



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

 ENTERED

JUN 20 2011

Mr. Thomas Berardinelli  
377 ABW/DS  
2000 Wyoming Blvd SE  
Kirtland AFB NM 87117-5000

2011

Mr. John Kieling  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Dr East, Bldg 1  
Santa Fe NM 87505-6303

Mr. Kieling

Kirtland Air Force Base is requesting a modification to the Groundwater Investigation Work Plan, Part I: Field Investigation Activities, Bulk Fuels Facility Spill, Solid Waste Management Units ST-106 and SS-111, submitted on 31 Mar 11.

As reported in our Quarterly Pre-Remedy Monitoring and Site Investigation Report for January – March 2011, Bulk Fuels Facility Spill Solid Waste Management Units ST-106 and SS-111, submitted to you on 27 May 11, the groundwater levels in the Regional Aquifer in the area of the Bulk Fuels plume have increased from four to six feet since 2009 due to the decrease in use of groundwater for drinking water by the Albuquerque Bernallilo County Water Utility Authority (ABCWUA). As a result, the groundwater levels in the groundwater monitor wells being installed at the surface of the groundwater as part of our investigation are increasing. The increase will eventually submerge the five-foot portion of the screen currently open to the air above the groundwater surface for wells that are completed at the surface of the groundwater. This will result in water samples being collected from below the surface of the groundwater, which will not be representative of the surface of the groundwater as required by our plan.


Increases in the level of the groundwater in the Regional Aquifer are anticipated to continue as the ABCWUA increases the percentage of surface water and decreases the percentage of groundwater used for regional drinking water. To prevent collection of non-representative samples from submerged screens, we are requesting that the well screen lengths for groundwater monitor wells installed at the surface of the groundwater be increased to a length of thirty feet from the twenty foot length stated in our approved workplan. The increased screen length would permit ten additional feet of length above the groundwater/air interface to accommodate the increasing groundwater levels, preventing submergence of the well screens and permitting continued collection of representative water samples from the surface of the groundwater. This would only affect the ten groundwater monitor wells remaining to be installed at the surface of the groundwater.

KAFB3769



If you have any questions with regard to this submittal, please contact Mr. John S. Pike,  
(505) 846-8546.

Sincerely

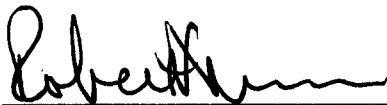
  
THOMAS F. BERARDINELLI  
Director of Staff

cc:

NMED HWB - Mr. Moats, w/ atchs electronic and hardcopy  
NMED GWQB - Mr. Olson, w/ atchs electronic and hardcopy  
NMED HWB - Mr. McDonald, w/o atchs  
NMED HWB - Mr. Brandwein, w/o atchs  
USEPA-Region 6 (6PD-N), Ms. King, w/o atchs  
AFCEE, Mr. Oyelowo, w/o atchs  
USACE, Mr. Midgal, w/o atchs  
Admin. Record, CNM, Montoya Campus w/ atch  
File

**40 CFR 270.11 DOCUMENT CERTIFICATION**  
**27 MAY 2011**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



ROBERT L. MANESS, Colonel, USAF  
Commander

This document has been approved for public release.



Kirtland Air Force Base  
377th Air Base Wing Public Affairs