



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

March 14, 2004  
System No. 1009214

Mr. Jeff Flores  
Westside Harvesting  
Star Route Box 18  
Kettleman City, CA 93239

**Subject: Citation No. 03-23-14C-028**  
**Disinfection Contact Time Violation – February 2014**

Dear Mr. Flores:

This letter is being sent to notify you that the California Department of Public Health – Drinking Water Program (Department) has issued Citation No. 03-23-14C-009 to the Westside Harvesting water system (Water System) for failure to achieve adequate pathogen inactivation as measured using the CT ratio for two (2) days during the month of February 2014. The Citation includes the certain directives that the Water System must comply with.

The Department notes that an ongoing feasibility study is researching the possibility of connecting the Water System to a consolidated Fresno County Service Area. Please note that further failures of the pathogen inactivation requirements, or failure to comply with the citation directions, will result in additional enforcement actions.

If you have any questions regarding this matter, please contact Philip Dutton or me at (559) 447-3300.

Sincerely,

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

BSL/PD

Cc (with enclosures):

Joe McGuire, Westside Water Conditioning, 45 W. G Street, Los Banos, CA 93635  
Mike Hannah (via email) mikehannah@att.net

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**STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH**

IN RE: **WESTSIDE HARVESTING**  
Water System No. 1009214

TO: MR. JEFF FLORES, RANCH MANAGER  
WESTSIDE HARVESTING  
STAR ROUTE BOX 18  
KETTLEMAN CITY, CA 93239

**CITATION FOR NONCOMPLIANCE  
WITH THE SURFACE WATER TREATMENT RULE**

**February 2014**

**Issued on March 14, 2014**

Section 116650, Chapter 4, Part 12, Division 104 of the California Health and Safety Code (CHSC), authorizes the issuance of a citation for failure to comply with a requirement of the California Safe Drinking Water Act, or any regulation, standard, permit, or order issued hereunder.

**VIOLATION**

The Drinking Water Field Operations Branch of the California Department of Public Health (hereinafter 'Department') hereby issues a Citation to the Westside Harvesting Water System (hereinafter 'Water System'), for failure to comply with Sections 64652(a) and 64654(a) of Title 22, California Code of Regulations (hereinafter 'CCR'). Specifically, the Water System (mailing address: Star Route Box 18, Kettleman City, CA 93239) failed to



1 comply with disinfection treatment requirements for *Giardia* cyst inactivation during the  
2 month of February 2014.

3  
4 The Water System operates under Domestic Water Supply Permit No. 03-23-09P-033,  
5 issued by the Department on May 4, 2009. The Water System is classified as a community  
6 water system serving a reported residential population of approximately 25 persons through  
7 24 service connections. The Water Systems utilizes raw surface water from the California  
8 Aqueduct as the source of supply. The raw surface water was being treated by means of a  
9 direct filtration plant with processes that include: coagulation, sedimentation, pressure  
10 filtration, and disinfection.

11  
12 CCR Section 64652(a) specifies that each supplier using an approved surface water source  
13 shall provide multibarrier treatment that meets the requirements of the Surface Water  
14 Filtration and Disinfection Treatment Regulations (hereinafter 'SWTR') and reliably  
15 ensures that at least a total of 99.9 percent (3.0-log) reduction of *Giardia* cysts and 99.99  
16 percent (4.0-log) reduction of viruses is achieved through filtration and disinfection. The  
17 SWTR provides a 2.0-log removal credit for *Giardia* cysts and a 1.0-log removal credit for  
18 viruses through direct filtration treatment as provided by the Water System. To comply with  
19 Section 64654(a) of the SWTR, the Water System must provide an additional 1.0-log  
20 inactivation of *Giardia* cysts and a 3.0-log inactivation of viruses through disinfection. The  
21 Water System is required to calculate a daily disinfectant pathogen inactivation (CT) ratio  
22 in order to determine the effectiveness of the disinfection treatment. This effectiveness is  
23 dependant on various factors including temperature, pH, the chlorine residual, and the  
24 contact time. At the time of the violation, the Water System was equipped with a single  
25 20,000 gallon storage tank, which acts as the clearwell.



1 The Water System utilizes free chlorine as a method of disinfection. The Water System is  
 2 required to provide a daily CT ratio of at least 1.0 to determine compliance with  
 3 disinfection inactivation requirements and monitor the performance of the disinfection  
 4 process. This ratio is determined by the amount of CT achieved in relation to the amount of  
 5 CT that is required. The Water System failed to maintain a daily CT ratio of 1.0 or greater  
 6 for two (2) days in February 2014. These failures are summarized below in Table 1:

7  
 8 **Table 1: CT Failure Dates**

Date	CT Ratio
2/10/2014	0.98
2/19/2014	0.84

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 10  
 11  
 12 All approved surface water sources utilized by a supplier shall be provided with continuous  
 13 disinfection treatment sufficient to insure that the total treatment process provides  
 14 inactivation of *Giardia lamblia* cysts and viruses, in conjunction with the removals obtained  
 15 through filtration, to meet the reduction requirements specified in Section 64652(a).

