 64432 (i) provides that
8 compliance with the hexavalent chromium MCL is based on a "running annual
9 average" (RAA) of the quarterly monitoring samples, computed each quarter.
10 Furthermore, Section 64432 (i) states: "if any one sample would cause the annual
11 average to exceed the MCL, the system is immediately in violation." A summary of the
12 results of quarterly hexavalent chromium samples above the MCL is presented in the
13 table below.

14 **Table 1: Hexavalent Chromium Monitoring Results (in mg/L)**
15

	3 rd Qtr. 2014	1 st Qtr. 2015	2 nd Qtr. 2015	3 rd Qtr. 2015	RAA
Villa Ave. Well	0.012	0.011	0.011	0.012	0.012

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19 **DETERMINATION**

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21 Based on the above Statement of Facts, the Division has determined that the System
22 has violated the California Health and Safety Code, Section 116555 and Section
23 64431 in that the RAA for water produced by the Villa Ave. Well between the third
24 quarter of 2014 and the third quarter of 2015 exceeded the hexavalent chromium
25 MCL as shown in **Table 1** above.

1 **DIRECTIVES**

2 The System is hereby directed to take the following actions:
3

4 1. On or before September 30, 2015 submit a written response to the Division
5 indicating its agreement to comply with the directives of this Order and with the
6 Corrective Action Plan addressed herein.
7

8 2. Commencing on the date of service of this Order, provide quarterly public
9 notification in accordance with **Attachment No. 1**, hereto, of the System's
10 failure to meet the hexavalent chromium MCL during any calendar quarter that
11 the four-quarter running annual average exceeds the MCL. You must notify
12 consumers by Mail or direct delivery AND by one of the other methods noted in
13 **Attachment No. 2**

14
15 2. Commencing on the date of service of this Order, submit proof of each public
16 notification conducted in compliance with **Directive No. 2**, herein above, within
17 10 days following each such notification, using the form provided as
18 **Attachment No. 2**, hereto.
19

20 4. Commencing on the date of service of this Order collect quarterly samples for
21 hexavalent chromium from the Villa Ave. Well, as required by Section
22 64432(g), and ensure that the analytical results are reported to the Division
23 electronically by the analyzing laboratory no later than the 10th day following
24 the month in which the analysis was completed.

- 1 5. Prepare a Corrective Action Plan for Division review and approval, and prior to
2 implementation, to identify improvements to the water system designed to
3 correct the water quality problem (violation of the hexavalent chromium MCL)
4 and ensure that the System delivers water to consumers that meets primary
5 drinking water standards. The plan shall include a time schedule for completion
6 of each of the phases of the project such as design, construction, and startup,
7 and a date as of which the System will be in compliance with the hexavalent
8 chromium MCL.
- 9
- 10 6. On or before September 30, 2015, submit the Corrective Action Plan required
11 under **Directive No. 5** above to the Division.
- 12
- 13 7. Timely perform the Division approved Corrective Action Plan and each and
14 every element of said plan according to the time schedule set forth therein.
- 15
- 16 8. On or before September 30, 2015 and every three months thereafter, submit a
17 Quarterly Progress Report to the Division in the form provided as **Attachment**
18 **No. 3**, hereto, showing actions taken during the previous calendar three
19 months to comply with the Corrective Action Plan.
- 20
- 21 9. Notify the Division in writing no later than five (5) days prior to the deadline for
22 performance of any **Directive** set forth herein if the System anticipates it will
23 not timely meet such performance deadlines.

1 All submittals required by this Order shall be addressed to:

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3 Reese B. Crenshaw, P. E.
4 Valley District Engineer
5 State Water Resources Control Board
6 Division of Drinking Water
7 364 Knollcrest Dr. Suite 101
8 Redding, CA 96002
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11 As used in this Order, the date of issuance shall be the date of this Order; and the
12 date of service shall be the date of service of this Order, personal or by certified mail,
13 on the System.
14

15 The Division reserves the right to make such modifications to this Order and/or to
16 issue such further Order(s) as it may deem necessary to protect public health and
17 safety. Such modifications may be issued as amendments to this Order and shall be
18 deemed effective upon issuance.
19

20 Nothing in this Order relieves the System of its obligation to meet the requirements of
21 the California SDWA, or any regulation, standard, permit or Order issued thereunder.
22

23 **PARTIES BOUND**

24 This Order shall apply to and be binding upon the System, its owners, shareholders,
25 officers, directors, agents, employees, contractors, successors, and assignees.
26

1 **SEVERABILITY**

2 The Directives of this Order are severable, and the System shall comply with each
3 and every provision hereof, notwithstanding the effectiveness of any other provision.
4

5 **FURTHER ENFORCEMENT ACTION**

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

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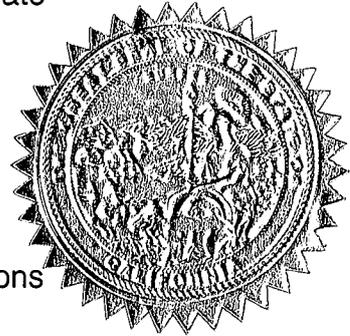
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Richard L. Hinrichs

Richard L. Hinrichs, P.E., Chief
Northern California Section
State Water Resources Control Board
Division of Drinking Water

8/19/2015

Date



Certified Mail No. 7012 3460 0003 1113 1861

Enclosures: (1) Public Notification Template w/ Instructions
(2) Proof of Public Notification Form
(3) Quarterly Progress Report

cc: Sutter County, Department of Environmental Health (w/o attachments)

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.

**Tierra Buena MHP #1
Has Levels of Hexavalent Chromium
Above the Drinking Water Standard**

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 you should do, what happened, and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Water sample results over the most recent four quarters showed a running annual average hexavalent chromium level of 0.012 milligrams per liter (mg/L). This is above the maximum contaminant level (MCL) of 0.010 mg/L.

What should I do?

- **You do not need to use an alternative water supply (e.g., bottled water).**
- This is not an emergency. If it had been, you would have been notified immediately. However, *some people who drink water containing hexavalent chromium in excess of the MCL over many years may have an increased risk of getting cancer.*
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

We are working with the State Water Resources Control Board to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove hexavalent chromium or connecting to another water supply.

For more information, please contact Robert Vogt at 530-743-1561 or Kevin Timms at 530-870-2471

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly.

This notice is being sent to you by Tierra Buena MHP #1.

State Water System ID#: 5100112

Date distributed: _____.

Corrective Action Plan quarterly progress report

Water System: Tierra Buena MHP #1	Water System No.: 5100112
Compliance Order No. 21-15R-004	Violation: Hexavalent Chromium MCL Exceedance
Calendar Quarter:	Date Prepared:

This form should be prepared and signed by water system personnel with appropriate authority to implement the directives of the Compliance Order. Please attach additional sheets as necessary. The quarterly progress report must be submitted by the 10th day of each subsequent quarter, to the Division of Drinking Water, Valley District Office.

Summary of progress of the Corrective Action Plan in the reporting quarter:

Anticipated compliance date : _____

Name

Signature

Title

Date