STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

IN RE: **Estrella Correctional Facility**
4545 Airport Road
Paso Robles, CA 93446

TO: **Mr. Robert Gundrum**
Chief Plant Operator

CITATION

WATER SYSTEM NO.: **4010831**

CITATION NO.: **04_06_16C_026_4010831_22**

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 Estrella Correctional Facility (hereinafter ECF) for the following violation:

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1. Section 64424, Title 22, CCR. Specifically, in August 2016, the ECF failed the TCR MCL Rule, with two positive total coliform results. See table, below).

Date	Site	Results
08/03/2016	Booster Plant	Total Coliform Present; E.coli Absent
08/03/2016	Test Station #3	Total Coliform Absent; E.coli Absent
08/06/2016	Tank #1 Test Faucet	Total Coliform Present; E.coli Absent
08/06/2016	Booster Plant Faucet	Total Coliform Absent; E.coli Absent
08/06/2016	Water Shop	Total Coliform Absent; E.coli Absent

2. Section 64430, Title 22, CCR. Specifically, the ECF failed the Ground Water Rule by not collecting triggered source samples within 24 hours of being notified of the total coliform positive results.

BACKGROUND

The Estrella Correctional Facility (ECF) is a non-transient non-community water system under the jurisdiction of the Division, and operates by the authority of a domestic water permit issued by the Division on January 20, 2004. The ECF serves a population of approximately 20 through 36 service connections. No inmates are currently housed, and the facility is undergoing a closure process. Plans are to rehab the facility in the near future.

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The ECF's water supply consists of two active wells, Wells 01 and 04, one standby well, Well 03, two storage tanks, chlorination, and a booster station for the one pressure zone system. Well 01 is equipped with a 10-inch steel casing, with perforations that begin at a depth of 640 feet, and produces approximately 270 GPM. The well discharges above ground to the two reservoirs.

Well 03 is a standby well, equipped with a 12-inch steel casing, and is gravel-packed. Perforations begin at 400 feet, and the well can produce approximately 310 GPM. The well is on standby, for emergency purposes only.

Well 04 is equipped with a 16-inch steel casing, with perforations beginning at a depth of 410 feet. The well produces approximately 390 GPM. This well also discharges above ground to the reservoirs.

Reservoir No. 1, constructed in 1976, has a storage capacity of 200,000 gallons. The steel structure is equipped with screened vents. Reservoir No. 2 was constructed in 1989, and has a storage capacity of 167,000 gallons. It is also constructed of steel, located above ground, and is equipped with screened vents. The ECF maintains a free chlorine residual of 2.0 – 3.0 mg/L in the reservoir. Both reservoirs were last inspected and cleaned in the year 2000. ECF maintains hydro pneumatic tanks at both active wells, providing a storage capacity of 6,350 gallons each.

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The ECF is required to collect two bacteriological coliform samples per month from the distribution system. A Ground Water Rule monitoring plan is on file with the Division and requires triggered source monitoring of the wells in the event of a positive coliform sample result from the distribution system. The ECF has a requirement to sample the wells quarterly for raw well total coliforms. The system maintains 11 backflow devices and is required to test those devices annually, and perform any necessary repairs.

The routine bacteriological samples should be distribution sample sites representative of water throughout the distribution system. The routine sample sites should not be from sources (e.g. well, spring) or directly near sources. The system shall continue to take bacteriological samples until all results are absent.

Under the Federal Revised Total Coliform Rule that went into effect on April 1, 2016, a Level 1 assessment was conducted on September 15, 2016. Per review of the assessment elements, the following items were noted in the report:

1. The weather conditions on the day of sampling were hot, sunny, and breezy.
2. The two storage tanks, which have not been cleaned since 2000, are in the contracting process for cleaning in the near future.
3. A picture of ECF's Reservoir #1 showed a hole on top and near the edge of the tank where the ladder is attached to climb the tower.

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DIRECTIVES

The ECF is hereby directed to take the following actions:

1. Immediately, follow proper TCR routine and repeat sampling/reporting procedures in accordance with Article 3, Title 22, CCR, Sections 64423, 64424, and 64430.

2. Within 30 days of learning of the violation (contacted date of 08/05/16 on lab report), notify the public of the TCR MCL failure by direct delivery and posting in conspicuous public places served by the water system.

3. Submit a signed copy of the Proof of Public Notification (attached).

4. The ECF system is required to provide continuous chlorination disinfection treatment to the water that enters the distribution system at all 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

October 7, 2016
Date

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

cc: San Luis Obispo County Environmental Health

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PROOF OF NOTIFICATION

Name of Water System: Estrella Correctional Facility 4010831

Please explain what caused the problem if you have determined what it was and what steps you have taken to correct it.

_____

_____

Consumers Notified _____**Yes** _____**No**

If not, explain: _____

_____

Date of Notification:_____

On the date of notification set forth above, I served the above referenced document(s) on the consumers by:

_____Sending a copy through the U.S. Mail, first class, postage prepaid, addressed to each of the resident(s) at the place where the property is situated, pursuant to the California Civil Code.

_____Newspaper (if the problem has been corrected).

_____Personally hand-delivering a copy to each of the consumers.

_____Posted on a public bulletin board that will be seen by each of the consumers (for small water non-community water systems with permission from the Division).

_____

I hereby declare the foregoing to be true and correct under penalty of perjury.

Dated:_____ _____

Signature of Person Serving Notice

Drinking Water Notification to Consumers

****Notice**: Complete this Proof of Notification and return it along with a copy of the notification to the Division within **30 Days** of receiving your notification order.

Disclosure: Be advised that the California Health and Safety Code states 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 each 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 county jail not to exceed one year, or by both the fine and imprisonment.