16  
 17 **NOTIFICATION REQUIREMENTS**

18 Section 64666(a) requires a surface water system to notify its consumers whenever there is  
 19 a failure to comply with the treatment requirements specified in Sections 64652 and 64654.  
 20 Public notification for violations of Sections 64652 and 64654 of the SWTR is included in  
 21 Attachment A. Proof of Public Notification (Attachment B) must be submitted to the  
 22 Department within ten (10) days of disseminating Attachment A. The Water System must  
 23 either mail or hand-deliver the notice to all of its customers.  
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**DIRECTIVES**

The Westside Harvesting Water System is hereby directed to take the following actions. Failure to comply with the Directives of this citation may result in additional enforcement actions.

1. The Water System shall submit a written report to the Department by **April 18, 2014**, describing:
  - (a) the cause of the failure to provide adequate pathogen inactivation, as measured using the CT ratio, and any corrective actions taken, and
  - (b) any necessary operational changes that will be made to prevent future disinfection treatment failures.
  
2. The Water System shall notify the Department no later than by the end of the next business day or within 24 hours when the calculated CT ratio on any given day is below 1.0.
  
3. The Water System shall provide public notification to all customers by mail or hand-delivery **by April 11, 2014**, informing them that the water did not meet the disinfection treatment requirements of the SWTR during the month of September 2012. The public notification is included in Attachment A. The Water System shall provide proof of publication of the notification to the Department **by April 18, 2014**. A copy of this form is included as Attachment B.



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4. All submittals required by this Citation shall be addressed to:

Betsy S. Lichti, P.E., Senior Sanitary Engineer  
Department of Public Health  
Southern California Branch  
Drinking Water Field Operations  
265 W. Bullard Avenue, Suite 101  
Fresno, CA 93704

**CIVIL PENALTIES**

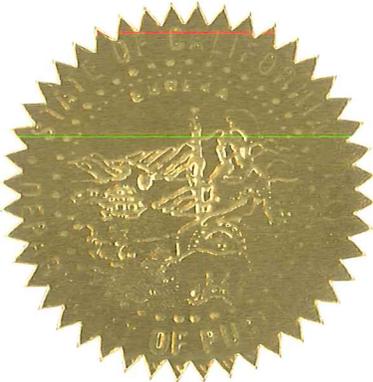
Sections 116650(d) and 116650(e) of the CHSC allow for the assessment of a civil penalty for failure to comply with requirements of the California Safe Drinking Water Act. Failure to comply with any provision of this Citation may result in the Department imposing an administrative penalty of not less than \$100 (one hundred dollars) per day as of the date of violation of any provision of this Citation.

3/14/14  
Date

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

BSL/PD

Attachments:  
Attachment A: Public Notification Form  
Attachment B: Proof of Notification Form



## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

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

### Westside Harvesting

#### Did Not Meet Treatment Requirement (Disinfection)

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.

**“In order to ensure proper disinfection, water in the treatment plant must be in contact with chlorine or a similar disinfectant for a minimum amount of time. For two days in February 2014, this did not occur. Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms. The amount of time necessary, or the “contact time”, depends on the amount of disinfectant in the water and the temperature of the water.”**

#### What should I do?

- **You do not need to boil your water or take other actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Tests taken during this same time period did not indicate the presence of bacteria in the water.
- *Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.* These symptoms, however, are not caused only by organisms in drinking water, but also by other factors. If you experience any of these symptoms and they persist, you may want to seek medical advice.
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from U.S. EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult with your doctor.

#### What happened? What is being done?

[Describe corrective action]. \_\_\_\_\_ . [Disinfectant residual levels/contact times] so far this month have/have not (circle one) met all requirements.

For more information, please contact [name of contact] \_\_\_\_\_ at [phone number] \_\_\_\_\_ or [mailing address] \_\_\_\_\_

*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 public notice in a public place or distributing copies by hand or mail.*

#### Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- SCHOOLS: Must notify school employees, students, and parents (if the students are minors).
- RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS (including nursing homes and care facilities): Must notify tenants.
- BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS: Must notify employees of businesses located on the property.

This notice is being sent to you by Westside Harvesting - Water System ID#: 1009214.  
Date distributed: \_\_\_\_\_.

**PROOF OF NOTIFICATION**  
(Return with copy of the Notification)

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the **Westside Harvesting Water System** of the failure to meet disinfection requirements for the:

month of February 2014.

Notification was made on \_\_\_\_\_ by \_\_\_\_\_  
(date)

hand delivered or mailed/posted written notice.  
(circle all completed)

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature of Water System Representative

\_\_\_\_\_  
Date

**DISCLOSURE:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Due to the Department: April 18, 2014  
Disinfection Contact Time Violation: February 2014  
System Number: 1009214  
Enforcement Action No.: 03-23-14C-028