



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)

 ENTERED

MAY 3 2010

Colonel Robert L. Maness
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB NM 87117-5606

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Bldg 1
Santa Fe NM 87505-6303



Dear Mr. Bearzi

On 2 April 2010, Kirtland Air Force Base (AFB) received your letter directing Kirtland AFB to move forward on the Stage 2 Abatement Plan Modification Addendum dated 16 March 2010, to include the installation of monitoring wells KAFB-1026, KAFB-10627 and KAFB-10628, subject to the nine (9) identified plan modifications. Kirtland AFB is hereby requesting approval to deviate from the monitoring well screen length requirements for the three (3) monitoring wells, location of the three (3) wells to be installed, and the three (3) monitoring wells cluster configuration installation timeline.

On Page 11 of your 2 April 2010 letter, the identified requirements state that "Screen lengths for the wells will not exceed 20 feet, with 15 feet of screen situated below the water table, and 5 feet of screen constructed about the water table." During subsequent communication with your office, Kirtland AFB received tentative approval to deviate from this requirement, provided a follow-up written request was submitted. Kirtland AFB is hereby submitting this written request to deviate from the requirement to allow the installation of screen lengths of 25 feet, with no more than 15 feet of screen oriented below the water table for these three (3) wells. This modification would provide a longer screen interval above the water table open to the vadose zone and could provide increased access to any LNAPL smear zone. This will allow for potential use of the well in interim soil vapor extraction (SVE) remediation, as well as final remediation activities.

Items 4 and 5 on Page 12 of your 2 April 2010 letter state the approved locations of wells KAFB-10626, 10627 and 10628 correspond with locations 5, 6 and 13, respectively, in Table 5 of your letter. In reviewing these monitoring well locations, Kirtland AFB has identified conflicting directions with Table 5 and the text of your letter (see Page 12, Item 4). As per the Stage II Abatement Work Plan of 16 March 2010, the proposed location for well number KAFB-10626 was near the intersection of Anderson and Georgia. When mapping the coordinates for this well contained in Table 5, the coordinates place the well on Ross, one block South of Anderson. Kirtland AFB has followed the directions contained in the work plan and your letter

and installed a single well at the Anderson location. Wells KAFB-10627, the well directed to be placed in an up-gradient location, and well 10628, the well to be located inside Bullhead Park, will be placed as directed in your 2 April 2010 letter and 22 March 2010 email.

On Page 8 and 9 of your letter, Table 5 identifies all wells within the Table as "cluster" wells in configuration and suggests wells KAFB-10626, 10627 and 10628 be installed in the cluster configuration. Since wells KAFB-10626, 10627 and 10628 were pre-purchased as single screened wells, Kirtland AFB is initially limited to the installation of single wells at each of their respective locations. Funding for the remaining cluster wells at these three (3) locations is being requested and the installation will be addressed in the work plans to be submitted. Installation of the single wells at the three locations has begun and will be completed shortly. However, the cluster configuration will not be completed by the 6 July 2010 or the 90-day requirement identified in your letter. Accordingly, Kirtland AFB is requesting an extension for completing the monitoring well cluster configuration at wells KAFB-10626, 10627 and 10628.

Thank you for your consideration. If you have any questions or concerns regarding this acknowledgment and request, please contact Mr. John Pike, 377 MSG/CEAN, at (505) 846-4586.

Sincerely



ROBERT L. MANESS, Colonel, USAF
Commander

Attachments:

1. NMED Letter, 2 April 2010
2. Copy of Mr. James Bearzi's 22 April 2010 email

cc:

ABCWUA, Ms. Gastian w/ atchs
COA AEHD, Ms. Leonard w/ atchs
COA, Mr. Howell, w/ atchs
NMED GWQB, Mr. Swanson w/ atchs
NMED HWB, Mr. Kieling w/ atch 2 only
NMED HWB, Mr. McDonald w/ atchs
377 MSG/CEANQ, Mr. Adkins w/ atchs
USEPA-Region 6 (6PD-N), Ms. King w/o atchs
AFCEE/CMSE, Mr. Oyelowo w/o atchs
AFCEE/ICE, Ms. Doll w/o atchs
CH2MHill, Ms. Minchak w/o atchs
Admin. Record, CNM, Montoya Campus w/ atch 2 only
AR/IR w/ atch 2 only
File w/ atchs