



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

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

March 23, 2015

Mr. Rapinder Batth  
Batth Dehydrator  
P.O. Box 309  
Caruthers, CA 93609

RE: Batth Dehydrator – System No. 1000465  
Citation No. 03-23-15C-010

Dear Mr. Batth:

The State Water Resources Control Board – Division of Drinking Water (Division) has issued a Citation No. 03-23-15C-010 to Batth Dehydrator water system, for violation of the DBCP MCL of the treated water. The Citation is enclosed. The Citation requires the submittal of a written response, indicating the willingness to respond to the directives within, by **April 15, 2015**.

Further, the Citation requires that the Water System submit a written Response Plan by **April 25, 2015**.

The California Safe Drinking Water Act, Section 116577 provides for this agency to be reimbursed by the public water system for costs incurred for preparing and issuing an enforcement action to that system. Therefore, your water system will be billed for the preparation and issuance of this order. Our costs are approximately \$128 per hour. At this time we have spent approximately 1 hour on enforcement activities associated with this violation. You will receive a bill for these costs in August, following the end of the State's fiscal year, from our Fee Billing Unit in Sacramento.

If you have any questions regarding this matter, please contact Sudarshan Poudyal at (559) 447-3300.

Sincerely,

A handwritten signature in cursive script that reads "Betsy S. Lichti".

Betsy S. Lichti, P.E.  
Senior Sanitary Engineer, Fresno District  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

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STATE OF CALIFORNIA  
WATER RESOURCES CONTROL BOARD  
DIVISION OF DRINKING WATER

**TO:** Batth Dehydrator  
P.O. Box 309  
Caruthers, CA 93609

**Attn:** Rapinder Batth

**CITATION NO. 03-23-15C-010  
FOR  
VIOLATION OF HEALTH AND SAFETY CODE SECTION 116655(a)(1) AND  
THE PRIMARY DRINKING WATER STANDARD FOR DBCP  
Issued on March 23, 2015**

Section 116650 of the California Health and Safety Code (CHSC) authorizes the issuance of a Citation to a public water system for violation of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) (hereinafter "California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.

The State Water Resources Control Board, acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a Citation to the Batth Dehydrator

1 Water System for violation of California Code of Regulations (CCR), Title 22,  
2 Section 64444.

3  
4 **APPLICABLE AUTHORITIES**

5  
6 **CHSC, Section 116555(a)(1) states in relevant part:**

7  
8 (a) Any person who owns a public water system shall ensure that the system  
9 does all of the following:

10 (1) Complies with primary and secondary drinking water standards.  
11  
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13 **CHSC, Section 116655 states in relevant part:**

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

19 (1) Directing compliance forthwith

20 (2) Directing compliance in accordance with a time schedule set by the  
21 department

22 (3) Directing that appropriate preventive action be taken in the case of a  
23 threatened violation

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

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

28 (2) That purification or treatment works be installed

29 (3) That the source of the water supply be changed

30 (4) That no additional service connection be made to the system

31 (5) That the water supply, the plant, or the system be monitored

32 (6) That a report on the condition and operation of the plant, works, system,  
33 or water supply be submitted to the department  
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CCR, Title 22, Section 64444, states in relevant part:

The MCLs for the primary drinking water chemicals shown in Table 64444-A shall not be exceeded in the water supplied to the public.

**Table 64444-A**  
**Maximum Contaminant Levels**  
**Organic Chemicals**

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
(b) Non-Volatile Synthetic Organic Chemicals (SOCs)	
Alachlor	0.002
Atrazine	0.001
Bentazon	0.018
Benzo(a)pyrene	0.0002
Carbofuran	0.018
Chlordane	0.0001
2,4-D	0.07
Dalapon	0.2
<b>Dibromochloropropane</b>	<b>0.0002</b>
Di(2-ethylhexyl)adipate	0.4
Di(2-ethylhexyl)phthalate	0.004
Dinoseb	0.007
Diquat	0.02
Endothall	0.1
Endrin	0.002
Ethylene Dibromide	0.00005
Glyphosate	0.7
Heptachlor	0.00001
Heptachlor Epoxide	0.00001
Hexachlorobenzene	0.001
Hexachlorocyclopentadiene	0.05
Lindane	0.0002
Methoxychlor	0.03
Molinate	0.02
Oxamyl	0.05
Pentachlorophenol	0.001
Picloram	0.5
Polychlorinated Biphenyls	0.0005
Simazine	0.004
Thiobencarb	0.07

Toxaphene	0.003
2,3,7,8-TCDD (Dioxin)	$3 \times 10^{-8}$
2,4,5-TP (Silvex)	0.05

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2 Additional *Applicable Authorities* are located in Attachment A, which is attached  
3 hereto and incorporated by reference.

