

**State Water Resources Control Board**

Division of Drinking Water

July 10, 2015  
System No.: 1503209

Mr. Taylor Howze  
Superior Mutual Water Company  
19478 Enos Lane  
Bakersfield, CA 93314

RE: **Citation No. 03-12-15C-010**  
**Violation of Title 22, California Code of Regulations, Section 64426.1**

Dear Mr. Howze:

Enclosed is a Citation issued to the Superior Mutual Water Company (Water System) public water system.

The Water System will be billed at the Division's hourly rate (currently estimated at \$126.00) 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 specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation.

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 this Water System for the current fiscal year.

If you have any questions regarding this letter and the enclosed citation, please contact Eli McFarland of my staff or me at (559) 447-3300.

Sincerely,



Tricia A. Wathen, P.E.  
Senior Sanitary Engineer, Visalia District  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

TAW/LR

Enclosures

cc: Kern County Environmental Health Department

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

IN RE: **SUPERIOR MUTUAL WATER COMPANY**  
Water System No.: 1503209

TO: Mr. Taylor Howze  
19478 Enos Lane  
Bakersfield, CA 93314

**Issued: July 10, 2015**

**CITATION FOR NONCOMPLIANCE OF  
TOTAL COLIFORM MAXIMUM CONTAMINANT LEVEL VIOLATION  
TITLE 22, CALIFORNIA CODE OF REGULATIONS, SECTION 64426.1,**

**MAY 2015**

Section 116650 of the California Health and Safety Code (hereinafter "CHSC"), authorizes the State Water Resources Control Board (hereinafter "Water Board") to issue a citation to a public water system when the Water Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

The Water Board, acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division, hereby issues this citation pursuant to

1 Section 116650 of the CHSC to the Superior Mutual Water Company (hereinafter "System")  
2 for violation of CHSC, Section 116555(a)(1) and Title 22 California Code of Regulations  
3 (hereinafter "CCR"), Section 64426.1.

4  
5 A copy of the applicable statutes and regulations are included in Appendix 1, which is  
6 attached hereto and incorporated by reference.

7  
8 **STATEMENT OF FACTS**

9 The System is classified as a nontransient noncommunity water system serving a population  
10 of approximately 61 persons through 49 service connections. The bacteriological water  
11 analysis results received by the Division reported the presence of total coliform bacteria in  
12 four (4) of ten (10) distribution samples collected by the System in May 2015. None of the  
13 positive samples showed the presence of fecal coliform or *E. coli* bacteria. All distribution  
14 water samples for coliform bacteria collected in May 2015 are summarized in Attachment A.

15  
16 Based on data submitted to the Division, the District did not collect their raw water well  
17 samples in accordance with the Groundwater Rule (GWR) in response to the total coliform  
18 positive routine samples collected on May 13, 2015. Furthermore, only 4 of 5 required  
19 distribution routine samples were received by the Division for the month of June 2015.

20  
21 Public notification to the Division was conducted on May 14, 2015, however, proof of  
22 notification to the consumers of the System has not been received.

23  
24 **DETERMINATION**

25 Title 22, CCR, Section 64426.1, Total Coliform Maximum Contaminant Level (MCL) states  
26 that a public water system is in violation of the total coliform MCL if it collects fewer than 40  
27

1 bacteriological samples per month and more than one sample collected during any month, is  
2 total coliform-positive. In addition, Section 64424 states that a public water system for which  
3 fewer than five routine samples/month are collected has one or more total coliform-positive  
4 samples, the water supplier shall collect at least five routine samples the following month.  
5

6 The Division has determined that the water produced by the System failed to comply with  
7 Title 22, CCR, Section 64426.1, Total Coliform MCL due to the presence of total coliform  
8 bacteria in 4 of 10 samples collected in May 2015. Furthermore, the Division has  
9 determined that the System also failed to comply with Section 64424 since only 4 of 5  
10 samples were collected in the month of June 2015  
11

