

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

1 | **STATE OF CALIFORNIA**

2 | **STATE WATER RESOURCES CONTROL BOARD**

3 | **DIVISION OF DRINKING WATER**

4 |  
5 |  
6 | **Cuyama Community Services District**

7 | **P.O. Box 368**

8 | **New Cuyama, CA 93254**

9 |  
10 |  
11 | **Attention: James Hampton**

12 | **General Manager**

13 |  
14 | **CITATION FOR ARSENIC MAXIMUM CONTAMINANT LEVEL EXCEEDANCE**

15 |  
16 | **WATER SYSTEM NO.: 4210009**

17 | **CITATION NO.: 04\_06\_16C\_019**

18 |  
19 | Section 116650 of Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S  
20 | Code), authorizes the issuance of a notice of violation for failure to comply with the requirements of  
21 | the California Safety Drinking Water Act, or any regulation, standard, permit or order issued  
22 | hereunder.

23 |  
24 | **VIOLATION**

25 | The State Water Resources Control Board, Division of Drinking Water (hereinafter DDW) hereby  
26 | issues a Notice of Violation to the Cuyama Community Services District (hereinafter CCSD)  
27 | (mailing address: P.O. Box 368, New Cuyama, CA 93254) for the following violations:

28 |  
29 | **Arsenic Maximum Contaminant Level Exceedance**

30 | CCSD is out of Compliance with Permit Provision #11 in the permit issued by the Division of  
31 | Drinking Water on September 3, 2014, which states CCSD's water treatment plant effluent must  
32 | comply with the arsenic maximum contaminant levels (MCL) at all times. Additionally, Title 22,  
33 | California Code of Regulations (CCR), Section 64432.8: Specifically, CCSD has failed the arsenic  
34 | MCL of 10 micrograms per liter ( $\mu\text{g/L}$ ), based on the five samples collected from the effluent of the

1 arsenic removal filtration plant during the month of August 2016. The monitoring results for the four  
 2 samples are summarized below.

Sample Location	Chemical Constituent	Sampling Date					Monthly Average
		8/2/2016	8/9/2016	8/16/2016	8/23/2016	8/30/2016	
<i>Arsenic Treatment Plant Effluent</i>	Arsenic (µg/L)	16	11	11	7.8	7.9	10.74

4  
 5 According to Section 116650 of the Health and Safety Code, the above is classified as a non-  
 6 continuing violation.

### 7 **BACKGROUND**

8  
 9 The CCSD is a community water system. It serves the residents of the City of New Cuyama.  
 10 CCSD provides potable water to 800 year-round residents through 232 service connections.  
 11 CCSD's source of water comes from two groundwater wells (Rehoboth 01 and 02). The arsenic  
 12 concentrations in wells' water exceed the arsenic MCL. The water from the wells is pumped to  
 13 CCSD's arsenic removal filtration plant for arsenic removal to meet the arsenic standards. The pre-  
 14 treatment processes include injection of sodium hypochlorite and ferric chloride. Two pressure  
 15 filters are used in the filtration process. The treated water is required to be tested by a certified  
 16 laboratory at least once per month and field tested every week (has to be pre-approved by DDW)  
 17 for arsenic under the provisions in the 2014 permit.

18  
 19 DDW received CCSD's August 2016 monthly arsenic treatment report on September 9, 2016. The  
 20 average result of the five samples taken in August 2016 is 11 (10.74) µg/L; exceeding the arsenic  
 21 MCL. DDW held a teleconference with CCSD's General Manager on September 12, 2016. The  
 22 General Manager said CCSD brought in PureFlow and acid washed the filters on September 7,  
 23 2016. He said CCSD is working with PureFlow to create an operation plan for the treatment plant.  
 24 He is currently collecting data on sodium hypochlorite and ferric chloride dosage for PureFlow to  
 25 determine the optimal dosage for the operation treatment plan.

26  
 27 CCSD's General Manager said CCSD has bought a new arsenic field test kit and will begin to use  
 28 the kit starting the second week of September 2016. CCSD will look at the field kit's results and  
 29 determine if it is going to provide an accurate and/or better treatment plant effluent results trend.  
 30 CCSD therefore will be able to adjust its treatment parameter to achieve lower arsenic levels in the  
 31 treatment plant effluent. CCSD took an arsenic sample on September 6, 2016 (before acid-  
 32 washing the filters) and the result came back at 6.9 µg/L. CCSD took another arsenic sample on  
 33 September 14, 2016 and is waiting for the laboratory results.

### 34 **DIRECTIVES**

35 The CCSD is hereby directed to take the following actions:

- 36  
 37  
 38 1. CCSD shall distribute an approved public notification regarding the exceedance of the  
 39 arsenic MCLs to all customers served by CCSD within 30 days of being notified of the

1 exceedance. The notification shall use appropriate Tier 2 required health effects languages and  
2 include a description of the incident. The notification must also be posted in the local paper or  
3 posted in a conspicuous public place or the internet. The format of the notice must be approved by  
4 DDW. The CCSD is also required to submit a certification of public notice to DDW's Santa  
5 Barbara District Office within 30 days of its completion.

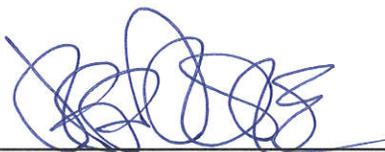
6  
7 2. CCSD shall continue to collect the weekly samples of the treated water from the arsenic  
8 removal filtration plant and have the samples analyzed by a certified laboratory. The results of the  
9 weekly monitoring shall be submitted to the DDW by the 10<sup>th</sup> of the month following the samplings.

10  
11 3. The CCSD shall submit a letter to the DDW Santa Barbara District Office stating a  
12 commitment to comply with the requirements set above. In the letter, the CCSD shall provide a  
13 plan and timeline to the DDW which describes the CCSD's actions/actions taken to achieve  
14 compliance with the arsenic standard. The letter shall be submitted to:

15  
16 Jeff Densmore, P.E., District Engineer  
17 State Water Resources Control Board  
18 Division of Drinking Water, Santa Barbara District  
19 1180 Eugenia Place, Suite 200  
20 Carpinteria, CA 93013-2000  
21

22 **CIVIL PENALTIES**

23 Sections 116650 (d) and (e) of the H&S Code allow for the assessment of a civil penalty for failure  
24 to comply with the requirements of Chapter 4. Failure to comply with any provision of this citation  
25 will result in DDW imposing an administrative penalty not to exceed \$1,000 (one thousand dollars)  
26 per day as of the date of violation of any provision of this citation. If you have any questions  
27 regarding this citation, please contact our office at (805) 566-1326.

28  
29   
30

31 Sept. 19, 2016

32 Jeff Densmore, P.E., District Engineer  
33 Santa Barbara District  
34 SWRCB-DDW  
35

36 Date:



37  
38  
39 cc: Santa Barbara County Environmental Health Services