



SUSANA MARTINEZ  
Governor

JOHN A. SANCHEZ  
Lieutenant Governor

NEW MEXICO  
ENVIRONMENT DEPARTMENT

*Hazardous Waste Bureau*

2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505-6303  
Phone (505) 476-6000 Fax (505) 476-6030  
[www.nmenv.state.nm.us](http://www.nmenv.state.nm.us)



DAVE MARTIN  
Secretary

BUTCH TONGATE  
Deputy Secretary

JAMES H. DAVIS, Ph.D.  
Director  
Resource Protection Division

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

September 20, 2012

A. David Budak  
Deputy Base Civil Engineer  
49 CES/CEVR  
550 Tabosa Avenue  
Holloman AFB, NM 88330-8458

**RE: CONDITIONAL APPROVAL  
SD-08 LONG TERM MONITORING REPORT, QUARTER 1, WINTER  
2012, MARCH 2012  
HOLLOMAN AIR FORCE BASE, EPA ID# NM6572124422  
HWB-HAFB-12-008**

Dear Mr. Budak:

The New Mexico Environment Department (NMED) has reviewed Holloman Air Force Base's (the Permittee's) first Long Term Monitoring Report for SD-08 (SWMU 82) which was received on April 6, 2012. The NMED is approving the Report with the following conditions:

1. On-site monitoring well (MW) SD-08-03 was part of an array of monitoring wells that have been used in the past for the investigation of site LF-10 (SWMUs 101 and 109), which is across Arkansas Avenue to the southeast of site SD-08. The NMED issued a Certificate of Completion for Corrective Action Complete (CAC) With Controls at site LF-10 on March 9, 2012. In the various investigations leading to this CAC determination, MW-SD-08-03 was referred to as MW-S10-07. During the last round of ground water sampling and analysis for MW-S10-07, concentrations of the explosive 2,4-Dinitrotoulene (2,4-DNT) exceeded the EPA Tap Water screening level of 0.22 µg/L at a

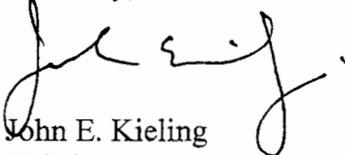
level of 57 µg/L. Further sampling of explosives from MW-SD-08-03/S10-07 has not been conducted.

Therefore, the Permittee shall analyze the ground water from MW-SD-08-03 for explosives for two consecutive quarters and provide the results in the subsequent Monitoring Reports.

2. For future ground water monitoring activities at site SD-08, the Permittee is reminded that the NMED requires that samples be analyzed using Total (unfiltered) analysis for mercury and organics and that Dissolved (filtered) analysis be used for all other metals.
3. Page 5-2, Section 5.2.1 - This Section indicates that the approved background concentration for arsenic is 25.93 µg/L. The actual NMED-approved background concentration for arsenic is set at the EPA MCL, or 10 µg/L. Therefore, future Monitoring Reports shall indicate that arsenic was present during this 1<sup>st</sup> quarterly report above background and the EPA MCL in MWs 08-02, 08-03, 08-06, 08-07 and 08-08. Future Reports shall consider the background for arsenic to be 10 µg/L.
4. Table 3 - For future Reports, under the "Basewide Background" columns, delete the columns referring to "Dissolved Metals in Groundwater" and "Total Groundwater Background Level". Only the NMED-approved background concentrations shall be shown.

If you have any questions regarding this matter, please contact David Strasser at (505) 222-9526.

Sincerely,



John E. Kieling  
Chief

Hazardous Waste Bureau

cc: W. Moats, NMED HWB  
C. Amindyas, NMED HWB  
B. Salem, NMED HWB  
D. Strasser, NMED HWB  
B. Hunt, HAFB  
C. Hendrickson, EPA, Region 6 (6PD-F)  
File: HAFB 2012 and Reading  
HAFB-12-008