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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

March 26, 2008

Colonel Timothy J. Leahy
27th Special Operations Wing
100 South D.L. Ingram Boulevard
Cannon Air Force Base, New Mexico 88103-5214

**RE: APPROVAL WITH MODIFICATIONS
CORRECTIVE MEASURES STUDY AT SWMUs 31, 48A, 77 AND 127,
CANNON AIR FORCE BASE, NEW MEXICO
EPA ID NO. NM7572124454
CAFB-06-004**

Dear Colonel Leahy:

The New Mexico Environment Department (NMED) has reviewed the Department of Air Force's (the Permittee) second response (Response) dated October 2007 to NMED's technical review comments dated July 18, 2007 regarding the *Corrective Measures Study at SWMUs 31, 48A, 77, and 127* (Report), dated June 2000. In the process of evaluating the Response, NMED also reviewed the Permittee's responses to NMED's comments dated April 2007, as well as the second set of responses by the Permittee dated October 2007. NMED also evaluated the Permittee's recent submittal *Site ST-26 (SWMU 48A) and AOC 36 Corrective Measures Implementation Work Plan* (Work Plan), dated August 2007 that included Solid Waste Management Unit (SWMU) 48A. Based on the information presented by the Permittee, NMED hereby approves the Report with the modifications listed in this letter.

Specific Comments 10 and 19:

The Permittee's Response (dated October 2007) to the NMED's comments 10 and 19 is adequate since the incorporation of more recent media-specific screening levels (MSSLs) and toxicological data will not impact the overall results of the corrective measures study. While not

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directly addressed in the Response, the Permittee should note that the MSSL for benzo(k)fluoranthene of 1.5 mg/kg is based upon a target risk level of 1E-06. Using the State of New Mexico target risk level of 1E-05, the MSSL would be 15 mg/kg, which is above the concentrations of benzo(k)fluoranthene detected at the site.

Specific Comments 13, 15, 18 and General Comment 3:

Because volatile organic compounds (VOCs) have been detected sporadically in low concentrations at most of the sites, with the exception of higher frequencies and concentrations at SWMU 127, it is unlikely that evaluation of the potential for vapor intrusion to indoor air will change the conclusions for SWMUs 31, 48A, and 77. However, SWMU 127 has detections of several VOCs and while most of the concentrations are low, it can not be determined if overall risk would be impacted by including an analysis of exposure to indoor air.

The Permittee in the Response (dated October 2007) proposed additional characterization and potential removal of soil at SWMU 127. NMED will reevaluate SWMU 127 once confirmation sampling and, if necessary, risk analysis (accounting for vapor intrusion pathway) is performed to determine overall risk after excavation.

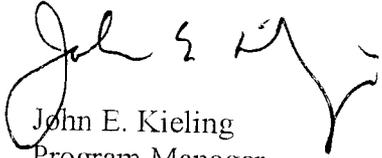
NMED will evaluate SWMU 48A after the ST-26 Work Plan (dated August 2007) is implemented.

The Permittee must document all activities conducted pursuant to this approval. The Permittee must also include in all subsequent reports any deviations from the approved work plan/report. Noncompliance with the modifications outlined in the approval letter will potentially subject the Permittee to an enforcement action. As a reminder, the Permittee shall not respond to the comments provided in an Approval with Modifications unless NMED specifically requires a response and/or resubmittal (i.e. revised text and/or pages, additional information) in the approval letter.

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Please contact Swarna Vonteddu at (505) 476-6057 should you have any questions.

Sincerely,



John E. Kieling
Program Manager
Permits Management Program
Hazardous Waste Bureau

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