



GARY E. JOHNSON  
GOVERNOR

*State of New Mexico*  
**ENVIRONMENT DEPARTMENT**

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PETER MAGGIORE  
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DEPUTY SECRETARY

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

September 17, 2001

Mark Holmes  
US Air Force  
377 ABW/EMR  
2050 Wyoming Blvd. SE  
Kirtland AFB  
Albuquerque, New Mexico 87117-5270

RE: Approval of Stage 1 Abatement Plan Report for the Bulk Fuels Facility (ST-106), Kirtland Air Force Base, Bernalillo County, Albuquerque, New Mexico.

Dear Mr. Holmes:

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulations, section 20.6.2.4109.A NMAC, the Stage 1 Abatement Plan Report dated May 21, 2001 for the facility referenced above (Site) is hereby approved subject to the condition(s) described below. In approving this abatement plan report, the Ground Water Quality Bureau (GWQB) of the New Mexico Environment Department (NMED) has determined that the requirements of WQCC Section 20.6.2.4106.C NMAC have been met.

This facility, originally installed in 1953 on Kirtland Air Force Base property, is the primary military aviation bulk fuel facility. Past discharges of aviation fuels, including aviation gas, JP-4 and JP-8 have resulted in a soil contamination plume, which covers approximately 6.5 acres, and extends to a depth of approximately 310 feet below ground surface. Depth to ground water at the facility is approximately 500 feet. The discharges have contaminated soil and ground water, as recently reported to NMED in a letter to GWQB Bureau Chief Marcy Leavitt dated July 24, 2001. In that

letter, it was reported that 1,2-dibromoethane (EDB) was detected in sample(s) from monitoring well KAFB-1061 at 0.21 µg/l. This value was the first detected exceedance of WQCC standards (20.6.2.4103 NMAC) reported at the Site.

Condition of Approval

According to the ST-106 Stage 1 Addendum Plan, submitted to NMED on September 1, 2000, KAFB may install an additional ground water monitoring well, KAFB-1062, if groundwater contamination is detected, between ST-106 and supply well KAFB-15. As a condition of approving this report, NMED requires the incorporation of the additional well installation in the Stage 2 Abatement Plan proposal required below.

Pursuant to WQCC section 20.6.2.4106.D.NMAC, a Stage 2 Abatement Plan proposal must be submitted to NMED within 60 days of the final site investigation report approval.

If you have any questions, please contact Baird Swanson at (505) 841-9458 or Christine Bynum, Program Manager, at (505) 827-2754. Thank you for your continued cooperation in this matter.

Sincerely,



Marcy Leavitt, Chief  
Ground Water Quality Bureau

ML:BHS: bhs

cc: Baird Swanson, Project Manager, GWQB