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

**Vandenberg Air Force Base  
Water Department  
1172 Iceland Avenue Building 11439  
Vandenberg Air Force Base, CA 93437**

**Attention: Mr. Mike Kalata  
Water Quality Program Manager**

**CITATION FOR NON-COMPLIANCE**

**WATER SYSTEM NO.: 4210700**

**CITATION NO.: 04\_06\_15C\_008**

**System Number: 4210700**

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 a requirement of the California Safe Drinking Water Act, or any regulation, standard, permit or order issued thereunder.

**Violation**

The Division of Drinking Water of the State Water Resources Control Board (hereinafter Division) hereby issues to the Vandenberg Air Force Base (hereinafter Vandenberg) a citation for the following violation:

1. **Title 22, California Code of Regulations (CCR), Section 64533**: Specifically, during the 2<sup>nd</sup> Quarter (April-June) of 2015, the total trihalomethane (TTHM) concentration in the drinking water analyzed from the Building 980 sample site caused an exceedance of the Maximum Contaminant Level of 80 ppb based on



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the locational running annual average (LRAA) of samples for the last four quarters of sampling.

In accordance with Section 116650 (e) of the Health and Safety Code, the above violation is classified as a non-continuing violation.

**Background**

Vandenberg Air Force Base provides its customers with groundwater from local wells blended with purchased water from the Central California Water Authority (hereinafter CCWA). The distribution system is divided into two main areas: North and South Bases. The water system has nine pressure zones and five booster pump stations.

The four wells are aerated and disinfected prior to delivery to the main reservoir site. At the main distribution site, Vandenberg imports water from CCWA, chloraminates, and fluoridates. During CCWA shutdowns, Vandenberg switches disinfectants, from chloramines to free chlorine. The main reservoirs deliver water to the distribution system and a series of boosted potable, non-potable and deluge storage tanks.

The water system serves 6,763 customers through 1,161 connections. Potable water is delivered to residential connections, commercial connections and the Space Launching Complexes (SLC).

Vandenberg is required to sample four distribution system monitoring locations quarterly for TTHM and HAA5 analyses via dual sample sets, for compliance with the Stage-2 Disinfection Byproducts Rule (Stage-2 DBPR) pursuant to Section 64534.2(d), Title 22, CCR; in accordance with a Division approved Stage-2 DBPR monitoring plan. The Stage-2 TTHM concentrations (ppb) for the Building 980 Stage-2 site reported by Vandenberg are summarized below:

	3rd Quarter 2014 TTHM (ppb)	4 <sup>th</sup> Quarter 2014 TTHM (ppb)	1 <sup>st</sup> Quarter 2015 TTHM (ppb)	2 <sup>nd</sup> Quarter 2015 TTHM (ppb)
Sample Date	9/24/14	12/10/14	3/12/15	6/10/15
Building 980	<b>78</b>	<b>66</b>	<b>110</b>	<b>82</b>

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The four quarter running annual average TTHM concentration from the Building 980 site is 84 ppb, exceeding the MCL of 80 ppb.

**Directives**

The Vandenberg Air Force Base shall take the following actions:

1. Vandenberg shall notify the public of the TTHM MCL violation by July 18<sup>th</sup>, 2015. The format of the notice must be approved by the Division. The notification must contain the Tier 2 required health effects languages and a description of the incident. Vandenberg shall submit certification of public notice issuance to the Division within 30 days of its completion.
  
2. Within 60 days submit a TTHM compliance plan and implementation schedule for complying with the TTHM MCL. An updated compliance plan shall continue to be submitted to the Division at least every 90 days thereafter, based on new and planned changes to treatment, sources of supply, and/or distribution system and reservoir operations until the Division determines it to no longer be necessary. Since VAFB also failed the TTHM MCL the previous quarter, they may combine the plan and schedule to address both violations.
  
3. A copy of the completed Tier 2 Notice and the Proof of Notification form shall be submitted to:

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

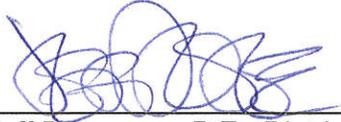
**Civil Penalties**

Sections 116650 (d) and (e) of the H&S Code allow for the assessment of a civil penalty for failure to comply with the requirements of Chapter 4. Failure to comply with any provision of this citation will result in the Division imposing an administrative penalty not to exceed \$1,000 (one thousand dollars) per day as of the date of violation of any provision of this citation.

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JUNE 22, 2015

Date



\_\_\_\_\_  
Jeff Densmore, P.E., District Engineer  
Santa Barbara District  
SWRCB-DDW

cc: Santa Barbara County Environmental Health



**PROOF OF NOTIFICATION**

Name of Water System: Vandenberg Air Force Base

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 Department 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.