COUNTY OF MONTEREY
HEALTH DEPARTMENT
Elsa Jimenez, Director of Health

Administration
Behavioral Health

Clinic Services
Emergency Medical Services
Environmental Health/Animal Services

Public Health
Public Administrator/Public Guardian

July 24, 2017

OAK MANOR WS
ATTN: SUE PARKER
2108 SAN MIGUEL CANYON ROAD
SALINAS CA 93907

CITATION LETTER, CITATION # 17-047
OAK MANOR WS, I. D. No. 2700509

Coliform Bacteria MCL Violations for **December 2016, January 2017, and March 2017**
Community Water System

Dear Sue Parker,

Section 116650, Chapter 4 of Part 12 of the California Health and Safety Code (CHSC) authorizes the issuance of a citation for failure to comply with a requirement of Chapter 4 (California Safe Drinking Water Act), or any regulation, standard permit, or order issued thereunder. The Monterey County Health Department, Environmental Health Bureau (hereinafter EHB) under its Delegation agreement with the State Water Resources Control Board and pursuant to Section 116650 of CHSC, hereby issues this citation to the Oak Manor WS (hereinafter Water System) for violation of CHSC, Section 116555(a)(1) and Title 22, California Code of Regulations (hereinafter "CCR"), Section 64426.1(b)(2). Specifically:

1. The Water System was in violation of the Total Coliform Maximum Contaminant Level (MCL) set forth in Section 64426.1(b)(2), Title 22, CCR for the month of December 2016. Specifically;
    a. In December 2016 two of the five repeat samples collected were total coliform positive.
2. The Water System was in violation of the Total Coliform Maximum Contaminant Level (MCL) set forth in Section 64426.1(b)(2), Title 22, CCR for the month of January 2017. Specifically;
    a. In January 2017, three of the five follow-up samples collected were total coliform positive.
3. The Water System was in violation of the Total Coliform Maximum Contaminant Level (MCL) set forth in Section 64426.1(b)(2), Title 22, CCR for the month of March 2017. Specifically;
    a. In March 2017, four of the five follow-up samples collected were total coliform positive.

History

On December 9, 2016 the Water System's operator notified EHB and the Water System users that two of the five water system's repeat samples were total coliform positive. The Water System's Water Operator completed an investigation and disinfected the water system. The investigation indicated the contamination possibly was due to a defective check valve at the well or the deteriorating tank conditions. In January of 2017, three of the five follow-up samples were total coliform positive. The Water System's operator notified EHB and the water system's users, disinfected the water system and reinitiated an investigation to determine if there was any additional factors causing the Total Coliform MCL. In February due to a power outage caused by a huricane level 1 storm, the water system was unable to collect the monthly bacteriological sample because of the lose of power and water pressure. A bottled water order was issued until the system regained pressure, could be disinfected and receive absent coliform sampling results. March of 2017 four of the follow-up samples collected were total coliform positive. The Water System's operator notified EHB and the water system's users, disinfected the water system and reinitiated an investigation. In April of 2017, all five follow-up samples met standards.

Directives

Pursuant to Section 116655 of the Health and Safety Code, the EHB hereby orders the Oak Manor WS to do the following to ensure the water supplied by the Water System shall at all times be pure, wholesome, potable, and healthful:

1. The Water System shall comply with Section 64426.1, Title 22, CCR in all future monitoring periods.
2. The Water System shall remind users at least every six months that the System contact must be notified whenever work is done on the piping within their service connection.

All submittals required by this order shall be addressed to:

Environmental Health Bureau
1270 Natividad Road
Salinas, CA 93906-3198
or: pontiusk@co.monterey.ca.us

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

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

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

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

Further Enforcement Action
The California SDWA authorizes EHB under its delegation agreement with SWRCB 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 EHB 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 EHB, 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 EHB. EHB does not waive any further enforcement action by issuance of this

If you have any questions, please contact me at (831)755-4076 or pontiusk@co.monterey.ca.us

Sincerely,

Karen Pontius, EHS
Environmental Health Specialist

APPENDIX 1
APPLICABLE AUTHORITIES

CHSC, Section 116555(a)(1) 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.

CHSC, Section 116655 states in relevant part:

(a) Whenever the department determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:

(1) Directing compliance forthwith.
(2) Directing compliance in accordance with a time schedule set by the department.
(3) Directing that appropriate preventive action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

(1) That the existing plant, works, or system be repaired, altered, or added to.
(2) That purification or treatment works be installed.
(3) That the source of the water supply be changed.
(4) That no additional service connection be made to the system.
(5) That the water supply, the plant, or the system be monitored.
(6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the department.

Title 22, CCR, Section 64426.1 **(hereinafter "Section** 64426.1**"), states in relevant part:**

