



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

September 21, 2015  
System No.: 5400917

Mr. Nirmal "Sonny" Singh  
Shop N Go  
38440 Avenue 384  
Kingsburg, CA 93631

RE: **Citation No. 03-24-15C-045**  
**Violation of Title 22, California Code of Regulations, Section 64426.1,**  
**For July 2015**

Dear Mr. Singh:

Enclosed is a Citation issued to the Shop N Go (Water System) public water system.

The Water System will be billed at the Division's hourly rate (currently estimated at \$128.00) for the time spent on issuing this Citation. The California Health and Safety Code Section 116577 provides that a public water system must reimburse the Division for actual costs incurred by the Division for specific enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the Division has spent approximately one hour on enforcement activities associated with this violation.

The Water System will receive a bill sent from the Division of Drinking Water Fee Billing Unit in August of the next fiscal year. This bill will contain fees for any enforcement time spent on Shop N Go for the current fiscal year.

If you have any questions regarding this letter and the enclosed citation, please contact the Tulare District office at (559) 447-3300.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Fischer".

Chad Fischer, P.E.  
Senior Sanitary Engineer, Tulare District  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

CJF/MRC

cc: Tulare County Environmental Health Department  
Ms. Pamela Proctor, Contract Operator (422 N. Douty Street, Hanford, CA 93230)

7709 3117

Citation No. 03-24-15C-045

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

**IN RE: SHOP N GO**  
Water System No. 5400917

**TO: Mr. Nirmal "Sonny" Singh**  
Shop N Go  
38440 Avenue 384  
Kingsburg, CA 93631

**CC: Tulare County Environmental Health Services Department**

**CITATION FOR VIOLATION OF  
CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64426.1  
July 2015**

**Issued on September 21, 2015**

Section 116650 of the California Health and Safety Code 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 (hereinafter "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 Shop N Go (hereinafter "Water System") (38440 Avenue 384, Kingsburg, CA 93631) for violation of California Code of Regulations (CCR), Title 22, Section 64426.1.

1 **APPLICABLE AUTHORITIES**

2 The applicable statutes and regulations are provided in Appendix A, attached hereto and  
3 incorporated by reference.

4  
5 **STATEMENT OF FACTS**

6 The Water System is a transient noncommunity water system serving a population of  
7 approximately 25 persons through 1 service connection.

8  
9 The Water System is required to collect a minimum of one distribution system bacteriological  
10 sample per month. The bacteriological water analysis results submitted by the Water System  
11 reported the presence of total coliform bacteria in nine of sixteen samples collected by the  
12 Water System in July 2015. Three of the positive samples showed the presence of *E. coli*  
13 bacteria.

14  
15 Upon being informed of the presence of total coliform bacteria in one of two routine samples  
16 collected on July 9, 2015, the Division issued a Do Not Drink Notice (DND) to the Water  
17 System. The sample was positive for total coliform bacteria at a level of 104.6 MPN/100mL and  
18 *E.coli* bacteria at a level of 4.1 MPN/100mL. The Water System conducted an emergency  
19 disinfection of the well and the distribution system. Four repeat samples were collected on July  
20 20, 2015. Three of the four samples were positive for total coliform bacteria. None of the  
21 samples were positive for fecal coliform or *E.coli* bacteria. A second set of five repeat samples  
22 were collected on July 28, 2015. All five samples were positive for total coliform bacteria and  
23 two were also positive for *E.coli* bacteria. The Water System conducted a second emergency  
24 disinfection of the well and the distribution system. A third set of five repeat samples were  
25 collected on July 30, 2015, which were negative for coliform bacteria. Based on these results,  
26 the Division lifted the Do Not Drink Notice on August 12, 2015. The Water System has installed  
27

1 continuous chlorination equipment. All distribution water samples collected during July 2015 are  
2 summarized in Attachment A.

3  
4 The cause of the contamination is believed to be from the well. A source sample collected on  
5 July 9, 2015 tested positive for total coliform bacteria at a level of 104.6 MPN/100mL and *E.coli*  
6 bacteria at a level of 4.1 MPN/100mL. The Water System conducted an emergency disinfection  
7 of the well and the distribution system. A source repeat sample was collected on July 20, 2015  
8 and was positive for total coliform bacteria at a level of 10.8 MPN/100 mL and was negative for  
9 *E.coli* bacteria. The Water System conducted a second emergency disinfection of the well and  
10 the distribution system. A second source repeat sample was collected on July 28, 2015 and  
11 was positive for total coliform bacteria at a level of 2.0 MPN/100 mL and was negative for *E.coli*  
12 bacteria. The Water System installed continuous chlorination equipment. A third source repeat  
13 sample was collected on July 30, 2015 and was negative for coliform bacteria.