### 12 DIRECTIVES

13 System is hereby directed to take the following actions:  
14

- 15 1. Comply with Title 22, CCR, Section 64426.1, in all future monitoring periods.  
16
- 17 2. On or before **July 31, 2015**, notify all persons served by the System of the violation by  
18 utilizing the Tier 2 Public Notice for violations of Section 64426.1. Public notice shall  
19 be given pursuant to Sections 64463.4 [lists method, time frame and delivery] and  
20 64465 [content & format]. The System shall use the public notification template  
21 appended as Attachment C to fulfill the public notification requirements. The  
22 notification shall be completed in accordance with the following methods:
  - 23 • By posting the notice in conspicuous locations throughout the area served by the  
24 water system.
  - 25 • And by the use of one or more of the following methods in order to reach persons  
26 not likely to be reached by a public posting: publication in a local newspaper or  
27

1 newsletter distributed to customers, e-mailing the public notice to water system  
2 customers, post the public notice on the internet, or by delivery to each customer.  
3

4 3. On or before **July 31, 2015**, the System shall provide to the Division certification of  
5 public notification using the enclosed Proof of Notification form (Attachment D). A  
6 copy of the final notice that was provided shall also be submitted to the Division with  
7 the proof of notification form.  
8

9 4. Whenever the System has one or more total coliform positive samples in a given  
10 month, at least five (5) routine samples shall be collected the following month as  
11 required by Section 64424(d).  
12

13 5. In the event that a distribution sample is coliform positive, the System is required to  
14 collect samples for bacteriological evaluation from the well(s) serving the system within  
15 24 hours of being notified of the coliform positive result. Based on data submitted to  
16 the Division, the District did not collect their raw water well samples in accordance with  
17 the Groundwater Rule (GSR) in follow up to the total coliform positive routine samples  
18 collected on April 14 and April 22, 2010.  
19

20 6. By **July 31, 2015**, the System shall complete and submit the enclosed "Positive Total  
21 Coliform Investigation" form to the Division that describes the incident and all  
22 corrective actions taken, and the results of the investigation. The appropriate  
23 investigation report is provided as Attachment E.  
24  
25  
26  
27

1 7. The System shall initiate monthly sampling of the raw well water for coliform bacteria.  
2 The sample must be collected at a location ahead of chlorination and shall be  
3 analyzed for total and fecal coliform or *E. coli* bacteria using a density analytical  
4 method with the analytical results reported in MPN/100 ml. The results of all samples  
5 shall be submitted to the Division by the 10<sup>th</sup> day of the following month.  
6

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

9 Tricia Wathen, Senior Sanitary Engineer  
10 State Water Resources Control Board  
11 Division of Drinking Water, Visalia District  
12 265 W. Bullard Ave, Suite 101  
13 Fresno, CA 93704

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

17 Nothing in this Citation relieves System of its obligation to meet the requirements of the  
18 California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section  
19 116270), or any regulation, standard, permit or order issued or adopted thereunder.  
20

21 **PARTIES BOUND**

22 This Citation shall apply to and be binding upon the System, its owners, shareholders,  
23 officers, directors, agents, employees, contractors, successors, and assignees.  
24  
25  
26  
27

**SEVERABILITY**

The Directives of this Citation are severable, and the System shall comply with each and every provision hereof, notwithstanding the effectiveness of any other provision.

**FURTHER ENFORCEMENT ACTION**

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

*Tricia Wathen*

Tricia Wathen, P.E.  
Senior Sanitary Engineer, Visalia District  
DRINKING WATER FIELD OPERATIONS BRANCH

*July 10, 2015*  
Date

Certified Mail No. 7014 3490 0001 7868 8910

- TAW/LR
- Appendix 1: Applicable Statutes and Regulations
- Attachment A: Summary of Distribution Bacteriological Samples
- Attachment B: Summary of Source Bacteriological Samples
- Attachment C: Public Notice template
- Attachment D: Proof of Notification Form
- Attachment E: Positive Total Coliform Investigation report



## APPENDIX 1

### Applicable Statutes and Regulations for Citation No. 03\_12\_15C\_010

#### Section 116555(a)(1) of the CHSC states in relevant part:

- (a) Any person who owns a public water system shall ensure that the system does all of the following:
- (1) Complies with primary and secondary drinking water standards.

#### 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.

#### California Code of Regulations, Section 64424 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.

**California Code of Regulations, Section 64426.1 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.

**California Code of Regulations (CCR), Section 64463.4 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.

**California Code of Regulations (CCR), Section 64465 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.

### **Ground Water Rule**

#### **California Code of Regulations (CCR), Section 64430 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)II is replaced by —22 California Code of Regulations sections 64422 and 64423II,
- (b) sections 141.402(a)(1)(ii) and 141.405(b)(4), the phrase —§141.21(c)II is replaced by —22 California Code of Regulations section 64425II, and
- (c) section 141.402(a)(2)(iii), the phrase —§141.21(b)II is replaced by —22 California Code of Regulations section 64424II.

