State of California—Health and Human Services Agency
Department of Public Health

RON CHAPMAN, MD, MPH
Director & State Health Officer

EDMUND G. BROWN JR.
Governor

April 29, 2014

Certified Mail
7012 3460 0003 1113 0079

Paskenta Community Services District
P.O. Box 182
Paskenta, CA 96074

Attention: George Cannon – Paskenta CSD Board President

SUBJECT: PASKENTA CSD PUBLIC WATER SYSTEM NO. 5200534, CITATION FOR FAILURE TO MEET FILTRATION EFFLUENT TURBIDITY STANDARDS

The State of California Department of Public Health – Division of Drinking Water and Environmental Management finds, for the month of March 2014, that the Paskenta Community Services District violated the filter effluent turbidity performance standards codified in Title 22 of the California Code of Regulations. The enclosed is Citation 21-14C-002 for this violation.

Please read the Citation carefully and thoroughly. Public notification is required.

If you have any questions, please contact me at (530) 224-4861.

R. Crenshaw

Reese B. Crenshaw, P.E.
Valley District Engineer
DRINKING WATER FIELD
OPERATIONS BRANCH

Enclosure: Citation 21-14C-002
Public Notification Forms

cc: Tim Potanovic, Tehama County DEH
Janet Zornig, Board Secretary, Paskenta CSD

CITATION NO: 21-14C-002

DEPARTMENT OF PUBLIC HEALTH

In RE: Paskenta Community Services District

TO: Paskenta Community Services District
P.O. Box 182
Paskenta, CA 96074
Attention: George Cannon – Paskenta CSD Board President

WATER SYSTEM NO: 5200534

April 29, 2014

CITATION FOR VIOLATION OF TURBIDITY STANDARDS

per

Section 64653(c), Chapter 17, Title 22, of the California Code of Regulations

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

The California Department of Public Health, Division of Drinking Water and Environmental Management (Department), hereby issues a Citation to Paskenta Community Services District (District), Water System No. 5200534, for failure to comply with the requirements of Section 64653 (c), Table 64653 (2),(A), and (2),(C),(2), Title 22, California Code of Regulations. Table 64653 (2), (A) states the turbidity level of the combined filter effluent "shall be less than or equal to 0.3 NTU in at least 95 percent of the measurements taken each month." Table

64653 (2), (C), (2) states that "a supplier using a continuous monitoring program shall not exceed 1 NTU ....."

APPLICABLE AUTHORITIES

Appendix "A" includes the applicable statutes and/or regulations that apply to this citation.

STATEMENT OF FACTS

The District was issued a permit amendment on June 28, 2001 to continue operating a domestic water supply system that supplies domestic water to the community of Paskenta, located in Tehama County about 20 miles West of the town of Corning. The District, which serves domestic water to approximately 120 Individuals through a total of 67 service connections, is classified as a "community water system" per Section 64400.10, Chapter 15, of the California Domestic Water Quality and Monitoring Regulations.

The domestic water supply utilizes Thomes Creek, an approved surface water source. The surface water source receives conventional filtration treatment followed by chlorination disinfection prior to entering the distribution system. In March of 2014, treatment monitoring records submitted to the Department by the District show the respective percentage for the monthly combined filter effluent turbidity measurements for March, 2014 was less than or equal to 0.3 NTUs in less than 95% of the total number of measurements taken. The highest combined filter effluent turbidity reading was 5.3 NTU measured and recorded on March 11, 2014.

DETERMINATIONS

The Department has determined the District is in violation of Title 22, California Code of Regulations, for failure to comply with the requirements of Section 64653 (c), Table 64653 (1),(A), and (2),(C),(2), which states respectively 1) the turbidity

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OSP 10 119947

level of the combined filter effluent "shall be less than or equal to 0.3 NTU in at least 95 percent of the measurements taken each month" and 2) "a supplier using a continuous monitoring program shall not exceed 1 NTU ....."

DIRECTIVES

To help ensure the District provides drinking water that is pure, wholesome, and potable at all times, and is in compliance with the California Domestic Water Quality and Monitoring Regulations, the District is hereby directed to take the following actions:

1) In the future, the District must comply with the combined filter effluent turbidity performance standards of Table 64653, Section 64653, Title 22, California Code of Regulations.
2) Pursuant to Sections 64463.4 and 64666, Title 22, California Code of Regulations, the District is required to notify the public of turbidity violations. To comply with the Regulations, public notice shall be given as soon as possible, but no later than May 31, 2014. An approved recommended format is enclosed (Appendix B).
3) Also enclosed is a Public Notification Certification form (Appendix C). Please complete the attached Public Notification Certification form and return it to this office within ten days of distribution of the notice. Please include a representative copy of each type of public notice given per Title 22, California Code of Regulations, Section 64469(d).

The Department reserves the right to make such modifications to this Citation, as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

Nothing in this Citation relieves the Water System of its obligation to meet the requirements of Health and Safety Code, Division 104, Part 12, Chapter 4

(California Safe Drinking Water Act), or any regulation, permit, standard or order issued or adopted thereunder.