14  
15 Public notification to the Division and consumers of a water system is required whenever a  
16 violation of the Total Coliform MCL occurs. Notification to the Division is required by the end of  
17 the business day on which the violation has been determined. If the Division is closed,  
18 notification shall be within 24 hours of the determination. The Division was notified on July 17,  
19 2015.

20  
21 Public notification to the consumers of the water system has not been conducted. Attachment B  
22 is a copy of a public notice that the Water System may use to notify its customers. This notice  
23 fulfills the total coliform MCL notification requirements and includes the mandatory language.  
24 Proof of notification is required.

1 **DETERMINATION**

2 Title 22, CCR, Section 64426.1, Total Coliform Maximum Contaminant Level (MCL) provides  
3 that a public water system that collects fewer than 40 bacteriological samples per month has  
4 violated the regulation if more than one sample collected during any month is total coliform  
5 positive.

6  
7 The Division has determined that the Water System failed to comply with Title 22, CCR, Section  
8 64426.1, Total Coliform MCL for the month July 2015 due to the presence of total coliform  
9 bacteria in nine of sixteen samples collected during July 2015.

10  
11 **DIRECTIVES**

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

13  
14 Comply with Title 22, CCR, Section 64426.1, in all future monitoring periods.

15  
16 1. On or before **October 15, 2015** notify all persons served by the Water System of the TCR  
17 MCL violation by utilizing the Tier 2 Public Notice for violations of Section 64426.1. Public  
18 notice shall be given pursuant to Sections 64463.4 [lists method, time frame and delivery]  
19 and 64465 [content & format]. The Water System shall use the public notification template  
20 appended as Attachment C to fulfill the public notification requirements. Section 64463.4  
21 allows transient noncommunity water systems to give public notice by posting the notice in  
22 conspicuous locations throughout the area served by the water system.

23  
24 2. Within ten days of the provisions outlined in Directive No. 2, the Water System shall provide  
25 to the Division certification of public notification using the enclosed Proof of Notification form  
26 (Attachment C).  
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3. The Water System shall collect five (5) routine samples for total coliform analysis during the month of August 2015.
  
4. The Water System shall notify the Division of any further violations of the total coliform MCL by the end of the business day on which the violation has been determined, or, if the Division is closed, within 24 hours of the determination.
  
5. By October 15, 2015, continuous chlorination equipment shall be installed on the discharge of all wells. A measurable chlorine residual shall be maintained in all areas of the distribution system at all times. Information regarding the permanent chlorination equipment and installation procedures shall be submitted to the Division for review and approval prior to installation. The installation shall be conducted by a person qualified and experienced with chlorination equipment. By October 15, 2015, the Water System shall make application to the Division for a permit amendment to allow continuous chlorination of the water supply. Form EH 100 (Attachment D) shall be used to make application. A permit fee of \$258 shall be included at the time the application is submitted to the Division.
  
6. The Water System shall have on staff or under contract a minimum of a D1 Certified Distribution Operator to operate the chlorination equipment. Documentation of the certification of the operator shall be provided to the Division by October 15, 2015. The operator shall visit the well site and review the chlorination treatment on at least a weekly basis and document the date and time of the visit, the settings on the chemical feed equipment, the chlorine stock on hand and the chlorine residual at the well site and in the farthest part of the distribution system. Documentation of the site visits shall be submitted to the Division by the 10th day of the following month.

- 1 7. The chlorine residual shall be measured at the time and location of the collection of the  
2 monthly distribution system bacteriological samples. This residual shall be provided to the  
3 Division on the laboratory analysis report.  
4
- 5 8. The Water System shall initiate monthly sampling of the raw well water for coliform bacteria.  
6 The sample must be collected at a location ahead of chlorination and shall be analyzed for  
7 total and fecal coliform or *E. coli* bacteria using a density analytical method with the  
8 analytical results reported in MPN/100 ml. The results of all samples shall be submitted to  
9 the Division by the 10<sup>th</sup> day of the following month.  
10
- 11 9. The Water System shall collect monthly bacteriological distribution system samples. The  
12 sample shall be collected at the same time as the raw well water sample. The results of all  
13 samples shall be submitted to the Division by the 10<sup>th</sup> day of the following month.  
14
- 15 10. By October 15, 2015, the Water System shall prepare and submit a Bacteriological Sample  
16 Siting Plan (BSSP) to the Division. A guidance document is provided in Attachment E.  
17
- 18 11. The Water System shall initiate distribution sampling for **TTHM and HAA5** on an **annually**  
19 **starting September 2015**. The sample(s) must be collected during the month of warmest  
20 water temperature (July, August or September) from a location representing the maximum  
21 residence time in the distribution system. If the annual sample(s) exceeds the MCL, the  
22 monitoring frequency will be increased to 1 sample per quarter. The Water System must  
23 notify the Division if an exceedance of the TTHM, HAA5 MCLs or Chlorine Disinfectant  
24 MRDL (maximum residual disinfectant level) of 4.0 mg/L occurs. These levels are listed  
25 below.  
26  
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<u>Contaminant</u>	<u>MCL</u>
Total Trihalomethane (TTHM)	0.080 mg/L
Haloacetic Acids (HAA5)	0.060 mg/L
	<u>MRDL</u>
Chlorine	4.0 mg/L as Cl <sub>2</sub>

The Division reserves the right to make such modifications to the 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 the California Safe Drinking Water Act or any regulation, standard, permit or order issued thereunder.

