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RYAN FLYNN  
Cabinet Secretary  
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Deputy Secretary

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

August 14, 2014

DeAnna Rothhaupt  
Chief, Holloman AFB Environmental  
550 Tabosa Avenue  
Holloman AFB, NM 88330

**RE: DISAPPROVAL  
RCRA FACILITY INVESTIGATION REPORT  
SWMUS 122 AND 123, JUNE 2012  
HOLLOMAN AIR FORCE BASE  
EPA ID # NM6572124422, HWB-HAFB-12-011**

Dear Ms. Rothhaupt:

The New Mexico Environment Department (NMED) has reviewed the Holloman Air Force Base (Permittee) *RCRA Facility Investigation Report, SWMUs 122 and 123* (the Report), dated June 2012 and received on June 18, 2012. NMED hereby issues this Disapproval for the reason discussed below.

According to the reported groundwater analytical results, groundwater at monitoring well SWMU122-MW09, located to the west of the site's petroleum product tank farm, contained a total xylene concentration in excess of the NM Water Quality Control Commission standard at NMAC 20.6.2.3103. The total xylene standard is 620 micrograms per liter ( $\mu\text{g/L}$ ), and the total xylene concentration detected in groundwater at monitoring well SWMU122-MW09 was 725  $\mu\text{g/L}$ . In addition, according to the Drilling Log for this well included in Appendix B of the Report, soil at a depth of between 10 and 16 feet below ground surface exhibited what appeared to be gray petroleum staining and field screening of soils from the boring using a photo-ionization detector (PID) generated readings between 952 and 1168 parts per million. The associated Monitoring Well Development Form for this well also indicated that the groundwater exhibited a petroleum odor.

Given these results, the Permittee must submit an investigation work plan to NMED proposing to determine the nature and extent of soil and groundwater contamination in the vicinity of monitoring well SWMU122-MW09. The work plan must include plans for a passive soil gas

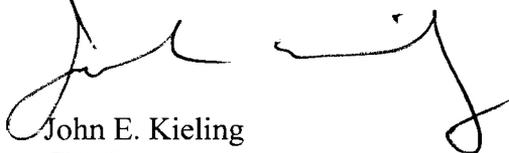
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survey to be conducted to assist in determining the extent of any soil contamination, as well as to assist in determining the locations of any needed future monitoring wells and soil borings.

The Permittee must submit this work plan no later than **November 17, 2014**. All submittals (including figures and tables) must be in the form of a paper copy and one electronic copy (in MS Word/EXCEL™ format).

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

Sincerely,



John E. Kielling  
Chief  
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB  
W. Moats, NMED HWB  
C. Amindyas, NMED HWB  
D. Strasser, NMED HWB  
D. Rizzuto, HAFB  
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File: HAFB 2014 and Reading  
HAFB-12-011