All submittals required by this Citation shall be submitted to the Department at the following address:

California Department of Public Health
Division of Drinking Water and Environmental Management
364 Knollcrest Drive, Suite 101
Redding, CA 96002
Attention: Reese B. Crenshaw, P.E.
Valley District Engineer

PARTIES BOUND

This Citation shall apply to and be binding upon the Water System, its officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The directives of this Citation are severable, and the Water System shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

FURTHER ENFORCEMENT ACTION

Division 104, Part 12, Chapter 4, (commencing with section 116270) of the California Health and Safety Code authorizes the Department to: issue additional citations with assessment of penalties if the Water System continues to fail to correct a violation identified in a citation; take action to suspend or revoke a

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permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the department. The Department does not waive any further enforcement action by issuance of this citation.

R. Crenshaw

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

4/29/14
Date

Appendices:

A. Applicable Statutes and Regulations
B. Public Notification (Tier 2)
C. Compliance Certification

Certified Mail No. 7012 3460 0003 1113 0079

Appendix "A"

APPLICABLE AUTHORITIES

Section 116655 of the CHSC states in relevant part:

(a) Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:
  (1) Directing compliance forthwith.
  (2) Directing compliance in accordance with a time schedule set by the department.
  (3) Directing that appropriate preventive action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:
  (1) That the existing plant, works, or system be repaired, altered, or added to.
  (2) That purification or treatment works be installed.
  (3) That the source of the water supply be changed.
  (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.

California Code of Regulations (CCR), Section 64653(c) and Table 64653 states:
(c) A supplier shall comply with the combined filter effluent turbidity performance standards in table 64653 for each treatment plant while the plant is in operation:

Table 64653: Combined Filter Effluent Turbidity Performance Standards

Conventional or direct filtration treatment and serves fewer than 10,000 persons	(A) Shall be less than or equal to 0.3 NTU in at least 95 percent of the measurements taken each month; (B) For a supplier using a grab sample monitoring program: 1. Shall not exceed 1 NTU; and 2. Shall not exceed 1.0 NTU in more than two consecutive samples; and (C) For a supplier using a continuous monitoring program: 1. If recording results at least once every 15 minutes, shall comply with paragraph (1)(B); and 2. Shall comply with paragraphs (1)(C) and (1)(D).

Section 64463.4 of CCR: Tier 2 Public Notice

(a) A water system shall give public notice pursuant to this section if any of the following occurs:

(1) Any violation of the MCL, MRDL, and treatment technique requirements, except:

(A) Where a Tier 1 public notice is required under section 64463.1; or

(B) Where the Department determines that a Tier 1 public notice is required, based on potential health impacts and persistence of the violations;

(2) All violations of the monitoring and testing procedure requirements in sections 64421 through 64426.1, article 3 (Primary Standards – Bacteriological Quality), for which the Department determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations;

(3) Other violations of the monitoring and testing procedure requirements in this chapter, and chapters 15.5, 17 and 17.5, for which the Department determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations; or

(4) Failure to comply with the terms and conditions of any variance or exemption in place.

(b) A water system shall give the notice as soon as possible within 30 days after it learns of a violation or occurrence specified in subsection (a), except that the water system may request an extension of up to 60 days for providing the notice. This extension would be subject to the Department's written approval based on the violation or occurrence having been resolved and the Department's determination that public health and welfare would in no way be adversely affected. In addition, the water system shall:

(1) Maintain posted notices in place for as long as the violation or occurrence continues, but in no case less than seven days;

(2) Repeat the notice every three months as long as the violation or occurrence continues. Subject to the Department's written approval based on its determination that public health would in no way be adversely affected, the water system may be allowed to notice less frequently but in no case less than once per year. No allowance for reduced frequency of notice shall be given in the case of a total coliform MCL violation or violation of a Chapter 17 treatment technique requirement; and

(3) For turbidity violations pursuant to sections 64652.5(c)(2) and 64653(c), (d) and (f), as applicable, a water system shall consult with the Department as soon as possible within 24 hours after the water system learns of the violation to determine whether a Tier 1 public notice is required. If consultation does not take place within 24 hours, the water system shall give Tier 1 public notice within 48 hours after learning of the violation.

(c) A water system shall deliver the notice, in a manner designed to reach persons served, within the required time period as follows:

Unless otherwise directed by the Department in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, community water systems shall give public notice by;

(A) Mail or direct delivery to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment

building owners, or large private employers), and other service connections to which water is delivered by the water system; and

(B) Use of one or more of the following methods to reach persons not likely to be reached by a mailing or direct delivery (renters, university students, nursing home patients, prison inmates, etc.):

1. Publication in a local newspaper;
2. Posting in conspicuous public places served by the water system, or on the Internet; or
3. Delivery to community organizations.