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

Chad Fischer, P.E.  
 Senior Sanitary Engineer  
 State Water Resources Control Board  
 Division of Drinking Water  
 265 W. Bullard Avenue, Suite 101  
 Fresno, CA 93704

**PARTIES BOUND**

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

1 **SEVERABILITY**

2 The Directives of this Citation are severable, and the Water System shall comply with each and  
3 every provision thereof notwithstanding the effectiveness of any provision.  
4

5 **FURTHER ENFORCEMENT ACTION**

6 The California SDWA authorizes the Board to: issue citation with assessment of administrative  
7 penalties to a public water system for violation or continued violation of the requirements of the  
8 California SDWA or any permit, regulation or order issued or adopted thereunder including, but  
9 not limited to, failure to correct a violation identified in a citation or compliance order. The  
10 California SDWA also authorizes the Board to take action to suspend or revoke a permit that  
11 has been issued to a public water system if the system has violated applicable law or  
12 regulations or has failed to comply with an order of the Board; and to petition the superior court  
13 to take various enforcement measures against a public water system that has failed to comply  
14 with an order of the Board. The Board does not waive any further enforcement action by  
15 issuance of this citation.

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18 9/21/15

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19 \_\_\_\_\_  
20 Date

19 \_\_\_\_\_  
20 Chad Fischer, P.E.  
21 Senior Sanitary Engineer, Tulare District  
22 DRINKING WATER FIELD OPERATIONS BRANCH

23 **CJF/MRC**

24 **Attachments:**

- 25 Attachment A: Summary of Distribution Bacteriological Samples from July 2015
- 26 Attachment B: Tier 2 Notice
- 27 Attachment C: Proof of Notification
- Attachment D: Permit Application Form
- Attachment E: BSSP Form & Instructions



25 Certified Mail # 7011 2000 0000 5036 4403

26  
27 03\_24\_15C\_045\_5400917\_21.doc

## APPENDIX A

### Applicable Statues and Regulations for Citation No. 03-24-15C-045

#### Section 116650 of the CHSC states in relevant part:

##### §116650. Citations

- (a) If the Division determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the Division may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The Division may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

#### Section 64424 of Title 22, California Code of Regulations (CCR) states 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 (a)(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 Division 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 Department within 24 hours. The Department 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. 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 §64426.1 has been exceeded and notifies the Department.

- (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 Department 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 Department 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 Department 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 §64426.1.

**Section 64426.1 of Title 22, California Code of Regulations (CCR) states 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 Department or the laboratory shall be included in determining compliance with the total coliform MCL. Special purpose samples such as those listed in §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 Department by the end of the business day on which this is determined, unless the determination occurs after the Department office is closed, in which case the supplier shall notify the Department within 24 hours of the determination. The water supplier shall also notify the consumers served by the water system. A Tier 2 Public Notice shall be given for violations of paragraphs (b)(1) or (2), pursuant to section 64463.4. A Tier 1 Public Notice shall be given for violations of paragraphs (b)(3) or (4), pursuant to section 64463.1.

**Section 64463.4 of Title 22, California Code of Regulations (CCR) states in relevant part:**  
§64463.4. 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;

.....

- (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

.....

- (c) A water system shall deliver the notice, in a manner designed to reach persons served, within the required time period as follows:
- (1) 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.
  - (2) 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, noncommunity water systems shall give the public notice by:

- (A) Posting in conspicuous locations throughout the area served by the water system; and
- (B) Using one or more of the following methods to reach persons not likely to be reached by a public posting:
  - 1. Publication in a local newspaper or newsletter distributed to customers;
  - 2. E-mail message to employees or students;
  - 3. Posting on the Internet or intranet; or
  - 4. Direct delivery to each customer.

**Section 64465. of Title 22, California Code of Regulations (CCR) states in relevant part:**  
§64465. Public Notice Content and Format.

