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GOVERNOR

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SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## State Water Resources Control Board

Division of Drinking Water

August 12, 2015

PWS No. 5710004

Certified Mail Return/Receipt  
No. 7009 2250 0004 3622 0116

Todd Tommeraason, P.E.  
Knights Landing Services District  
608 Court Street  
Woodland, CA 95695

### **KNIGHTS LANDING SERVICES DISTRICT PUBLIC WATER SYSTEM (PWS No. 5710004)**

### **CITATION No. 01\_09\_15C\_007**

Enclosed is the Division of Drinking Water Citation No. 01\_09\_15C\_007 issued to the Knights Landing Water District public water system (PWS# 5710004). Please note there are certain deadlines associated with this Citation.

If you have any questions, please feel free to contact Bruce Berger at (916) 449-5666 or via email at [Bruce.berger@Waterboards.ca.gov](mailto:Bruce.berger@Waterboards.ca.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Ali R. Rezvani".

Ali R. Rezvani, P.E.,  
Sacramento District Engineer  
Drinking Water Field Operations Branch

Enclosures

cc: Bruce Berger - Sanitary Engineer

Jianmin Huang, REHS  
Supervising Environmental Health Specialist  
County of Yolo  
137 N. Cottonwood, Suite 2400  
Woodland, Ca 95695

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, CA 95812-0100 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

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**STATE OF CALIFORNIA**  
**WATER RESOURCES CONTROL BOARD**  
**DIVISION OF DRINKING WATER**

**TO:** Knights Landing Services District  
608 Court Street  
Woodland, CA 95695

**Attn:** Todd Tommeraason, P.E.  
Knights Landing Services District

**CITATION FOR VIOLATION OF CALIFORNIA CODE OF REGULATIONS,  
TITLE 22, SECTIONS 64424 and 64426.1 – WATER SYSTEM NO. 5710004  
CITATION NO. 01\_09\_15C\_007  
Issued on August 12, 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.

In accordance with CHSC, Division 104, Part 12, Chapter 4, Article 1, Section 116271, 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 Knights Landing Services District public water system (PWS No 5710004) (hereinafter, Water System)

1 (Knights Landing Services District, 608 Court Street, Woodland, CA 95695) for  
2 violation of California Code of Regulations (CCR), Title 22, Sections 64424 and  
3 64426.1.

4  
5 **APPLICABLE AUTHORITIES**

6  
7 **Section 116650 of California Health and Safety Code provides:**

- 8
- 9 (a) If the department determines that a public water system is in violation of this  
10 chapter or any regulation, permit, standard, citation, or order issued or  
11 adopted thereunder, the department may issue a citation to the public water  
12 system. The citation shall be served upon the public water system personally  
13 or by certified mail. Service shall be deemed effective as of the date of  
14 personal service or the date of receipt of the certified mail. If a person to  
15 whom a citation is directed refuses to accept delivery of the certified mail, the  
16 date of service shall be deemed to be the date of mailing.
- 17 (b) Each citation shall be in writing and shall describe the nature of the violation  
18 or violations, including a reference to the statutory provision, standard, order,  
19 citation, permit, or regulation alleged to have been violated.
- 20 (c) A citation may specify a date for elimination or correction of the condition  
21 constituting the violation.
- 22 (d) A citation may include the assessment of a penalty as specified in subdivision
- 23 (e) The department may assess a penalty in an amount not to exceed one  
24 thousand dollars (\$1,000) per day for each day that a violation occurred, and  
25 for each day that a violation continues to occur. A separate penalty may be  
26 assessed for each violation.
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**California Code of Regulations, Title 22, Section 64424 provides, in relevant part:**

**64424. Repeat Sampling.**

(a) If a routine sample is total coliform-positive, the water supplier shall collect a repeat sample set as described in paragraph (1) within 24 hours of being notified of the positive result. The repeat samples shall all be collected within the same 24 hour time period. A single service connection system may request that the State Board allow the collection of the repeat sample set over a four-day period.

(1) For a water supplier that normally collects more than one routine sample a month, a repeat sample set shall be at least three samples for each total coliform-positive sample. For a water supplier that normally collects one or fewer samples per month, a repeat sample set shall be at least four samples for each total coliform-positive sample.

(2) If the water supplier is unable to collect the samples within the 24-hour time period specified in subsection (a) or deliver the samples to the laboratory within 24 hours after collection because of circumstances beyond its control, the water supplier shall notify the State Board within 24 hours. The State Board will then determine how much time the supplier will have to collect the repeat samples.

(b) When collecting the repeat sample set, the water supplier shall collect at least one repeat sample from the sampling tap where the original total coliform-positive sample was taken. Other repeat samples shall be collected within five service connections upstream or downstream of the original site.