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

### **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

1503209 Superior Mutual Water Company

Distribution System Freq: 1/M

Sample Date	Location	T Coli	E Coli	F Coli	HPC	Type	Cl2	Cl2 Avg	Viol. Type	GWR Satisfied?	Comments
6/10/2015	31110 7th Standard	A	A			Routine	0.14				
6/10/2015	9309 Enos Ln	A	A			Routine	0.0		MR4		
6/10/2015	9323 Enos Ln	A	A			Routine	0.0				
6/10/2015	9521 Enos Lane	A	A			Routine	0.0				
5/15/2015	31110 7th Std. Rd.	<1	<1			Repeat	0.31				
5/15/2015	9309 Enos Ln.	<1	<1			Repeat	0.09				
5/15/2015	9483 Enos Ln.	<1	<1			Repeat	0.43				
5/15/2015	9521 Enos Ln.	<1	<1			Repeat	0.07				
5/15/2015	19474 B Enos Ln.	<1	<1			Repeat	0.39				
5/13/2015	31110 7th Std. Rd.	P	A			Routine	0.00				
5/13/2015	9309 Enos Ln.	P	A			Routine	0.15				
5/13/2015	9483 Enos Ln.	A	A			Routine	0.10				
5/13/2015	19474 B Enos Ln.	P	A			Routine	0.00				
5/13/2015	9521 Enos Ln.	P	A			Routine	0.00		MCL		
4/8/2015	9309 Enos Lane	A	A			Routine					
4/8/2015	9323 Enos Lane	A	A			Routine					
4/8/2015	9483 Enos Lane	A	A			Routine					
4/8/2015	9521 Enos Lane	A	A			Routine					
4/7/2015	31110 7th Standard Rd.	A	A			Routine	0.25				
3/9/2015	31110 7th Standard Rd.	A	A			Repeat					
3/9/2015	9309 Enos Lane	A	A			Routine					
3/9/2015	19474 Enos Lane	A	A			Repeat					
3/9/2015	9483 Enos Lane	A	A			Repeat					
3/9/2015	9521 Enos Lane	A	A			Repeat					
3/4/2015	31110 7th Standard Rd.	P	A			Routine					
3/4/2015	9309 Enos Lane	P	A			Routine			MCL		4/16/15 Issued Cit 03-12-15C-004.
3/4/2015	9474 Enos Lane	A	A			Routine					
3/4/2015	9483 Enos Lane	P	A			Routine					
3/4/2015	9521 Enos Lane	P	A			Routine					
2/9/2015	19066 Beech Ave.	A	A			Repeat					
2/9/2015	9483 Enos Ln.	A	A			Repeat					
2/9/2015	9309 Enos Ln.	A	A			Repeat					
2/5/2015	9483 Enos Ln.	P	A			Routine					
1/8/2015	19066 Beech Ave	A	A			Routine					

## 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

# Source Bacteriological Monitoring Report

*1503209 Superior Mutual Water Company*

<i>Sample Date</i>	<i>Time</i>	<i>Source</i>	<i>Sample Type</i>	<i>Test Method</i>	<i>T Coli</i>	<i>E Coli</i>	<i>F Coli</i>	<i>HPC</i>	<i>Violation</i>	<i>Comments</i>
6/10/2015	13:11	Well 1	Well	P/A	A	A				
3/6/2015	11:15	Well 1	GWR Well	MPN	<1	<1				
2/9/2015	9:22	Well 1	GWR Well	P/A	A	A				

**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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**Superior Mutual Water Company Has Levels of Coliform Bacteria  
Above the Drinking Water Standard**

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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 \_\_\_\_\_ [Insert number of samples] samples to test for the presence of coliform bacteria in May 2015. \_\_\_\_\_ [Insert Number positive] 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 Superior MWC system.

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 **Superior Mutual Water Company (1503209)** of the failure to meet the **total coliform bacteria MCL** for the month of **May 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: \_\_\_\_\_

**POSITIVE TOTAL COLIFORM INVESTIGATION  
Simple Well with Pressure Tank Systems**

This form is intended to assist public water systems in completing the investigation required by the Division of Drinking Water (Section 64426(b) of Title 22, California Code of Regulations) and may be modified to take into account conditions unique to the system.