- (a) Each public notice given pursuant to this article, except Tier 3 public notices for variances and exemptions pursuant to subsection (b), shall contain the following:
  - (1) A description of the violation or occurrence, including the contaminant(s) of concern, and (as applicable) the contaminant level(s);
  - (2) The date(s) of the violation or occurrence;
  - (3) Any potential adverse health effects from the violation or occurrence, including the appropriate standard health effects language from appendices 64465-A through G;
  - (4) The population at risk, including subpopulations particularly vulnerable if exposed to the contaminant in drinking water;
  - (5) Whether alternative water supplies should be used;
  - (6) What actions consumers should take, including when they should seek medical help, if known;
  - (7) What the water system is doing to correct the violation or occurrence;
  - (8) When the water system expects to return to compliance or resolve the occurrence;
  - (9) The name, business address, and phone number of the water system owner, operator, or designee of the water system as a source of additional information concerning the public notice;
  - (10) A statement to encourage the public notice recipient to distribute the public notice to other persons served, using the following standard language: "Please share this information with all the other people who drink this water, especially those who may not have received this public 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"; and
  - (11) For a water system with a monitoring and testing procedure violation, this language shall be included: "We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. During [*compliance period dates*], we [*did not monitor or test*] or [*did not complete all monitoring or testing*] for [*contaminant(s)*], and therefore, cannot be sure of the quality of your drinking water during that time."

.....

- (c) Each public notice given pursuant to this article shall contain information in Spanish regarding the importance of the notice, or contain a telephone number or address where Spanish-speaking residents may contact the water system to obtain a translated copy of the public notice or assistance in Spanish. For each non-English speaking group other than Spanish-speaking that exceeds 1,000 residents or 10% of the residents in the community served, whichever is less, the public notice shall:

- (1) Contain information in the appropriate language(s) regarding the importance of the notice, or
  - (2) Contain a telephone number or address where such residents may contact the water system to obtain a translated copy of the notice or assistance in the appropriate language.
- (d) Each public notice given pursuant to this article shall:
- (1) Be displayed such that it catches people's attention when printed or posted and be formatted in such a way that the message in the public notice can be understood at the eighth-grade level;
  - (2) Not contain technical language beyond an eighth-grade level or print smaller than 12 point; and
  - (3) Not contain language that minimizes or contradicts the information being given in the public notice.

**Section 64430. of Title 22, California Code of Regulations (CCR) states in relevant part:  
§64430. Requirements.**

A public water system that uses ground water shall comply with the following provisions of 40 Code of Federal Regulations as they appear in the Ground Water Rule published in 71 Federal Register 65574 (November 8, 2006) and amended in 71 Federal Register 67427 (November 21, 2006) and 74 Federal Register 30953 (June 29, 2009), which are hereby incorporated by reference: Sections 141.21(d)(3), 141.28(a), 141.153(h)(6), Appendix A to Subpart O (Consumer Confidence Reports), 141.202(a)(8), 141.203(a)(4), Appendices A and B to Subpart Q (Public Notification), and 141.400 through 141.405, except that in:

- (a) sections 141.402(a)(1)(ii), (a)(2), (a)(2)(ii), (a)(4), (a)(4)(ii)(A), (a)(5)(i), and (a)(5)(ii), the phrase —§141.21(a) is replaced by —22 California Code of Regulations sections 64422 and 64423,
- (b) sections 141.402(a)(1)(ii) and 141.405(b)(4), the phrase —§141.21(c) is replaced by —22 California Code of Regulations section 64425, and
- (c) section 141.402(a)(2)(iii), the phrase —§141.21(b) is replaced by —22 California Code of Regulations section 64424.

*[Note: The text reflecting this section is provided in Addendum A of this book.]*

**Addendum A**

**§141.402. Ground water source microbial monitoring and analytical methods.**

**(a) Triggered source water monitoring —**

- (1) *General requirements.* A ground water system must conduct triggered source water monitoring if the conditions identified in paragraphs (a)(1)(i) and (a)(1)(ii) of this section exist.
  - (i) The system does not provide at least 4-log treatment of viruses (using inactivation, removal, or a State-approved combination of 4-log virus inactivation and removal) before or at the first customer for each ground water source; and
  - (ii) The system is notified that a sample collected under 22 California Code of Regulations sections 64422 and 64423 is total coliform-positive and the sample is not invalidated under 22 California Code of Regulations section 64425.
- (2) *Sampling requirements.* A ground water system must collect, within 24 hours of notification of the total coliform-positive sample, at least one ground water source sample from each ground water source in use at the time the total coliform-positive sample was collected under 22 California Code of Regulations sections 64422 and 64423, except as provided in paragraph (a)(2)(ii) of this section.