Section 64469 of CCR: Reporting Requirements (Relevant Part)

Within 10 days of giving initial or repeat public notice pursuant to Article 18 of this Chapter, except for notice given under 64463.7(d), each water system shall submit a certification to the Department that it has done so, along with a representative copy of each type of public notice given.

Appendix "B"

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.

Paskenta Community Services District
Did Not Meet the Treatment Requirements (Filter Effluent Turbidity Performance Standard)

Our Paskenta Community Services District water system (PCSD) recently violated drinking water standards. Although this incident was not an emergency, as our customers, you have a right to know what happened and what was done to correct this situation.

The PCSD surface water treatment plant filtration process is categorized by the CDPH as conventional filtration treatment. Section 64653, Chapter 17, Title 22, of the California Code of Regulations, specifies that a water system's combined filter effluent (CFE) for a conventional filtration plant shall be better than 0.3 NTUs (turbidity) in at least 95% of the total monthly turbidity measurements. According to the treatment records for March 2014, approximately 40% of the daily turbidity readings exceeded 0.3 NTU with the highest daily reading being 5.3 NTU.

What should you do?

You do not need to boil your water or take other corrective actions.
This is not an emergency. If it had been, you would have been notified immediately.

PCSD routinely monitors your water for turbidity (cloudiness). This parameter measures the effectiveness of the filtration of a water treatment process.

Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

These symptoms are not caused only by organisms in drinking water.

What Happened? What Was Done?

The PCSD water treatment plant completed plant upgrades in March 2014 for which a boil water order was in effect. PCSD also experienced high raw water turbidities during storm periods that impacted the performance of the treatment plant. PCSD has since implemented corrective actions and modified operating procedures at the treatment plant that will help the plant to meet turbidity performance requirements in the future. PCSD is also continually looking at ways to improve plant operations that can make the filtration process more effective. PSCD has hired an new operator that has improved operations.

For more information, please contact _____ of the PCSD at _____.

Please share this information with 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 notice in a public place or distributing copies by hand or mail.

Upon receipt of this notice from a public water system the following establishments must provide secondary notification by distributing this notice within ten days as follows: Schools must notify school employees, students, and parents (if the students are minors). Residential rental property owners or managers (including nursing home and care facilities) must notify tenants. Business property owners, managers, or operators must notify employees of businesses located on the property. [Health and Safety Code Section 116450(g)]

This notice is being sent to you by the Paskenta Community Services District in compliance with the Public Notification Requirements of the State of California Domestic Water Quality and Monitoring Regulations of Title 22, California Code of Regulations.

State Water System ID#: 5200534 Date distributed: _____

Appendix "C"

Certification of Completion of Public Notification

This form when completed and returned to the Division of Drinking Water and Environmental Management (415 Knollcrest Drive, Suite 110, 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: **Paskenta CSD**

Public Water System No: **5200534**

Public notification for the **July, August, September 2006** turbidity failure was performed by the following method(s) (check and complete those that apply):

_____The notice was posted in the following conspicuous places:
A copy of the notice is attached.

_____

_____

_____

Provide the date (or dates) that the notice was posted _____

_____The notice was published in a local newspaper or newsletter on _____
A copy of the newspaper or newsletter notice is attached.

_____The notice was e-mailed to employees or students on _____
A copy of the notice is attached.

_____The notice was posted on the Internet or intranet on _____
A copy of the notice is attached.

_____The notice was directly delivered to each customer on _____
A copy of the notice is attached.

I hereby certify that the above information is factual.

_____
Printed Name

_____
Signature

_____
Date

Appendix "B"

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.

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Upon receipt of this notice from a public water system the following establishments must provide secondary notification by distributing this notice within ten days as follows: Schools must notify school employees, students, and parents (if the students are minors). Residential rental property owners or managers (including nursing home and care facilities) must notify tenants. Business property owners, managers, or operators must notify employees of businesses located on the property. [Health and Safety Code Section 116450(g)]

This notice is being sent to you by the Paskenta Community Services District in compliance with the Public Notification Requirements of the State of California Domestic Water Quality and Monitoring Regulations of Title 22, California Code of Regulations.

State Water System ID#: 5200534 Date distributed: _____

Appendix "C"

Certification of Completion of Public Notification

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Public Water System Name: **Paskenta CSD**

Public Water System No: **5200534**

Public notification for the **March 2014** turbidity failure was performed by the following method(s) (check and complete those that apply):

_____The notice was posted in the following conspicuous places:
A copy of the notice is attached.

_____

_____

_____

Provide the date (or dates) that the notice was posted _____

_____The notice was published in a local newspaper or newsletter on _____
A copy of the newspaper or newsletter notice is attached.

_____The notice was e-mailed to employees or students on _____
A copy of the notice is attached.

_____The notice was posted on the Internet or intranet on _____
A copy of the notice is attached.

_____The notice was directly delivered to each customer on _____
A copy of the notice is attached.

I hereby certify that the above information is factual.

_____
Printed Name

_____
Signature

_____
Date