



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

**State Water Resources Control Board**  
Division of Drinking Water

August 21, 2015  
Certified Mail/Return  
7012 3460 0003 1113 1885

Calvary Christian Center  
2620 Colusa Highway  
Yuba City, CA 95993

Attention: Cliff Smart, Business Administrator

**RE: Calvary Christian Center, Public Water System No. 5100176 – Compliance Order No. 21-15R-005 for Exceedance of the Hexavalent Chromium Contaminant Level.**

Dear Cliff Smart,

Enclosed is a compliance order issued to Calvary Christian Center (System). The order is being issued because the System failed to achieve the drinking water standard for hexavalent chromium between October 2014 and July 2015. Please read this order carefully. Public notification is required to inform consumers that the standard was not 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 order.

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

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

364 Knollcrest Drive, Suite 101, Redding, CA 96002 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

1 **Compliance Order No. 21-15R-005**

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3 **STATE OF CALIFORNIA**  
4 **WATER RESOURCES CONTROL BOARD**  
5 **DIVISION OF DRINKING WATER**  
6

7 **Public Water System:** Calvary Christian Center

8 **Water System No.:** 5100176

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10 **TO:** Calvary Christian Center  
11 Attn: Cliff Smart, Business Administrator  
12 2620 Colusa Highway  
13 Yuba City, CA 95993  
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15  
16 **Issued:** August 21, 2015  
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18  
19 **COMPLIANCE ORDER FOR**  
20 **VIOLATION OF HEALTH AND SAFETY CODE SECTION 116555 (a) (1)**  
21 **AND THE PRIMARY DRINKING WATER STANDARD**  
22 **FOR HEXAVALENT CHROMIUM**  
23

24 The State Water Resources Control Board (hereinafter "State Board"), acting by and  
25 through its Division of Drinking Water (hereinafter "Division") and the Deputy Director  
26 for the Division, hereby issues this Compliance Order (hereinafter "Order") pursuant to  
27 Section 116655 of the California Health and Safety Code (hereinafter "CHSC") to

1 Calvary Christian Center for violation of the CHSC Section 116555(a)(1) and Title 22,  
2 California Code of Regulations (hereinafter "CCR"), Section 64431.

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5 **APPLICABLE AUTHORITIES**

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

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(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:**

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(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.

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- (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.

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

Public water systems shall comply with the primary MCLs in table 64431-A as specified in this article.

**Table 64431-A  
Maximum Contaminant Levels  
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.

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.

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14 **STATEMENT OF FACTS**

15 The Calvary Christian Center (hereinafter, "System") serves water to approximately  
16 245 individuals through 1 service connection. The System is operated under Domestic  
17 Water Supply Permit No. 01-02-93P51042, issued on December 31, 1993 and  
18 consists of one active well. The System is a non-transient non-community public  
19 water system 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 October 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.

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

	4 <sup>th</sup> Qtr. 2014	1 <sup>st</sup> Qtr. 2015	2 <sup>nd</sup> Qtr. 2015	3 <sup>rd</sup> Qtr. 2015	RAA
<b>Well 01</b>	0.012	0.012	0.012	0.013	<b>0.012</b>

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21 **DETERMINATION**

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23 Based on the above Statement of Facts, the Division has determined that the System  
24 has violated the California Health and Safety Code, Section 116555 and Section  
25 64431 in that the RAA for water produced by Well 01 between the fourth quarter of

1 2014 and the third quarter of 2015 exceeded the hexavalent chromium MCL as shown  
2 in **Table 1** above.

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4 **DIRECTIVES**

5 The System is hereby directed to take the following actions:  
6

- 7 1. On or before September 30, 2015 submit a written response to the Division  
8 indicating its agreement to comply with the directives of this Order and with the  
9 Corrective Action Plan addressed herein.
- 10
- 11 2. Commencing on the date of service of this Order, provide initial public  
12 notification in accordance with **Attachment No. 1**. Thereafter, provide quarterly  
13 public notification of the System's failure to meet the hexavalent chromium  
14 MCL during any calendar quarter that the four-quarter running annual average  
15 exceeds the MCL. Initial and quarterly notification shall be to all consumers,  
16 including parents or guardians of students enrolled in the onsite schools, by  
17 mail or direct delivery AND by one of the other methods noted in **Attachment**  
18 **No. 2**
- 19
- 20 3. Commencing on the date of service of this Order, submit proof of each public  
21 notification conducted in compliance with **Directive No. 2**, herein above, within  
22 10 days following each such notification, using the form provided as  
23 **Attachment No. 2**, hereto.
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4. In lieu of quarterly public notification stated in Directive #2 above, the Water Supplier may provide consumers with bottled water. In any case, Initial public notification must still be completed. If bottled water in lieu of quarterly notification is chosen, the water supplier shall submit monthly summaries of bottled water consumption by the tenth day of the following month.
  
5. Commencing on the date of service of this Order collect quarterly samples for hexavalent chromium from Well 01, as required by Section 64432(g), and ensure that the analytical results are reported to the Division electronically by the analyzing laboratory no later than the 10<sup>th</sup> day following the month in which the analysis was completed.
  