**ADMINISTRATIVE INFORMATION**

<b>PWS Name:</b>		<b>PWSID NUMBER:</b>	
Operator in Responsible Charge (ORC)		Address	
Person that collected TC samples if different than ORC		Telephone #	
Owner			
Certified Laboratory for Microbiological Analyses			
Date Investigation Completed:			
Month(s) of Total Coliform MCL Failure:			

**INVESTIGATION DETAILS**

SOURCE	WELL (name)	WELL (name)	WELL (name)	WELL (name)	COMMENTS
1. Inspect each well head for physical defects and report					
a. Is raw water sample tap upstream from point of disinfection?					
b. Is wellhead vent pipe screened?					
c. Is wellhead seal watertight?					
d. Is well head located in pit or is any piping from the wellhead submerged?					
e. Does the ground surface slope towards well head?					
f. Is there evidence of standing water near the wellhead?					
g. Are there any connections to the raw water piping that could be cross connections? (describe all connections in comments)					
h. Is the wellhead secured to prevent unauthorized access?					
i. To what treatment plant (name) does this well pump?					
j. How often do you take a raw water total coliform (TC) test?					
k. Provide the date and result of the last TC test at this location					

**DISTRIBUTION SYSTEM**

**SYSTEM RESPONSES**

1. What is the minimum pressure you are maintaining in the distribution system?	
2. Did pressure in the distribution system drop to less than 5 psi prior to experiencing the TCR positive finding.	

# POSITIVE TOTAL COLIFORM INVESTIGATION

DISTRIBUTION SYSTEM	SYSTEM RESPONSES
3. Has the distribution system been worked on within the last week? (service taps, hydrant flushing, main breaks, main extensions, etc.) If yes, provide details.	
4. Are there any signs of excavations near your distribution system not under the direct control of your maintenance staff?	
5. Did you inspect your distribution system to check for mainline leaks? Do you or did you have a mainline leak?	
6. If there was a mainline leak, when was it repaired?	
7. On what date was the distribution system last flushed?	
8. Is there a written flushing procedure you can provide for our review?	
9. Do you have an active cross connection control program?	
10. What is name and phone number of your Cross-Connection Control Program Coordinator?	
11. Is the review and testing of backflow prevention devices current?	
12. On what date was the last physical survey of the system done to identify cross-connections?	

SAMPLE SITE EVALUATION (Complete for all TC+ or EC+ findings)	Routine Site TC+ or EC+	Upstream Site	Downstream Site	Sample 4 (specify)
1. What is the height of the sample tap above grade? (inches)				
2. Is the sample tap located in an exterior location or is it protected by an enclosure?				
3. Is the sample tap threaded, have a swing arm (kitchen sink) or aerator (sinks)?				
4. Is the sample tap in good condition, free of leaks around the stem or packing?				
5. Can the sample tap be adjusted to the point where a good laminar flow can be achieved without excessive splash?				
6. Is the sample tap and area around the sample tap clean and dry (free of animal droppings, other contaminants or spray irrigation systems)				
7. Is the area around the sample tap free of excessive vegetation or other impediments to sample collection				
8. Describe how the tap was treated in preparation for sample collection (ran water, swabbed with disinfectant, flamed, etc.)				
9. Is this sample tap designated on the sampling plan submitted with this information request?				
10. What were the weather conditions at the time of the positive sample (rainy, windy, sunny),				

# POSITIVE TOTAL COLIFORM INVESTIGATION

Page 3 of 3

GENERAL OPERATIONS:	Response
1. Where there any power outages that affected water system facilities during the 30 days prior to the TC+ or EC + findings?	
2. Where there any main breaks, water outages, or low pressure reported in the service area where TC+ or EC+ samples were located.	
3. Does the system have backup power or elevated storage?	
4. During or soon after bacteriological quality problems, did you receive any complaints of any customers' illness suspected of being waterborne? How many?	
5. What were the symptoms of illness if you received complaints about customers being sick?	