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**STATEMENT OF FACTS**

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The Bath Dehydrator water system (hereinafter "Water System") is operated under Water Supply Permit No. 03-23-13P-039, issued on December 31, 2013 by the Division.

The Water System is a non-transient non-community water system located in western Fresno County and supplies water for domestic purposes to a dehydrator facility and its employees. The Water System serves a year round population of approximately 50 employees and a seasonal population of approximately 200 persons.

The Water System utilizes groundwater from one groundwater well, Well 01. Water from Well 01 is treated with four (4) parallel Granular Activated Carbon (GAC) pressure filters that were designed and installed by Culligan in 2010. Records indicate each filter consists of 15 ft<sup>3</sup> NSF/ANSI Standard 61 certified coconut shell media and is designed with a filter loading rate of 1 gpm/ft<sup>3</sup> and an Empty Bed Contact Time (EBCT) of 7.5 minutes. Sodium hypochlorite is injected into the combined treated effluent prior to discharging into the distribution system. The GAC treatment plant has failed consistently to produce treated water that

1 meets the DBCP MCL despite continued investigation and improvements to the  
2 plant. The carbon media has not been replaced or regenerated since the initial  
3 installation.

4 For water systems serving a population less than 3,300 individuals, CCR, Section  
5 64445.1(c)(5)(B), establishes an increased quarterly monitoring frequency when  
6 the level of an organic chemical is detected. The section further specifies ongoing  
7 compliance determinations for quarterly organic chemical monitoring; specifically,  
8 if the running annual average concentration (hereinafter "RAA"), based on four  
9 quarterly samples, exceeds the MCL in Table 64444-A, the water system shall be  
10 deemed to be in violation.

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12 The Water System permit requires quarterly monitoring for DBCP from Well 01  
13 and a monthly monitoring from (i) combined GAC effluent and (ii) one of the four  
14 GAC filters in rotation. A summary of the Water System's recent DBCP  
15 monitoring from Well 01 and combined filter effluent is presented in Table 1 and 2  
16 below.

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**Table 1: Well 01 DBCP Monitoring Results (µg/L)**

Sample Quarter	Well 01 (MCL = 0.2 µg/L)		RAA
01/02/2013	0.15		--
04/04/2013	0.92		--
07/02/2013	1.7	1.2 <sup>1</sup>	--
08/20/2013	0.71		
10/03/2013	1.1		<b>0.84</b>
01/03/2014	0.48	0.25 <sup>1</sup>	<b>0.87</b>
03/06/2014	0.025		
04/03/2014	0.46		<b>0.75</b>
07/01/2014	2		<b>0.95</b>
11/10/2014	1.10	1.2 <sup>1</sup>	<b>0.97</b>
12/10/2014	1.3		
01/06/2015	0.028	0.038 <sup>1</sup>	<b>0.92</b>
02/03/2015	0.048		

3 <sup>1</sup> average of samples in the same quarter

4

5 Well 01 DBCP RAA for the four quarter period ending with the first quarter of 2015  
6 is 0.92 µg/L. The combined filter effluent since August 2014 has been consistently  
7 above the MCL and has typically ranged from 0.24 to 0.59 µg/L (MCL = 0.2 µg/L).

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**Table 2: Combined/Treated Effluent DBCP Monitoring Results (µg/L)**

Sample Month	Combined GAC (MCL = 0.2 µg/L)	Quarterly Average	QRAA
03/06/2014	0.016	0.016	-
05/01/2014	0.068	0.064	-
06/03/2014	0.06		
07/01/2014	0.11	<b>0.41</b>	-
08/11/2014	<b>0.41</b>		
09/04/2014	<b>0.53</b>		
09/12/2014	<b>0.58</b>		
10/13/2014	<b>0.48</b>	<b>0.52</b>	<b>0.25</b>
11/10/2014	<b>0.50</b>		
12/02/2014	<b>0.59</b>		
01/06/2015	<b>0.24</b>	<b>0.24</b>	<b>0.31</b>
02/03/2015	<b>0.24</b>		

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1 **DETERMINATION**

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3 Based on the above Statement of Facts, the Division has determined that the

4 Bath Dehydrator Water System has continuously violated the DBCP MCL based

5 on QRAA in the treated water supplied to the customers.

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7 ***Additional Violation***

8 The Water System was issued a Compliance Order No. 03-23-14R-007 on August

9 7, 2014 for violation of Nitrate MCL at Well 01.

