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

**IN RE: Teixeira Farms – Frontier Cooling
 2600 Bonita Lateral Road
 Santa Maria, CA 93458**

**TO: Mr. Mark Teixeira, General Manager
 Mr. Dan Cooper, Manager**

CITATION

WATER SYSTEM NO.: 4200943

CITATION NO.: 04_06_16C_004_4200943_25

Section 116650 of Chapter 4, Part 12, Division 104 of the California Health and Safety Code (H&S Code), authorizes the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, standard, permit or order issued thereunder.

VIOLATION

The State Water Resources Control Board, Division of Drinking Water, (hereinafter Division) hereby issues a citation to the Teixeira Farms – Frontier Cooling (hereinafter TFFC) for the following violation:

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1. Section 64424, (a) Title 22, CCR. Specifically, in November 2015, the TFFC failed the TCR M&R Rule, by not collecting a repeat sample set within 24 hours of being notified of a positive total coliform result. The initial positive result was collected on November 9, 2015. The lab was finished with their analysis on November 11, 2015. The set of repeats was not collected until November 18, 2015, seven (7) days after the completion of the original total coliform positive analysis.
 2. Section 64424, (d) Title 22, CCR. Specifically, in December 2015, the TFFC failed the TCR M&R Rule, by not collecting at least five (5) routine samples, following the prior month's total coliform positive result.
 3. Section 64423.1. (c) Specifically, the Division was not notified of the positive bacteriological result, nor was the report submitted to this office by the tenth of the following month.
 4. In addition, the samples collected had no locational information listed in the 'Sample Description' of the lab's analyses. Other than the "R/O" site, there is no way to confirm what sites were actually sampled (see table, below).

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Date	Site	Results
11/09/2015	SS #1	Total Coliform Present; E.coli Absent
11/18/2015	R/O	Total Coliform Absent; E.coli Absent
11/18/2015	DWS 1	Total Coliform Absent; E.coli Absent
11/18/2015	DWS 2 Site 1	Total Coliform Absent; E.coli Absent
11/18/2015	DWS 2 Site 2	Total Coliform Absent; E.coli Absent



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BACKGROUND

Teixeira Farms – Frontier Cooling (TFFC) water system is classified as a Non-Transient, Non-Community water system serving the business offices, large fruit and vegetable cooling buildings and maintenance shops of the TFFC. The system operates by the authority of a domestic water supply permit issued by the Division in 2006, and an amended permit, issued October 20, 2009, to include the addition of a nitrate treatment facility.

The TFFC’s water supply is obtained from one active groundwater well, Well 01. The well was drilled in 1967 to a depth of 160 feet. The annular seal and perforations are unknown. A sewer leach field is located 145 feet from the well. The well is equipped with a 10-inch casing and is surface sealed. The static water level is 94 feet. The well is equipped within an electrical motor and a submersible pump, and produces approximately 80 gpm. The well flows to two raw water 10,000 gallon storage tanks. The raw water is used to supply water for the Reverse Osmosis (RO) treatment unit, and pressure is maintained through five pressure vessels. Chlorine disinfection occurs occasionally in batch doses in the storage tanks when the system is determined to have coliform growth. The well water exceeds the nitrate MCL consistently, and is treated with the RO unit prior to distribution.

1 The water system was recently retrofitted to serve RO treated water to the entire
2 distribution system, including three office buildings, restrooms, two eye wash
3 stations, the process water connection, and fill station. Two 2300-gallon poly
4 tanks and one 400-gallon poly tank provide storage, and are equipped with ozone
5 generators. The storage tanks supply the locations where employees fill the
6 drinking water bottles. Two booster pumps and three pressure tanks maintain
7 pressure for the distribution system, which ranges between 40 and 60 psi.
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10 The reverse osmosis unit includes pre-filtration, RO, post-carbon filtration and UV.
11 A bag filter removes sediment, with recovery approximately 50-75%. TFFC does
12 not clean the membranes; instead, membranes are replaced with the Total
13 Dissolved Solids (TDS) becomes elevated.
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16 The TFFC provides water not used for drinking in the distribution system. The
17 water is bacteriologically safe for hand washing, toilet flushing and other outdoor
18 uses. All faucets are posted with 'Non-Potable Water – Do Not Drink'. The TFFC
19 treats with well water with a Titan 1000 RO and disinfects with ozone to comply
20 with drinking water standards.
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23 The routine samples should be distribution sample sites representative of water
24 throughout the distribution system. The routine sample sites should not be from
25 sources (e.g. well, spring) or directly near sources. The system shall continue to
26 take bacteriological samples until all results are absent.
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1 **DIRECTIVES**
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4 The TFFC is hereby directed to take the following actions:
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- 6 1. Immediately, follow proper TCR routine and repeat sampling/reporting
7 procedures in accordance with Article 3, Title 22, CCR, Sections 64423,
8 64424.
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- 10 2. Within one year of receipt of this citation, notify the public served by the
11 TFFC of the monitoring failure. The procedure and format must be
12 approved by the Division. A suggested format is attached and is also
13 available electronically at the following web address:
14
15 http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Notices.shtml
16
- 17 3. On all future chain-of-custody forms, the sample stations shall be identified
18 by their locational sample site, i.e., 'Eye wash station by large fans', and
19 'Hose bib by vending machine' in order to associate a credible description
20 on the lab sample bottles.
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- 22
- 23 4. The TFFC water system is required to provide continuous chlorination
24 disinfection treatment to the water that enters the distribution system at all
25 times.
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5. A copy of the notification and certification form shall be submitted to:

Jeff Densmore, P.E., District Engineer
Division of Drinking Water
Santa Barbara District
1180 Eugenia Place, Suite 200
Carpinteria, CA 93013-2000

APRIL 8, 2016
Date


Jeff Densmore, P.E., District Engineer
Santa Barbara District (SWRCB-DDW)

cc: Santa Barbara County Environmental Health
Mr. Butch Kwid, Operator

