



DEPARTMENT OF THE AIR FORCE
377th Civil Engineer Squadron (AFMC)
CERTIFIED MAIL 7099 3220 0005 8924 4488
RETURN RECEIPT REQUESTED

24 Jul 01

MEMORANDUM FOR MS. MARCY LEAVITT, CHIEF
GROUNDWATER QUALITY BUREAU
NEW MEXICO ENVIRONMENT DEPARTMENT
PO BOX 26110
SANTA FE NM 87502



FROM: 377 CES/CEVR
2050 Wyoming Blvd SE,
Building 20685, Suite 125
Kirtland AFB NM 87117-5270

SUBJECT: Notification of Exceedence of Groundwater Standard

1. We have detected 1,2-Dibromoethane (EDB) in the groundwater beneath the Kirtland AFB Bulk Fuels Facility (BFF). The concentration of EDB detected was 0.21 ug/l, which exceeds the New Mexico Water Quality Control Commission Regulation's standard of 0.10 ug/l. The detection occurred during our Mar 01 Long-Term Groundwater Monitoring Plan (LTM) semi-annual sampling event.
2. The detection of EDB occurred in monitor well KAFB-1061 that was installed and sampling initiated in Nov 00 as part of our Stage 1 Abatement Plan investigation of the release of jet fuel at the BFF. Sampling for EDB was not initiated until the Mar 01 sampling event when sampling of the well was continued as part of the LTM.
3. The well is completed in the regional aquifer that extends beneath Kirtland AFB and is downgradient from the site. The regional aquifer is the source of drinking water for KAFB. The closest KAFB drinking water production, KAFB No. 15, is located approximately 1800 feet from KAFB-1061. The groundwater from KAFB No. 15 is sampled quarterly for Volatile Organic Compounds, including EDB by the KAFB Bioenviromental Engineering. No VOC's have been detected in KAFB No. 15.
4. Although the Mar 01 LTM Semi-Annual sampling event report has not been finalized, the analytical data have been validated as a confirmed detection.

KAFB2308



5. Please contact Mr. Mark Holmes at 505-846-9005 or me at 505-846-9122, if you have any questions on this matter.



CHRISTOPHER B. DEWITT, GS-13
Chief, Restoration Branch
Environmental Management Division

cc:

NMED-HWB (Mr. Keiling)
NMED-HWB KAFB (Mr. Moats)
NMED-GWQB (Mr. Swanson)
EPA Region 6 (Ms. Tellez)
HQ AFMC/CEVC (Mr. Fort)
AFCEE (Mr. Arnold)
CH2MHILL (Ms. Minchak)
377 CES/CEVC (Mr. Montano)