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JOHN A. SANCHEZ
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NEW MEXICO
ENVIRONMENT DEPARTMENT



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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 14, 2015

Colonel Tom D. Miller
Base Commander
377 ABW/CC
2000 Wyoming Blvd. SE
Kirtland AFB, NM 87117-5606

Mr. John Pike
Director, Environmental Management Services
377 MSG
2050 Wyoming Blvd. SE, Suite 116
Kirtland AFB, NM 87117-5270

**RE: GROUNDWATER EXTRACTION PILOT IMPLEMENTATION AND
ADDITIONAL PLUME CHARACTERIZATION LETTER WORK PLAN,
ADDENDUM #4,
BULK FUELS FACILITY SPILL
SOLID WASTE MANAGEMENT UNITS ST-106 AND SS-111
KIRTLAND AIR FORCE BASE
EPA ID# NM9570024423
HWB-KAFB-15-MISC**

Dear Colonel Miller and Mr. Pike:

The New Mexico Environment Department (NMED) is in receipt of the Kirtland Air Force Base (the Permittee) *Groundwater Extraction Pilot Implementation and Additional Plume Characterization Letter Work Plan, Addendum #4*, submitted on May 13, 2015. The Work Plan Addendum #4 proposes to:

- Plug and abandon the borehole created by the first attempt to drill and construct EDB dissolved phase extraction well KAFB-106228;
- Re-drill extraction well KAFB-106228 using a mud rotary drill rig; and
- Construct extraction well KAFB-106228 with a smaller well-screen slot size and smaller filter pack.

The Permittee's Work Plan Addendum #4 is hereby approved with the following condition:



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1. The Permittee may modify the well-screen slot sizes and filter pack grain sizes depending on the actual geologic conditions encountered during drilling to ensure appropriate well construction. Upon completion of drilling and construction, the Permittee shall submit to NMED as-built well diagrams, lithologic logs, and an explanation of how the well-screen slot sizes and filter pack grain sizes were selected.

NMED technical staff will assist you and your contractor in any way possible to achieve this interim measure.

If you have any questions, please contact me at 505-827-2855.

Sincerely,



Kathryn Roberts
Director
Resource Protection Division

KR/DM

cc: Col. T. Haught, KAFB
D. Wilson, KAFB
B. Gallegos, AEHD
F. Shean, ABCWUA
L. King, EPA-Region 6 (6PD-N)

File: KAFB 2014 Bulk Fuels Facility Spill and Reading