## ADDITIONAL INFORMATION TO BE SUBMITTED WITH RESPONSES TO THE ABOVE QUESTIONS

1. **Sketch** of System showing all sources, treatment locations, storage tanks, microbiological sampling sites and general layout of the distribution system including the location of all hazardous connections such as the wastewater treatment facility.
2. A set of photographs of the well, pressure tanks, and storage tanks in the system may be submitted if they would show that the contamination is directly related and changes have been made since the last inspection by our Department
3. Name, certification level and certificate number of the Operator in Responsible Charge.
4. Copy of the last cross connection survey performed that identifies the location of all unprotected cross connections.

**SUMMARY: BASED ON THE RESULTS OF YOUR INVESTIGATION AND ANY OTHER INFORMATION AT YOUR DISPOSAL, WHAT DO YOU BELIEVE TO BE THE CAUSE OF THE POSITIVE TOTAL COLIFORM SAMPLES FROM YOUR PUBLIC WATER SYSTEM?**

**CERTIFICATION: I CERTIFY THAT THE INFORMATION SUBMITTED IN RESPONSE TO THE QUESTIONS ABOVE IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE**

NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

# Bacteriological Distribution Monitoring Report

**1503209**

**Superior Mutual Water Company**

*Distribution System Freq: 1/M*

Sample Date	Location	T Coli	E Coli	F Coli	HPC	Type	Cl2	Cl2 Avg	Viol. Type	GWR Satisfied?	Comments
6/10/2015	31110 7th Standard	A	A			Routine	0.14				
6/10/2015	9309 Enos Ln	A	A			Routine	0.0		MR4		
6/10/2015	9323 Enos Ln	A	A			Routine	0.0				
6/10/2015	9521 Enos Lane	A	A			Routine	0.0				
5/15/2015	31110 7th Std. Rd.	<1	<1			Repeat	0.31				
5/15/2015	9309 Enos Ln.	<1	<1			Repeat	0.09				
5/15/2015	9483 Enos Ln.	<1	<1			Repeat	0.43				
5/15/2015	9521 Enos Ln.	<1	<1			Repeat	0.07				
5/15/2015	19474 B Enos Ln.	<1	<1			Repeat	0.39				
5/13/2015	31110 7th Std. Rd.	P	A			Routine	0.00				
5/13/2015	9309 Enos Ln.	P	A			Routine	0.15				
5/13/2015	9483 Enos Ln.	A	A			Routine	0.10				
5/13/2015	19474 B Enos Ln.	P	A			Routine	0.00				
5/13/2015	9521 Enos Ln.	P	A			Routine	0.00		MCL		
4/8/2015	9309 Enos Lane	A	A			Routine					
4/8/2015	9323 Enos Lane	A	A			Routine					
4/8/2015	9483 Enos Lane	A	A			Routine					
4/8/2015	9521 Enos Lane	A	A			Routine					
4/7/2015	31110 7th Standard Rd.	A	A			Routine	0.25				
3/9/2015	31110 7th Standard Rd.	A	A			Repeat					
3/9/2015	9309 Enos Lane	A	A			Routine					
3/9/2015	19474 Enos Lane	A	A			Repeat					
3/9/2015	9483 Enos Lane	A	A			Repeat					
3/9/2015	9521 Enos Lane	A	A			Repeat					
3/4/2015	31110 7th Standard Rd.	P	A			Routine					
3/4/2015	9309 Enos Lane	P	A			Routine			MCL		4/16/15 Issued Cit 03-12-15C-004.
3/4/2015	9474 Enos Lane	A	A			Routine					
3/4/2015	9483 Enos Lane	P	A			Routine					
3/4/2015	9521 Enos Lane	P	A			Routine					
2/9/2015	19066 Beech Ave.	A	A			Repeat					
2/9/2015	9483 Enos Ln.	A	A			Repeat					
2/9/2015	9309 Enos Ln.	A	A			Repeat					
2/5/2015	9483 Enos Ln.	P	A			Routine					
1/8/2015	19066 Beech Ave	A	A			Routine					

**Violation Key**

MCL	Exceeds the maximum contaminant level	MR5	Incorrect number of repeat samples as follow-up to a positive sample
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*1503209 Superior Mutual Water Company*

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6/10/2015	13:11	Well 1	Well	P/A	A	A				
3/6/2015	11:15	Well 1	GWR Well	MPN	<1	<1				
2/9/2015	9:22	Well 1	GWR Well	P/A	A	A				