- (i) The State may extend the 24-hour time limit on a case-by-case basis if the system cannot collect the ground water source water sample within 24 hours due to circumstances beyond its control. In the case of an extension, the State must specify how much time the system has to collect the sample.
- (ii) If approved by the State, systems with more than one ground water source may meet the requirements of this paragraph (a)(2) by sampling a representative ground water source or sources. If directed by the State, systems must submit for State approval a triggered source water monitoring plan that identifies one or more ground water sources that are representative of each monitoring site in the system's sample siting plan under 22 California Code of Regulations sections 64422 and 64423 and that the system intends to use for representative sampling under this paragraph.
- (iii) A ground water system serving 1,000 people or fewer may use a repeat sample collected from a ground water source to meet both the requirements of 22 California Code of Regulations section 64424 and to satisfy the monitoring requirements of paragraph (a)(2) of this section for that ground water source only if the State approves the use of *E. coli* as a fecal indicator for source water monitoring under this paragraph (a). If the repeat sample collected from the ground water source is *E. coli* positive, the system must comply with paragraph (a)(3) of this section.
- (3) *Additional requirements.* If the State does not require corrective action under §141.403(a)(2) for a fecal indicator-positive source water sample collected under paragraph (a)(2) of this section that is not invalidated under paragraph (d) of this section, the system must collect five additional source water samples from the same source within 24 hours of being notified of the fecal indicator-positive sample.
- (4) *Consecutive and wholesale systems —*
- (i) In addition to the other requirements of this paragraph (a), a consecutive ground water system that has a total coliform-positive sample collected under 22 California Code of Regulations sections 64422 and 64423 must notify the wholesale system(s) within 24 hours of being notified of the total coliform-positive sample.
- (ii) In addition to the other requirements of this paragraph (a), a wholesale ground water system must comply with paragraphs (a)(4)(ii)(A) and (a)(4)(ii)(B) of this section.
- (A) A wholesale ground water system that receives notice from a consecutive system it serves that a sample collected under 22 California Code of Regulations sections 64422 and 64423 is total coliform-positive must, within 24 hours of being notified, collect a sample from its ground water source(s) under paragraph (a)(2) of this section and analyze it for a fecal indicator under paragraph (c) of this section.
- (B) If the sample collected under paragraph (a)(4)(ii)(A) of this section is fecal indicator-positive, the wholesale ground water system must notify all consecutive systems served by that ground water source of the fecal indicator source water positive within 24 hours of being notified of the ground water source sample monitoring result and must meet the requirements of paragraph (a)(3) of this section.
- (5) *Exceptions to the triggered source water monitoring requirements.* A ground water system is not required to comply with the source water monitoring requirements of paragraph (a) of this section if either of the following conditions exists:

- (i) The State determines, and documents in writing, that the total coliform-positive sample collected under 22 California Code of Regulations sections 64422 and 64423 is caused by a distribution system deficiency; or
- (ii) The total coliform-positive sample collected under 22 California Code of Regulations sections 64422 and 64423 is collected at a location that meets State criteria for distribution system conditions that will cause total coliform-positive samples.

# Bacteriological Distribution Monitoring Report

5400917 Shop N Go

Distribution System Freq: 1/Q

Sample Date	Location	T Coli	E Coli	F Coli	HPC	Type	Cl2	Cl2 Avg	Viol. Type	GWR Satisfied?	Comments
7/30/2015	Sink #2	<1	<1			Repeat	0.2				
7/30/2015	OHB NW	<1	<1			Repeat	0.2				
7/30/2015	OHB SW	<1	<1			Repeat	0.5				
7/30/2015	Well	<1	<1			Source Repeat	0.2				After 2nd Chlorination
7/30/2015	Sink #1	<1	<1			Repeat	0.1				
7/28/2015	5400917-001	2.0	<1.0			Source Repeat					
7/28/2015	Sink #1	2.0	1.0			Repeat	0.50				
7/28/2015	OHB NE	2.0	1.0			Repeat	0.25				
7/28/2015	OHB SW	2.0	<1.0			Repeat	0.25				
7/28/2015	Sink #2	1.0	<1.0			Repeat	0.50				
7/20/2015	Raw Water	10.8	<1			Source Repeat					
7/20/2015	OHB NE Corner	<1	<1			Repeat	0.7				
7/20/2015	OHB SW Corner	4.1	<1			Repeat	0.5				
7/20/2015	Sink Inside Market	1.0	<1			Repeat	0.5				
7/9/2015	OHB NE Corner	A	A			Routine	0.5				
7/9/2015	5400917-001	104.6	4.1			Routine			MCL		DND Issued 7/17

## Violation Key

MCL	Exceeds the maximum contaminant level	MR5	Incorrect number of repeat samples as follow-up to a positive sample
MR1	No monthly sample for the report month	MR6	No source sample
MR2	No quarterly sample for the report month	MR7	No summary report submitted
MR3	Incorrect number of routine samples for the report month	MR8	Other comments and/or info
MR4	Did not collect 5 routine samples for previous month's positive sample	MR9	Cl2 not reported

**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.

**Shop N Go Had Levels of Coliform Bacteria  
Above the Drinking Water Standard**

Our water system recently failed a drinking water standard. Although this incident was 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 sixteen samples to test for the presence of coliform bacteria during July 2015. Nine of these samples showed the presence of total coliform bacteria. The standard is that no more than 1 sample per month may show the presence of coliform bacteria.