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At least one sample shall be from upstream and one from downstream unless there is no upstream and/or downstream service connection.

(c) If one or more samples in the repeat sample set is total coliform-positive, the water supplier shall collect and have analyzed an additional set of repeat samples as specified in subsections (a) and (b). The supplier shall repeat this process until either no coliforms are detected in one complete repeat sample set or the supplier determines that the MCL for total coliforms specified in Section 64426.1 has been exceeded and notifies the State Board.

(d) If a public water system for which fewer than five routine samples/month are collected has one or more total coliform-positive samples, the water supplier shall collect at least five routine samples the following month. If the supplier stops supplying water during the month after the total coliform-positive(s), at least five samples shall be collected during the first month the system resumes operation. A water supplier may request the State Board waive the requirement to collect at least five routine samples the following month, but a waiver will not be granted solely on the basis that all repeat samples are total coliform-negative. To request a waiver, one of the following conditions shall be met:

(1) The State Board conducts a site visit before the end of the next month the system provides water to the public to determine whether additional monitoring and/or corrective action is necessary to protect public health.

(2) The State Board determines why the sample was total coliform-positive and establishes that the system has corrected the problem or will correct the problem before the end of the next month the system serves water to the public. If a waiver is granted, a system shall collect at least one routine sample before the end of the next month it serves water to the public and use it to determine compliance with Section 64426.1.

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**California Code of Regulations, Title 22, Section 64426.1 provides, in relevant part:**

**64426.1. Total Coliform Maximum Contaminant Level (MCL).**

(a) Results of all samples collected in a calendar month pursuant to Sections 64423, 64424, and 64425 that are not invalidated by the State Board or the laboratory shall be included in determining compliance with the total coliform MCL. Special purpose samples such as those listed in section 64421(b) and samples collected by the water supplier during special investigations shall not be used to determine compliance with the total coliform MCL.

(b) A public water system is in violation of the total coliform MCL when any of the following occurs:

(1) For a public water system which collects at least 40 samples per month, more than 5.0 percent of the samples collected during any month are total coliform-positive; or

(2) For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or

(3) Any repeat sample is fecal coliform-positive or E. coli-positive; or

(4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is total coliform-positive.

(c) If a public water system is not in compliance with paragraphs (b)(1) through (4), during any month in which it supplies water to the public, the water supplier shall notify the State Board by the end of the business day on which this is determined, unless the determination

1 occurs after the State Board office is closed, in which case the supplier  
2 shall notify the State Board within 24 hours of the determination. The  
3 water supplier shall also notify the consumers served by the water  
4 system. A Tier 2 Public Notice shall be given for violations of  
5 paragraph (b)(1) or (2), pursuant to section 64463.4. A Tier 1 Public  
6 Notice shall be given for violations of paragraph (b)(3) or (4), pursuant  
7 to section 64463.1.

8  
9 **STATEMENT OF FACTS**

10  
11 The Water System is operated under Water Supply Permit No. 72-019, issued on May  
12 19, 1972.

13  
14 The Water System serves approximately 1,025 year-round residents through 287  
15 service connections, and as such, is classified as a community water system. The  
16 Water System consists of one service area. The Water System, according to  
17 Section 64423 of Title 22, is required to collect two samples per month for analysis of  
18 coliform bacteria content to determine compliance with the MCL for total and fecal or  
19 E. coli coliform bacteria.

20  
21 On July 24, 2015, the Water System collected two (2) routine bacteriological samples  
22 from the distribution system. Of the two samples taken on July 24, 2015, one of the  
23 samples had a result of total coliform-present, E.coli-negative.

24  
25 On July 28, 2015, the water system collected two (2) repeat distribution system and  
26 three (3) triggered groundwater source samples in response to the July 24, 2015, total  
27 coliform-positives. One of the two distribution system water samples, and one of the

1 three (3) groundwater source water samples collected on July 28, 2015, were total  
2 coliform-positive and E. coli-negative. No chlorine residuals were taken at the sample  
3 stations at the time of sample collection. On July 28, 2015, the Water System notified  
4 the Division of the violation of the Maximum Contaminant Level (MCL) of the  
5 bacteriological samples collected from the distribution system as required in the Total  
6 Coliform Rule (TCR).

7  
8 On July 31, 2015, the water system collected two (2) repeat distribution system and  
9 three (3) triggered groundwater source samples in response to the July 28, 2015,  
10 distribution system total coliform-positives. One of the three (3) groundwater source  
11 water samples collected on July 31, 2015, was total coliform-positive and E. coli-  
12 negative. No chlorine residuals were taken at the sample stations at the time of  
13 sample collection. The remaining water samples collected during July 2015  
14 monitoring period were negative for the presence of total coliform bacteria.

