

**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\_033**

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

1. **Title 22, California Code of Regulations (CCR), Section 64533**: Specifically, during the 4<sup>th</sup> Quarter (October to December) of 2015, the total trihalomethanes concentration in the drinking water analyzed from the Building 980 sample site exceeded the maximum contaminant level (MCL) of 80 ppb based on the

locational running annual average (LRAA) of samples from 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**

The Vandenberg Air Force Base water system is publicly owned and serves the residents, employees, and visitors of the Air Force Base. VAFB provides potable water to a total population of 6,763 people via 1,161 service connections. A contract for the ownership, operation, and maintenance of the water system was recently awarded to American Water Company's Military Services Group. VAFB's sources of water comes from Central California Water Authority (hereinafter CCWA) and four groundwater wells. The sources can collectively produce approximately 13.8 million gallons per day (gpd) or 9,600 gallons per minute (gpm). The water is treated with either chloramines or free chlorine for disinfection purposes before entering VAFB's distribution system, depending on which sources are being used. During CCWA shutdowns, VAFB switches from chloramines to free chlorine.

VAFB is required to collect four dual sample sets for total trihalomethanes (TTHM) and haloacetic acids (HAA5) from its distribution system every quarter for compliance with the Stage-2 Disinfection Byproducts Rule (DBP) pursuant to Section 64534.2(d), Title 22, CCR. The samples must be collected in accordance with a DBP monitoring plan approved by DDW. The TTHM results from the previous four quarters of monitoring are provided below:

	1 <sup>st</sup> Quarter 2015 TTHM (ppb)	2 <sup>nd</sup> Quarter 2015 TTHM (ppb)	3 <sup>rd</sup> Quarter 2015 TTHM (ppb)	4 <sup>th</sup> Quarter 2015 TTHM (ppb)
Sample Date	3/12/15	6/10/15	9/9/2015	12/8/2015
Building 980	<b>110</b>	<b>82</b>	<b>110</b>	<b>39</b>

The TTHM LRAA obtained from the previous four quarters of monitoring is 85 ppb for the Building 980 sampling site, which exceeds the MCL of 80 ppb.

**Directives**

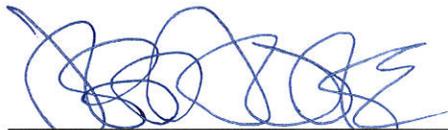
Vandenberg Air Force Base shall take the following actions:

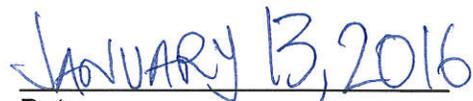
1. VAFB shall notify the public of the TTHM MCL violation by February 13, 2016. The format of the notice must be approved by DDW. The notification must contain the Tier 2 required health effects languages and a description of the incident. VAFB shall submit a certification of public notice issuance to DDW within 30 days of its completion.
2. A copy of the completed Tier 2 Notice and the Proof of Notification form shall be submitted to:

Jeff Densmore, P.E., District Engineer  
State Water Resources Control Board  
Division of Drinking Water, 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 DDW 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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Jeff Densmore, P.E., District Engineer  
SWRCB-DDW  
Santa Barbara District

  
\_\_\_\_\_  
Date

cc: Santa Barbara County Environmental Health