**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 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.**
- 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 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 is being done?**

[Describe corrective action.] \_\_\_\_\_ We anticipate resolving the problem within \_\_\_\_\_ [estimated time frame].

For more information, please contact \_\_\_\_\_ [insert name of contact] at \_\_\_\_\_ [insert phone number] or at the following mailing address: \_\_\_\_\_ [insert business/ 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 Shop N Go.

Date distributed: \_\_\_\_\_.

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

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the **Shop N Go (5400917)** of the failure to meet the **total coliform bacteria MCL** for the month of **July 2015** as directed by the Division. At least one primary distribution method is required: mail, hand-delivery or posting in conspicuous locations. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or posting:

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

To summarize report delivery used and good-faith efforts taken, please check all items below that apply and fill-in where appropriate:

- The notice was distributed by mail delivery to each customer served by the water system.
- The notice was distributed by direct delivery to each customer served by the water system. Specify direct delivery method(s) used: \_\_\_\_\_
- Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). \_\_\_\_\_
- Email message to employees or students. \_\_\_\_\_
- Other method used to notify customers. \_\_\_\_\_

**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.

Certified by Name and Title: \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Due to the Division of Drinking Water within 10 days of notification to the public  
Total Coliform MCL Failure / Enforcement Action No.: 03-24-15C-045

**STATE OF CALIFORNIA**  
**APPLICATION**  
**FOR**  
**DOMESTIC WATER SUPPLY PERMIT**  
**FROM**

Applicant: \_\_\_\_\_  
 (Enter the name of legal owner, person(s) or organization)

Address: \_\_\_\_\_

System Name: \_\_\_\_\_

System Number: \_\_\_\_\_

TO: Division of Drinking Water  
 Southern California Branch  
 Drinking Water Field Operations  
 Tulare District Office  
 265 W. Bullard Avenue, Suite 101  
 Fresno, California, 93704



Pursuant and subject to the requirements of the California Health and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), Article 7, Section 116550, relating to changes requiring an amended permit, application is hereby made to amend an existing water supply permit to:

(Applicant must state specifically what is being applied for: whether to construct new works; make alterations or additions in works or sources; or change or modify treatment.)

I (We) declare under penalty of perjury that the statements on this application and on the accompanying attachments are correct to my (our) knowledge and that I (we) are acting under authority and direction of the responsible legal entity under whose name this application is made.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Dated: \_\_\_\_\_

DDW 10/2014

## Division of Drinking Water Tulare District

### GUIDELINES FOR COMPLETING THE BACTERIOLOGICAL SAMPLE SITING PLAN FOR SMALL WATER SYSTEMS

The total coliform regulation requires the water supplier to submit a bacteriological sample siting plan to the Division of Drinking Water (Division), Tulare District Office for review and approval. The locations where samples are to be collected must be written down and formally approved by the Tulare District. These guidelines and Attachment 1, "Bacteriological Sample Siting Plan" Form, are to assist you in complying with these requirements.

To comply with the requirements for submitting a Bacteriological Sample Siting Plan, two (2) items must be submitted to the Tulare District at this time.

1. A system map, street map, or system schematic showing all sampling locations must be submitted. The map can be prepared by any system representative. It does not have to be prepared by an engineer. The following are also to be shown on the map:
  - Water Sources (i.e., well or spring)
  - Treatment Facilities (i.e., chlorination)
  - Storage Tanks
  - Pressure Reducing Stations
  - Booster Stations
  - Pressure Zones
  - Dead Ends
  - Service Area Boundaries
  - Routine Sample Sites
  - Repeat Sample Sites
  - Special Sample Sites
2. Complete Attachment 1, the "Bacteriological Sample Siting Plan" form, and **return the system map and form to the Visalia District for review and approval.**

Once the Bacteriological Sample Siting Plan has been approved by the Division, copies should be provided to the person responsible for sample collection, the laboratory and the person responsible for reporting coliform-positive samples to the Division.

#### Selection of Sampling Sites

The routine sampling sites chosen must be representative of the water distribution system including all pressure zones, areas supplied by each water source and distribution reservoir.

Looped Systems: If your entire water distribution system is looped, then one routine sample point may be representative of your system, assuming valves are open.

Pressure Zones: You should only be concerned about sampling in different pressure zones if your water system serves different areas of varying elevations, for example in mountainous areas.

***How many routine sampling sites are required?***

A minimum of five (5) routine sampling sites must be selected and indicated on your map and sampling plan form. If your water system is required to collect fewer than 5 routine samples a month, then 5 routine samples must be collected the month following any coliform positive sample. This is the reason for identifying 5 routine sites in your plan.