15  
16 Two water samples collected from the Water System distribution system during July  
17 2015 were total coliform-positive and E. coli-negative, which resulted in non-  
18 compliance with MCL of the TCR.

### 19 20 DETERMINATION

21  
22 The Water System failed to comply with MCL of the TCR regulations for the public  
23 water system distribution samples in the month of July 2015. Consequently, the  
24 Division has determined that the Water System violated Section 64426.1, Title 22, of  
25 the CCR for the month of July 2015.

26

1 Additionally, the Water System failed to collect the proper number of repeat water  
2 samples following a routine water sample that was total coliform-positive.  
3 Consequently, the Division has determined that the Water System violated Sections  
4 64424 (a) (1) and 64424 (b), Title 22, of the CCR for the month of July 2015.

5  
6 Additionally, the Water System failed to collect the proper number of routine samples  
7 following the June 2015 failure to comply with MCL of the TCR. Consequently, the  
8 Division has determined that the Water System violated Section 64424 (d), Title 22, of  
9 the CCR for the month of July 2015.

10  
11 **DIRECTIVES**

12  
13 The Water System is hereby directed to take the following actions:

- 14  
15 1. Comply with Sections 64424 and 64426.1, Title 22, of the CCR in future  
16 monitoring periods.  
17  
18 2. Within 30 days of the issuance of this Citation, notify all persons served by the  
19 Water System of the MCL violation as required by Section 64426.1(c), Title 22,  
20 of the CCR. Notification shall be completed in accordance with each of the  
21 following:  
22  
23 a. Mail or direct delivery of the notice contained in Attachment 'A' to each  
24 customer receiving a bill including those that provide their drinking water to  
25 others (e.g., schools or school systems, apartment building owners, or large  
26 private employers), and other service connections to which water is  
27 delivered by the Water System.

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- b. Provide the notice contained in Attachment 'A' to customers using one or more of the following methods to reach persons not likely to be reached by a public posting:
  - i. Publication in a local newspaper,
  - ii. Posting in conspicuous public places within the service area,
  - iii. Posting on the Internet, or
  - iv. Delivery to community organizations.

Changes and/or modifications to Attachment 'A' shall not be made unless approved by the Division.

- 3. Complete and return Attachment 'B' "Certification of Completion of Public Notification" form within 10 days of giving public notice. A copy of the notice used to provide public notification shall be attached to the form.
- 4. Within 30 days of receipt of this Citation, the Water System shall submit a written response to the Division indicating its willingness to comply with directives of this Citation.
- 5. During the month of August 2015, the Water System shall collect five routine water samples.

The Division 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 deemed effective upon issuance.

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Nothing in this Citation relieves Water System of its obligation to meet the requirements of the California Safe Drinking Water Act, or of any regulation, permit, standard, or order issued or adopted thereunder.

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

Ali R. Rezvani, P.E.  
Sacramento District Engineer  
Division of Drinking Water  
State Water Resources Control Board  
1001 I Street, 13<sup>th</sup> Floor  
Sacramento, CA 95814

**PARTIES BOUND**

This Citation shall apply to and be binding upon the Knights Landing Services District, its officers, directors, shareholders, agents, employees, contractors, successors, and assignees.

**SEVERABILITY**

The Directives of this Citation are severable, and the Knights Landing Services District shall comply with each and every provision thereof, notwithstanding the effectiveness of any other provision.

1 **FURTHER ENFORCEMENT ACTION**

2

3 The California SDWA authorizes the Division to: issue citation with assessment of

4 administrative penalties to a public water system for violation or continued violation of

5 the requirements of the California SDWA or any permit, regulation, permit or order

6 issued or adopted thereunder including, but not limited to, failure to correct a violation

7 identified in a citation or compliance order. The California SDWA also authorizes the

8 Division to take action to suspend or revoke a permit that has been issued to a public

9 water system if the system has violated applicable law or regulations or has failed to

10 comply with an order of the Division; and to petition the superior court to take various

11 enforcement measures against a public water system that has failed to comply with

12 violates an order of the Division. The Division does not waive any further enforcement

13 action by issuance of this citation.

14

15 August 12, 2015

16

17 Date

18 Ali R. Rezvani

19 Ali R. Rezvani, P.E.,

20 Sacramento District Engineer

21 Division of Drinking Water

22 State Water Resources Control Board

23 **Attachments:**

- 24 1. Public Notification Template
- 25 2. Proof of Notification Form

26

27 Certified Mail No. 7009 2250 0004 3622 0116

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29 cc: County of Yolo, Department of Environmental Health

Knights Landing Services District (PWS No. 5710004)

Citation No. 01\_09\_15C-007

August 12, 2015

**ATTACHMENT 1:**

**PUBLIC NOTIFICATION TEMPLATE**

## Instructions for Tier 2 Resolved Total Coliform Notice Template

### Template Attached

Since exceeding the total coliform bacteria maximum contaminant level is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations, Title 22, Chapter 15, Section 64463.4(b)]. **Each water system required to give public notice must submit the notice to the State Water Resources Control Board, Division of Drinking Water (DDW) for approval prior to distribution or posting, unless otherwise directed by the DDW [64463(b)].**

### Notification Methods

You must use the methods summarized in the table below to deliver the notice to consumers. If you mail, post, or hand deliver, print your notice on letterhead, if available.