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11 **DIRECTIVES**

12 The Bath Dehydrator Water System is hereby directed to take the following

13 actions:

- 14
- 15 1. On or before June 30, 2015, comply with Title 22, CCR, Section 64444 and
- 16 remain in compliance.
- 17
- 18 2. On or before April 15, 2015, submit a written response to the Division
- 19 indicating its agreement to comply with the directives of this Citation and
- 20 with the Response Plan addressed herein.
- 21
- 22 3. Commencing on the date of service of this Citation, provide quarterly public
- 23 notification in accordance with Attachment B, hereto, of Water System's
- 24 failure to meet the DBCP MCL during any calendar quarter that the four-

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quarter running annual average of the treated water combined effluent exceeds the MCL.

4. Commencing on the date of service of this Citation, submit proof of each public notification conducted in compliance with Directive No. 3, herein above, within 10 days following each such notification, using the form provided as Attachment C, hereto.
  
5. Prepare a written Response Plan to be submitted to the Division that identifies all actions already taken to resolve the DBCP MCL violation and additional actions that can quickly be implemented. A time schedule for implementation shall be identified in the Response Plan. The GAC Treatment Plant Operations Plan shall be reviewed to ensure all appropriate response actions are documented and evaluated, including, but not limited to, replacement of the GAC.
  
6. On or before April 25, 2015, submit the written response required under Directive No. 5, above, to the Division.
  
7. Timely perform all actions identified in the Response Plan according to the time schedule set forth therein and as needed to achieve compliance by the deadline specified in Directive No. 1.
  
8. On or before September 30, 2015, submit a report to the Division in the form provided as Attachment D, hereto, showing actions taken in

1           accordance with the Response Plan and the effectiveness of those actions  
2           to achieve compliance with the DBCP MCL.

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4           9. Not later than ten (10) days following the date of compliance with the DBCP  
5           MCL, demonstrate to the Division that the water delivered by Water System  
6           complies with the DBCP MCL.

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8           10. Notify the Division in writing no later than five (5) days prior to the deadline  
9           for performance of any Directive set forth herein if Water System anticipates  
10          it will not timely meet such performance deadline.

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12         All submittal required by this Citation shall be addressed to:

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14           Betsy S. Lichti, P.E., Senior Sanitary Engineer  
15           State Water Resources Control Board  
16           Southern California Branch  
17           Drinking Water Field Operations  
18           265 W. Bullard Avenue, Suite 101  
19           Fresno, CA 93704  
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21  
22         The Division reserves the right to make such modifications to this Citation as it  
23         may deem necessary to protect public health and safety. Such modifications may  
24         be issued as amendments to this Citation and shall be effective upon issuance.  
25         Nothing in this Citation relieves the Water System of its obligation to meet the  
26         requirements of the California SDWA, or any regulation, standard, permit or order  
27         issued thereunder.

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1 If the Water System is unable to perform the tasks specified in this Citation for any  
2 reason, whether within or beyond its control, and if the Water System notifies the  
3 Division in writing no less than five days in advance of the due date, the Division  
4 may extend the time for performance if the Water System demonstrates that it has  
5 used its best efforts to comply with the schedule and other requirements of this  
6 Citation.

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8 **PARTIES BOUND**

9 This Citation shall apply to and be binding upon the Batth Dehydrator, its officers,  
10 directors, shareholders, agents, employees, contractors, successors, and  
11 assignees.

12 **SEVERABILITY**

13 The Directives of this Citation are severable, and the Batth Dehydrator Water  
14 System shall comply with each and every provision thereof, notwithstanding the  
15 effectiveness of any other provision.

16  
17 **FURTHER ENFORCEMENT ACTION**

18 The California SDWA authorizes the Division to: issue citation and compliance  
19 orders with assessment of administrative penalties to a public water system for  
20 violation or continued violation of the requirements of the California SDWA or any  
21 permit, regulation, standard, citation, or order issued or adopted thereunder  
22 including, but not limited to, failure to correct a violation identified in a citation or  
23 compliance order. The California SDWA also authorizes the Division to take  
24 action to suspend or revoke a permit that has been issued to a public water  
25 system if the system has violated applicable law or regulations or has failed to  
26 comply with an order of the Division; and to petition the superior court to take

1 various enforcement measures against a public water system that has failed to  
2 comply with violates an order of the Division. The Division does not waive any  
3 further enforcement action by issuance of this Citation.

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3/23/15

Date

Betsy Lichti

Betsy S. Lichti, PE  
Senior Sanitary Engineer  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

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Attachments:

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- Attachment A: Applicable Authorities
- Attachment B: Public Notification Form
- Attachment C: Proof of Notification Form
- Attachment D: Quarterly Progress Report Form



*Certified mail Receipt NO. - 7010 3090 0002 0396 4093*