If the water system is not adequately represented by 5 routine sample locations, you may identify additional locations and collect more than one sample per month. Each site identified should be rotated for sampling at least every three months.

***How many repeat sampling sites are required?***

For systems normally **collecting one or fewer samples per month**, a repeat sample set consists of four samples (could be greater than four if more than one source is providing water to the distribution) to be collected from the following locations:

- One repeat sample from the same routine location.
- One repeat sample from an *upstream location* (within 5 connections of the routine site).
- One repeat sample from a *downstream location* (within 5 connections of the routine site).
- One repeat sample from the operating well or another location within the system that would best help to identify the source or area of contamination.

The following criteria should be considered when determining where to collect the fourth repeat sample:

- For systems with only one active well and do not provide continuous chlorination, the sample may be collected at the wellhead.
- For systems with more than one active well, it may not be possible to determine which well was serving the area where the positive routine sample was collected. For these systems, the fourth repeat sample should be collected at a storage tank or another point in the distribution system.
- For systems providing continuous chlorination, the system should already be conducting raw-water bacteriological monitoring at a point ahead of chlorination on at least a quarterly basis. These samples should be used to determine if the source of bacteriological contamination is from the well itself. For these systems, the fourth repeat sample should be collected at a storage tank or another point in the distribution system.
- Contact the Tulare District Office for assistance.

For systems collecting **more than one routine sample per month**, a repeat sample set consists of three samples from the following locations:

- One repeat sample from the same routine location.
- One repeat sample from an upstream location (within 5 connections of the routine site).
- One repeat sample from a downstream location (within 5 connections of the routine site).

**Note: All active groundwater sources in operation at the time of the coliform-positive sample must also be sampled along with the repeat sample set.**

***What if the water system does not have enough locations to select the required number of routine and repeat sample sites?***

If the water system does not have enough sample locations to identify 5 routine sites and 3 to 4 repeat sites per routine, you may either (1) identify fewer than 5 routine sites as long as the sampling adequately reflects water quality in the distribution system, or (2) use some of the routine sites as repeat sites for other routines (i.e., double up on use of available sites).

**Pointers for Sample Site Selection**

- When selecting a routine sample site you should be able to select a site upstream and a site downstream for repeat sampling.
- Select a site where the water is used continuously all year round.
- Pick a site that is easily accessible, i.e., a fenced yard with a locked gate and vicious dog is not a good selection.
- When choosing a sampling tap you should consider these factors:  
The sampling tap should be located in as clean an environment as possible. It should be protected from contamination by humans, animals, airborne materials or other sources of contamination.

If you choose an outside private tap, it should be one that is in frequent use, clean, and at least 1½ feet (18 inches) above the ground. The sample tap should discharge downward.

If you choose an inside tap, be sure that you are not sampling from drinking fountains; taps that have aerators or strainers, or swivel faucets; or taps off of individual homeowner treatment units.

Do not choose a fire hydrant as sampling tap.

Avoid taps that are surrounded by excessive foliage or taps that are dirty or corroded.

Avoid taps that leak, have fittings with packing, or have permanent hoses or attachments fastened to the tap (Never collect a sample from a hose).

Avoid the use of dead ends for routine sample collection, and use them for repeat samples only if no other sample sites are available and if there is continuous water use from a service off the dead-end.

**Instructions for Completing the  
Bacteriological Sample Siting Plan Form**

This form has been designed to include all the requirements for the Bacteriological Sample Siting Plan.

- **Public Water System Classification**  
The public water system (PWS) classification for your water system is either community, nontransient noncommunity or transient noncommunity. This classification determines the type and frequency of all water quality testing. If you are uncertain of your classification, contact the Visalia District.
- **Month/Daily Users**  
The monthly population determines the frequency of bacteriological sample collection for community water systems. The daily population determines the frequency of sample collection for transient and nontransient noncommunity systems.
- **Active Service Connections (Community water systems only)**

This is the number of active hook-ups served by the system. If your system has a hook-up to a vacant lot, do not count this as an active connection. If a vacant lot has a right to a future connection, do not count this as an active connection. If a residence is connected to the system, but the residence is vacant, count this as an active hook-up.

- **Sampling Frequency**

This is the minimum number of routine bacteriological samples required at the frequency specified. If any routine sample is positive for coliform bacteria, additional repeat samples will be required. Repeat samples are in addition to the required routine samples. If you are uncertain of the routine sampling frequency for your water system, contact the Visalia District.

A coliform-positive sample will increase the routine monitoring for a small system the following month. A system normally collecting less than 5 routine samples per month, which has a coliform positive sample, must collect a minimum of five (5) routine samples the following month.

- **Trained Sampler**

The person collecting samples must be trained.