<i>If You Are a...</i>	<i>You Must Notify Consumers by...</i>	<i>...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...</i>
Community Water System [64463.4(c)(1)]	Mail or direct delivery <sup>(a)</sup>	Publication in a local newspaper
		Posting <sup>(b)</sup> in conspicuous public places served by the water system or on the Internet
		Delivery to community organizations
Non-Community Water System [64463.4(c)(2)]	Posting in conspicuous locations throughout the area served by the water system <sup>(b)</sup>	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting <sup>(b)</sup> on the Internet or intranet
		Direct delivery to each customer

(a) Notice must be distributed 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.

(b) Notice must be posted in place for as long as the violation or occurrence continues, but in no case less than seven days.

The notice attached is appropriate for the methods described above. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and leave the health effects and notification language in italics unchanged. This language is mandatory [64465].

### Multilingual Requirement

The notice must (1) be provided in English, Spanish, and the language spoken by any non-English-speaking group exceeding 10 percent of the persons served by the water

system and (2) include a telephone number or address where such individuals may contact the water system for assistance.

If any non-English-speaking group exceeds 1,000 persons served by the water system but does not exceed 10 percent served, the notice must (1) include information in the appropriate language(s) regarding the importance of the notice and (2) contain the telephone number or address where such individuals may contact the water system to obtain a translated copy of the notice from the water system or assistance in the appropriate language.

### **Population Served**

Make sure it is clear who is served by your water system -- you may need to list the areas you serve.

### **Description of the Violation**

Make sure that the notice is clear about the fact that the coliform problem has been resolved, and there is no current cause for concern. The description of the violation and the MCL vary depending on the number of samples you take. The following table should help you complete the second paragraph of the template.

<b><u>If You Take Fewer Than 40 Samples a Month</u></b>	<b><u>If You Take 40 or More Samples a Month</u></b>
State the number of samples testing positive for coliform. The standard is that no more than one sample per month may be positive.	State the percentage of samples testing positive for coliform. The standard is that no more than 5.0 percent of samples may test positive each month.

### **Corrective Action**

In your notice, describe corrective actions you have taken. Listed below are some steps commonly taken by water systems with total coliform violations. Use one or more of the following actions, if appropriate, or develop your own:

- “We have increased sampling for coliform bacteria to catch the problem early if it recurs.”
- “The well and/or distribution system has been disinfected and additional samples do not show presence of coliform bacteria.”

### **After Issuing the Notice**

Send a copy of each type of notice and a certification that you have met all the public notice requirements to the DDW within ten days after you issue the notice [64469(d)].

It is recommended that you notify health professionals in the area of the violation. People may call their doctors with questions about how the violation may affect their health, and the doctors should have the information they need to respond appropriately.

## 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.

### Knights Landing Services District Had Levels of Coliform Bacteria 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 did to correct this situation.

We routinely monitor for drinking water contaminants. We took six (6) water samples to test for the presence of coliform bacteria during July 2015. Two (2) of those samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month may do so.

#### What should I 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. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.**
- 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 your doctor.

## What happened? What was done?

[Describe corrective action].

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 Knights Landing Services District.

State Water System ID#: 5710004. Date distributed: \_\_\_\_\_.

Knights Landing Services District (PWS No. 5710004)

Citation No. 01\_09\_15C-007

August 12, 2015

**ATTACHMENT 2:**

**PROOF OF NOTIFICATION FORM**

**PROOF OF NOTIFICATION**

**Citation No. 01\_09\_15C\_007**

**Name of Water System: Knights Landing Services District**

**Public System Number: 5710004**

**Certification**

As required by Section 116450 of the California Health and Safety Code, we notified the users of the water supplied by the Knights Landing Services District water system of the violation of the Total Coliform Maximum Contaminant Level (MCL) during the month of July 2015. We complied with Citation No. 01\_09\_15C\_007 as indicated below:

Required Action	Date Completed
Public Notification – Daily Newspaper Notice	
Public Notification – Mail or Hand Delivery	
_____ Signature of Water System Representative	_____ Date

Please attach a copy of the notice as published in the daily newspaper within the areas served by the system.

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT**

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code states 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 each 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 county jail not to exceed one year, or by both the fine and imprisonment.