6. Prepare a Corrective Action Plan for Division review and approval, and prior to implementation, to identify improvements to the water system designed to correct the water quality problem (violation of the hexavalent chromium MCL) and ensure that the System delivers water to consumers that meets primary drinking water standards. The plan shall include a time schedule for completion of each of the phases of the project such as design, construction, and startup, and a date as of which the System will be in compliance with the hexavalent chromium MCL.
  
7. On or before September 30, 2015, submit the Corrective Action Plan required under **Directive No. 5** above to the Division.

- 1 8. Timely perform the Division approved Corrective Action Plan and each and  
2 every element of said plan according to the time schedule set forth therein.  
3  
4 9. On or before September 30, 2015 and every three months thereafter, submit a  
5 Quarterly Progress Report to the Division in the form provided as **Attachment**  
6 **No. 3**, hereto, showing actions taken during the previous calendar three  
7 months to comply with the Corrective Action Plan.  
8  
9 10. Notify the Division in writing no later than five (5) days prior to the deadline for  
10 performance of any **Directive** set forth herein if the System anticipates it will  
11 not timely meet such performance deadlines.

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

14  
15 Reese B. Crenshaw, P. E.  
16 Valley District Engineer  
17 State Water Resources Control Board  
18 Division of Drinking Water  
19 364 Knollcrest Dr. Suite 101  
20 Redding, CA 96002  
21  
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23 As used in this Order, the date of issuance shall be the date of this Order; and the  
24 date of service shall be the date of service of this Order, personal or by certified mail,  
25 on the System.  
26

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

5  
6 Nothing in this Order relieves the System of its obligation to meet the requirements of  
7 the California SDWA, or any regulation, standard, permit or Order issued thereunder.

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9 **PARTIES BOUND**

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

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13 **SEVERABILITY**

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

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17 **FURTHER ENFORCEMENT ACTION**

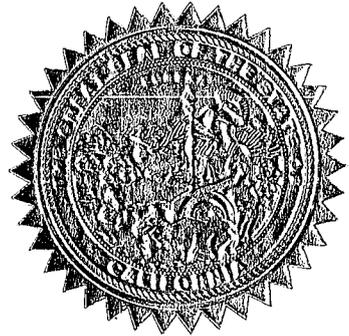
18 The California SDWA authorizes the State Board to: issue an Order with assessment  
19 of administrative penalties to a public water system for violation or continued violation  
20 of the requirements of the California SDWA or any regulation, permit, standard,  
21 Citation, or Order issued or adopted thereunder including, but not limited to, failure to  
22 correct a violation identified in a Citation or Compliance Order. The California SDWA  
23 also authorizes the State Board to take action to suspend or revoke a permit that has

1 | been issued to a public water system if the public water system has violated  
2 | applicable law or regulations or has failed to comply with an Order of the State Board;  
3 | and to petition the superior court to take various enforcement measures against a  
4 | public water system that has failed to comply with an Order of the State Board. The  
5 | State Board does not waive any further enforcement action by issuance of this Order.  
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Richard L. Hinrichs  
Richard L. Hinrichs, P.E., Chief  
Northern California Section  
Division of Drinking Water  
State Water Resources Control Board

8/21/2015  
Date



Certified Mail No. 7012 3460 0003 1113 1885

- 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.

**Calvary Christian Center  
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?**

- **Bottled water is currently being provided due to the existing nitrate contamination in the 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 researching our options to correct this problem along with the nitrate problem.

For more information, please contact Cliff Smart at 530-673-6035 or 2620 Colusa Hwy, Yuba City, CA 95993

*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 Calvary Christian Center

**CERTIFICATE OF PUBLIC NOTICE**

This form when completed and returned to the State Water Resources Control Board – Division of Drinking Water (364 Knollcrest Drive, Suite 101, Redding, CA 96002 or fax to 530-224-4844), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463 – 64465.

**Public Water System Name** Calvary Christian Center

**Public Water System No.** 5100176

Public notification for the \_\_\_\_\_ quarter (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup> quarter) hexavalent chromium level MCL exceedance was performed by the following method(s) (check and complete those that apply):

\_\_\_\_\_ The notice was mailed or directly delivered to each consumer on \_\_\_\_\_ (date)

**AND BY ONE OF THE FOLLOWING:**

\_\_\_\_\_ The notice was posted in the following conspicuous places:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Provide the date (or dates) that the notice was posted on \_\_\_\_\_ (date)

\_\_\_\_\_ The notice was published in a local newspaper or newsletter on \_\_\_\_\_ (date)

\_\_\_\_\_ The notice was e-mailed to employees or students on \_\_\_\_\_ (date)

\_\_\_\_\_ The notice was posted on the Internet or intranet on \_\_\_\_\_ (date)

\_\_\_\_\_ The notice was directly delivered to each customer on \_\_\_\_\_ (date)

**\*\* Provide a copy of the public notice with this certificate**

I hereby certify that the above information is factual.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## Corrective Action Plan quarterly progress report

Water System: <b>Calvary Christian Center</b>	Water System No.: <b>5100176</b>
Compliance Order No. <b>21-15R-005</b>	Violation: <b>Hexavalent Chromium MCL Exceedance</b>
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 10<sup>th</sup> 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