Sampling Service: Water systems utilizing a certified laboratory or other sampling service for water sample collection will be considered to have trained samplers. Enter the name of the laboratory or sampling service collecting your samples. A copy of the approved Bacteriological Sample Siting Plan should be provided to the laboratory or sampling service, if one is used.

Other Trained Samplers: Any person receiving a certificate from AWWA for attendance of the Water Sampling Training should submit a copy of their certificate along with the completed form. Any other samplers should submit a statement of their experience and training to this office for approval.

- **Analyzing Lab**

Enter the state-certified laboratory, which will be analyzing your water samples.

- **Person Responsible to Report Coliform-Positive Samples to CDPH**

This should be the person that the laboratory is required to contact when a sample is total or fecal coliform positive. This person must notify the Division within 24 hours of a violation of the total coliform standard (more than one positive sample in a month) or when any sample is fecal or *E. coli* positive. This person should have the authority to take corrective action as required by regulation and the Division. This should be the same person listed on your Emergency Notification Plan.

- **Day/Evening Phone Number**

The Division requires that the water system provide the phone numbers of the person listed above so that they can be contacted by the laboratory or the Division at any time during the day or evening in the event of a bacteriological emergency.

- **Signature and Date**

The person preparing the Sample Siting Plan should sign and date the plan. If the Division has questions regarding the sampling plan, this is the person to be contacted.

- **Sample ID**

This should be entered on the laboratory slip when the sample is turned into the laboratory. This is the unique identifier for the water sample location or the location address may also be used. For systems, which have no more than five (5) routine locations, these routine sites will be 1-ROU, 2-ROU, 3-ROU, 4-ROU, and 5-ROU.

For systems collecting one or fewer routine samples per month, a minimum of five (5) routine sampling sites with three (3) repeat sampling sites for each routine sample locations must be listed.

For systems collecting more than one routine sample per month, a minimum of five (5) routine sampling sites with two (2) repeat sampling sites for each routine sample location must be listed. Repeat sample sites are to be located within five (5) service connections upstream and downstream of the routine sample site.

All sample locations should be marked in some way with the Sample ID or location address, i.e., the code painted on the sampling location or tagged with a water proof tag so the person collecting the water sample is sure to collect the water from the correct sample locations.

- **Sample Type**

This describes what type of sample (routine or repeat) is to be collected at this location.

- **Sample Point**

This is the type of the sample location. Use the following abbreviations, when appropriate.

HB	Hose Bib (exterior)
SF	Sink Faucet
PC	Goose Neck Type Copper Tube with Pet Cock

- **Location of Sample Point**

This is the description of the area in the distribution that the sample site is located. Routine sample sites shall not be located at dead ends.

DE	Dead End (Not Recommended)
PZ	Pressure Zone
RD	Representative Distribution

- **Location Address**

This is the actual physical location where the water sample is to be collected. If possible use a street address, i.e., 103 Good Street. If the location does not have a street address, use the nearest crossroads or use the last name of the resident, i.e., "Brown Residence." If the location is a business, please list the business name and address.

When describing the location, keep in mind that the person collecting water samples must be able to locate the sample site from your description.

- **Months Sample Collected at This Location**

This is the schedule for routine samples to be collected. For example, suppose two (2) sites are representative of your systems. Site No. 1 will be sampled in January, March, May, July, September, and November. Site No. 2 will be sampled in February, April, June, August, October, and December. All routine sites identified should be rotated to allow sampling at least every 3 months.

## BACTERIOLOGICAL SAMPLE SITING PLAN FOR SMALL WATER SYSTEMS

System No.:		System Name:			List all Active Sources that may need to be sampled for each Total Coliform Positive:	
PWS Classification:		No. Monthly Users: Daily Users:				
No. Active Service Connections:		Sampling Frequency:				
Name of Trained Sampler:		Analyzing Lab:			Day/Evening Phone No:	
Person responsible to report coliform-positive samples to the Division:						
Signature of Water System Representative: _____ Date: _____						
Sample ID	Sample Type	Sample Point	Location of Sample Point	Address of Sample Point	Months Sample Collection at this Location	
1-ROU	Routine					
1-REP1	Repeat				Repeat Sample Only	
1-REP2	Repeat				Repeat Sample Only	
1-REP3 *	Repeat				Repeat Sample Only	
2-ROU	Routine					
3-ROU	Routine					
4-ROU	Routine					
5-ROU	Routine					
<b><u>If the water system has one or more total coliform-positive samples, at least five routine samples will be collected the following month.</u></b>						
If chlorine is being used, is it used on a continuous basis? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, raw water samples must be taken. Frequency is _____.						
* May be a source sample to satisfy the triggered source monitoring requirement under the Ground Water Rule (if more than one source; designate all sources to be sampled). Please be aware that this designation will count towards compliance with the total coliform MCL (maximum contaminant level).						