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**STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH**

IN RE: Solvang Water Division
1644 Oak Street
Solvang, CA 93463

TO: Mr. Craig Martin
Water Supervisor

CITATION

SYSTEM NO: 4210013

CITATION NO: 04-06-14C-003

VIOLATION

The Drinking Water Field Operations Branch of the Department of Public Health, (CDPH), hereby issues a Citation to Solvang Water Division for the following violations:

1. Groundwater Rule – Triggered Source Water Monitoring

Section 141.402, Title 22, CCR. Specifically, Solvang Water Division was not in compliance with the Groundwater Rule during the month of December 2013. The water system failed to collect triggered source water samples from the representative groundwater sources per their Groundwater Rule Plan (attached). On December 23, 2013, a routine sample location at SS #1 – Buttonhook was total coliform positive, *E. coli* negative. Four repeats were taken from the distribution system and all were total coliform negative. Triggered water samples from the three representative groundwater sources were not collected.



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BACKGROUND

Solvang Water Division serves a population of about 5,283 through 2,129 service connections and operates by the authority of domestic water permit 04-06-97-020 issued on August 11, 1997. The permit was amended on June 25, 2013 to re-active Well 21. The permit is subject to special provisions concerning the use of State Water Project (SWP) and groundwater under the direct influence of surface water, distance to surface water, and monitoring to comply with the Surface Water Treatment Rule, and the addition of new wells. The Solvang Water Division has complied with the permit provisions. The Solvang Water Division currently maintains four active groundwater wells; two are subject to being under the direct influence of surface water. All groundwater wells that are used receive chloramination. The Solvang Water Division purchases treated surface water from Central Coast Water Agency (CCWA) and Santa Ynez River Water Conservation ID#1 (SYRWCID#1). The distribution system contains three reservoirs and two cisterns, which provide a total storage capacity of 1.29 MG and three booster station for the 4 pressure zone system.

The Groundwater Rule requires water systems serving groundwater to collect triggered source water samples within 24 hours of being notified of a distribution Total Coliform Rule positive sample. In December 2013, Solvang Water Division did not collect triggered water samples from the representative groundwater sources after being notified of the positive distribution sample collected on December 23, 2013.

DIRECTIVES

Solvang Water Division is hereby directed to take the following actions:

1. When a Total Coliform Rule sample from the distribution system is total coliform positive, Solvang Water Division must collect at least three repeats from the

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distribution system as well as a sample from each of the groundwater wells according to their approved Groundwater Rule Monitoring Plan. The samples must be collected within 24 hours of being notified of the original positive result. Solvang Water Division must also notify Santa Ynez River Water Conservation District ID #1 if they have purchased water which could have influenced the original positive location. The wholesaler is also required to collect 'triggered' coliform samples from their representative groundwater sources.

2. Within one year of receipt of this citation, notify the public served by Solvang Water Division of the monitoring failure. The procedure and format must be approved by CDPH. A suggested format is attached and is available electronically upon request or at the following web address:
<http://www.cdph.ca.gov/certlic/drinkingwater/Documents/Notices/Tier%203%20Monitoring%20Violations%20Annual%20Notice.doc>. Any changes must be reviewed and approved by CDPH. The notice can be included in the Consumer Confidence Report to fulfill the public notification requirements.

3. Continue submitting the required monthly distribution system coliform sample(s) by the 10th of each month. A copy of the notification and proof of public notification shall be submitted to:

Jeff Densmore, P.E.
District Engineer, Santa Barbara
Department of Public Health
Drinking Water Field Operations Branch
1180 Eugenia Place, Suite 200
Carpinteria, CA 93013-2000

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CIVIL PENALTIES

Failure to comply with any provision of this Citation will result in CDPH imposing an administrative penalty of not less than \$100 (one hundred dollars) per day as of the date of violation of any provision.

FEB. 11, 2014
Date

[Signature]
Jeff Densmore, P.E.
District Engineer
Santa Barbara District (DWFOB)



cc: Santa Barbara County Environmental Health

DEPARTMENT OF PUBLIC HEALTH

DIVISION OF DRINKING WATER AND ENVIRONMENTAL MANAGEMENT

Santa Barbara District Office, 1180 Eugenia Place, Suite 200, Carpinteria, CA 93013, (805) 566-1326

**GROUNDWATER RULE MONITORING FORM****A. System Information:**

Name of Facility: City of Solvang System Number: 4210013
 Street Address: 1644 Oak St, Solvang, Ca 93463 Ph. No.: 805 688-5575
 Consecutive, Wholesaler or Neither: Consecutive Fax: 805 686-2049
 Provide Continuous 4-log treatment of Viruses YES NO (if yes, only complete part F and submit a Monthly CT Calculation Report to CDPH)
 Service Connections: 1900 Population Served: 5,446 Coliform Samples/Month: 12

B. Sample Collection:

All water samples will be collected by: City of Solvang
 Name of Laboratory: Clinical Laboratory of San Bernardino
 Mailing Address: 516A North 8th Street Lompoc, Ca 93436
 State Lab Code: 1088 Phone #: 805 737-7300 Fax #: 805 737-7301
 The Laboratory was sent a copy of this plan on: _____

C. Map of System:

A map of the distribution system showing the distribution sites and which sources can influence them, pressure zones and storage facilities.

Have you enclosed this map? YES NO Explain: No single sources, all influence equally

D. Consecutive Systems:

Does your system purchase groundwater? YES NO
 If yes, contact the wholesaler within 24 hours of notification of a TC+ Distribution Sample.
 Wholesaler SYRWCD ID #1 Contact Eric Tambini Phone No. 805 688-6015
 Wholesaler SYRWCD ID #1 Contact Vince Sullivan Phone No. 805 688-6015

E. Wholesaler Systems:

Does your system sell groundwater? YES NO
 If yes, collect source(s) samples within 24 hours.
 If source sample is fecal indicator positive, contact all consecutive systems within 24 hours*:
 System _____ Contact _____ Phone No. _____
 System _____ Contact _____ Phone No. _____
 System _____ Contact _____ Phone No. _____

*A Tier 1 notice is required for all fecal indicator positive source samples.

F. Report Prepared by: Craig Martin

Signature and Title: Craig Martin Water Supervisor Date: 9-2-09

6. Sample Locations:

The following describes each routine sample location and the sources, which may influence it. If the routine sample location is positive, the source(s) affecting it will be sampled within 24 hours. Only sources in use during the time of initial sampling will be required to be sampled (production log required):

Routine Sample Location:

Sources Influencing Location:

1. Well #3



Entire distribution system

Routine Sample Location:

Sources Influencing Location:

2. Well #7a



Entire distribution system

Routine Sample Location:

Sources Influencing Location:

3. Well #4



Entire distribution system

Routine Sample Location:

Sources Influencing Location:

4. _____

Combined Source Water Sampling? YES NO

Routine Sample Location:

Sources Influencing Location:

5. _____

Combined Source Water Sampling? YES NO

Routine Sample Location:

Sources Influencing Location:

6. _____

Report Approved by:

Date: 9/30/09