



NEW MEXICO **ENTERED**
ENVIRONMENT DEPARTMENT



Environmental Health Division

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TOM BLAINE, P.E.
Division Director

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

November 22, 2013

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

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

**RE: GROUNDWATER EXTRACTION WELL KAFB-106157
AQUIFER TESTING WORK PLAN
BULK FUELS FACILITY SPILL
SOLID WASTE MANAGEMENT UNITS ST-106 AND SS-111,
KIRTLAND AIR FORCE BASE
HWB-KAFB-13-014**

Dear Col. Miller and Mr. Pike:

The New Mexico Environment Department (NMED) Environmental Health Division (EHD) has received the U.S. Air Force's (the Permittee) *Groundwater Extraction Well KAFB-106157 Aquifer Testing Work Plan Bulk Fuels Facility Spill Solid Waste Management Units ST-106 and SS-111* (Work Plan) dated October 2013. Extraction well KAFB-106157 was installed in 2011 north of Kirtland Air Force Base and adjacent to the north side of Bullhead Park in Albuquerque, New Mexico. The EHD hereby approves the Work Plan with the following modifications. At a minimum, the Permittee must analyze samples of groundwater generated during the aquifer test in accordance with the following requirements:

1. Collect influent samples twice a day for the hazardous waste determination analytes [volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and RCRA metals] including 24-hour turnaround analyses for VOCs by EPA Method 8260 and EDB by EPA Method 8011. The Permittee must also analyze the influent samples for gasoline-range organics (GRO) and diesel-range organics (DRO) by modified EPA Method 8015.

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2. Collect samples from the effluent discharged from the third carbon bed twice a day for analysis for GRO, DRO, VOCs, SVOCs, EDB, iron, manganese, major anions and cations, alkalinity, ammonia and sulfide. VOCs and EDB analyses must be conducted within 24 hours of sample collection.

If any of the results of treatment system influent sample analytical testing indicate that groundwater extracted during the test is a hazardous waste as defined by 40 CFR 261 subpart C, the Permittee must obtain an emergency permit to treat the hazardous waste from NMED in accordance with 40 CFR 270.61.

Should you have any questions, please contact me at (505) 827-2855.

Sincerely,



Tom Blaine, P.E.
Director
Environmental Health Division

cc: S. Reuter, NMED PSTB
J. Schoeppner, NMED GWQB
B. Gallegos, AEHD
F. Shean, ABCWUA
L. King, EPA-Region 6 (6PD-N)