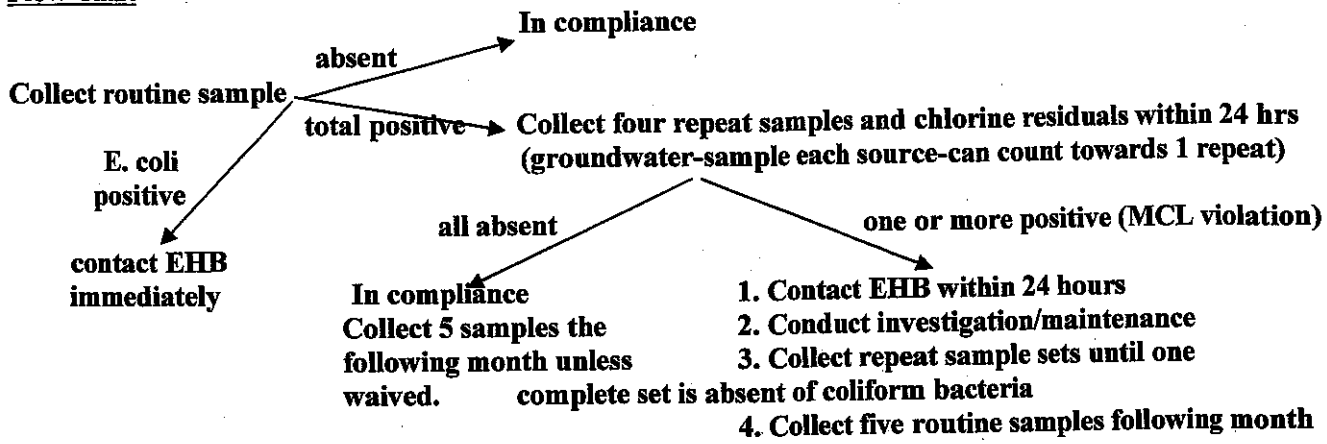
...

(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.

Monterey County Health Department, Environmental Health Bureau
Bacteriological Monitoring Requirements

Flow Chart



DETAILS (See Title 22, California Code of Regulations)

Sampling Frequency-Routine Samples (section 64423)
Community and Nontransient-Noncommunity water system - minimum of one sample per month
Transient-Noncommunity water system – groundwater-minimum of one sample per quarter, except one sample per month in which 1,000 or more persons can be served by the water system
Transient-Noncommunity water system – surface water-minimum of one sample per month
If any samples are E.coli positive, the water system must notify EHB immediately.

Repeat Sampling Requirements – Required when Routine Sample is total coliform positive
The water system must require the laboratory to notify the system within 24 hours whenever any coliforms are present in a sample. A repeat sample set must be collected by the system within 24 hours of notification. This set must consist of at least four samples for each total coliform-positive sample and be collected in accordance with an approved sample siting plan. Generally, repeat samples shall be collected from:

- the site of the original positive (required),
- the well,
- the storage tank(s),
- another point in the distribution system within 5 service connections of the original positive
- Goundwater systems must sample each source-sample may count towards 1 repeat sample
- If well is E. coli/fecal positive, contact EHB within 24 hrs for New Groundwater rule guidance

This collection scheme is designed to identify the origin of the contamination. Systems with multiple wells and tanks may sample within 5 service connections upstream and downstream of the original positive or from combined well and tank taps, if available.

The samples shall be collected prior to disinfection of the water system and the water system shall be inspected by the water system during the sampling to identify any potential causes of the original positive sample. Chlorine residual readings shall be analyzed and reported for all repeat samples.

Maximum Contaminant Level Exceedence (MCL) (64426.1)
If one or more samples in the repeat sample set are total coliform-positive, the water system has exceeded the MCL for coliform bacteria and must notify this office within 24 hours. The system must investigate the cause of the positive samples and continue to collect a set of repeat samples until one set has no coliform positive samples. The system must also submit a report of findings including the following

(64426):

- Current operating procedures that are or could potentially be related to the increase in bacterial count, such as main repairs or well work conducted without disinfection,
- System pressure loss to less than 5 psi,
- Potential cross connections,
- Physical evidence indicating bacteriological contamination of facilities (such as openings in the well casing, storage tank or evidence of animal activity in the vicinity of the well),
- Analytical results of any additional investigative samples collected, including well samples,
- residents' illness suspected of being waterborne.
- Records of the investigation and any action taken.

Follow-up Sampling

The water system must collect five routine samples the month following any total coliform sample (64424). May be waived if the Department conducts a site visit and determines why the sample(s) were positive and established that the problem has been corrected.

Additional Sampling Requirements

Samples for bacteriological testing must also be collected whenever either of the following conditions apply:

- loss of water pressure below 5 psig within the distribution system
- upon completion of construction, installation, or repair of wells, water mains, or storage facilities.

Samples are to be collected in accordance with an approved Sample Siting Plan (SSP). The sample must be tested by a laboratory certified by the State of California. The water system must direct the laboratory to submit copies of all required bacteriological monitoring directly to this office by the tenth day of the following month.

Collecting Bacteriological Water Samples

Collect samples at cold water faucets that are free of contaminating devices such as screens, aeration devices, hoses, point-of-use devices, or swiveled faucets. To prevent contamination, do not obtain samples from taps that leak around the valve stem and allow water to flow over the outside of the tap. Faucets must be high enough to put the bottle underneath without contacting the mouth of the container with the faucet.

Taking the sample:

1. Open the faucet and thoroughly flush the line for at least two to five minutes. The longer the water runs the better the chance of flushing out bacteria that may be in the building plumbing.
2. Reduce the flow until the water leaving the tap has a continuous, gentle flow without any turbulence.
3. Sterile containers provided by your laboratory must be used. Do not rinse the bottle prior to taking the sample. The powder in the bottle is sodium thiosulfate which inactivates any chlorine-based disinfectant. Be sure this substance stays in the bottle.
4. Remove the cap from the sample bottle and keep it in your hand facing down. Do not touch the inside of the cap or the bottle's inner surface as these actions can contaminate the sample.
5. Carefully place the sample bottle under the running water. Fill the bottle just to the fill-line; do not overfill the sample bottle or allow the water to splash.
6. Quickly replace the cap on the bottle and label the sample clearly. If samples cannot be delivered to the lab immediately, place samples in a cooler with cold packs. If ice is used, at no time should the sample container be immersed or submerged in the ice or melted ice water. The sample must be delivered to the laboratory within 24 hours from the time of collection.