



BILL RICHARDSON  
GOVERNOR

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

**Ground Water Quality Bureau**  
**Harold Runnels Building**  
**1190 St. Francis Drive, P.O. Box 26110**  
**Santa Fe, New Mexico 87502-6110**  
**Telephone (505) 827-2918**  
**Fax (505) 827-2965**  
**Fed Ex (87505)**



RON CURRY  
SECRETARY

CINDY PADILLA  
DEPUTY SECRETARY

March 9, 2007

Carl J. Lanz P.G.  
US Air Force  
377 MSG/CEVR  
2050 Wyoming Blvd. SE  
Building 20685, Suite 118  
Kirtland AFB  
Albuquerque, New Mexico 87117-5270

**Re: Stage 2 Abatement Plan Modification Required for the Bulk Fuels Facility,  
Kirtland Air Force Base (KAFB) Albuquerque, New Mexico**

Dear Mr. Lanz:

The purpose of this letter is for the New Mexico Environment Department (NMED) to require a Stage 2 Abatement Plan (AP) modification pursuant to New Mexico Water Quality Control Commission (WQCC) Regulation 20.6.2.4111 NMAC, for the KAFB Bulk Fuels Facility ST-106. The AP modification, as described below, is required because of the detection of light non-aqueous phase liquid (LNAPL) in a monitoring well at the site.

NMED was informed in letters dated February 13 and 22, 2007 of the discovery of 1.44 feet of LNAPL in the newly installed monitoring well KAFB 1065. The well is screened in the regional water supply aquifer at 487 feet below ground surface. The presence of LNAPL is a violation of WQCC standards for ground water. NMED requires that immediate corrective action be taken that must include, at a minimum, definition of the horizontal extent of LNAPL on ground water, an action plan for its removal, and a focused investigation of nearby historical operations which may have been its source. Your recent correspondence does fulfill the reporting requirements; however, NMED has determined that the LNAPL will be handled under the existing Stage 2 AP. The February 22, 2007 letter does include a proposal for the installation of additional monitoring wells. This proposal shall be included as part of the AP modification described below.

As part of the required AP modification, the Stage 2 Abatement Plan (AP) at ST-106 must consolidate all assessment and remediation activities at the KAFB Bulk Fuels facility, past and

Mr. Carl J. Lanz  
March 9, 2007  
Page 2

present (including the previous ST-106 East Stage 1 AP), into a single ST-106 Stage 2 AP, as outlined in the list of requirements specified below.

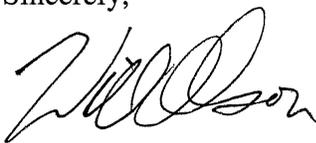
KAFB must submit a Modified Stage 2 AP proposal, within sixty (60) days of the date of this letter, with a schedule for implementation that includes:

1. A plan to define the lateral extent of LNAPL found at KAFB-1065, the first step of which is outlined in the February 22, 2007 letter,
2. A plan to recover LNAPL,
3. A plan to assess soil contamination near the historical fuel offloading/dispensing feature identified in the 1951 aerial photograph nearest the KAFB-1065 well, and
4. A modified schedule to perform soil investigation recommended in the February, 2006 Stage 1 AP Report for the ST-106 East Side.

The above requirements does not relieve KAFB of its responsibility to obtain third-party access, and to comply with any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

Please provide at least two (2) weeks advance notice of your field activities to NMED. If you have any questions, please contact Baird Swanson, Project Manager, at (505) 222-9520 or Christine Bynum, Program Manager (505) 827-2754. Thank you for your cooperation in this matter.

Sincerely,



William C. Olson, Chief  
Ground Water Quality Bureau

Cc: Baird Swanson NMED Dist 1 Office, GWQB  
ROS Reading File