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BUTCH TONGATE  
Cabinet Secretary

J. C. BORREGO  
Deputy Secretary

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

February 20, 2018

Colonel Richard W. Gibbs  
Base Commander  
377 ABW/CC  
2000 Wyoming Blvd SE  
Kirtland AFB, NM 87117-5606

Mr. Chris Segura  
Chief, Installation Support Section  
AFCEC/CZOW  
2050 Wyoming Blvd SE, Suite 124  
Kirtland AFB, NM 87117-5270

**RE: EXTRACTION WELL KAFB-106239 STARTUP, AUTHORIZATION FOR INJECTION OF TREATED WATER INTO WELL KAFB-7 BULK FUELS FACILITY SOLID WASTE MANAGEMENT UNIT ST-106/SS-111 KIRTLAND AIR FORCE BASE EPA ID# NM9570024423, HWB-KAFB-13-MISC**

Dear Colonel Gibbs and Mr. Segura:

The New Mexico Environment Department (“NMED”) is in receipt of the Kirtland Air Force Base (“KAFB”) (“Permittee”) test results for the first two of seven daily samples collected from the extraction well KAFB-106239, and samples from groundwater treatment system influent, mid-point, and effluent in both treatment trains associated with extraction wells KAFB-106228, 106233, 106234, and 106239. Effluent samples collected on February 5 and 6, 2018 contained no detectable ethylene dibromide (“EDB”) or petroleum hydrocarbons, and metals concentrations were either not detectable or within effluent standards. Test results are as follows:

**Test Results for Extraction Well KAFB-106239 Startup (first two of seven daily samples).**

	<b>5-Feb-18</b>	<b>6-Feb-18</b>
KAFB-106239	1 µg/L toluene	0.9 J µg/L toluene 0.018 J µg/L EDB
Train 1 Influent	0.029 µg/L EDB	0.028 µg/L EDB
Train 1 Mid-Point	All Non Detect	All Non Detect
Train 1 Effluent	All Non Detect	All Non Detect
Train 2 Influent	0.026 J µg/L EDB 0.0149 mg/L Mn	0.023 J µg/L EDB 0.0024 J mg/L Mn
Train 2 Mid-Point	0.0034 J mg/L Mn	All Non Detect
Train 2 Effluent	0.100 J mg/L Fe 0.0029 J mg/L Mn	0.0019 J mg/L Mn

**DP-1839 Effluent Limits:**

EDB < 0.050 µg/L

Toluene < 750 µg/L

Fe < 1.0 mg/L

Mn < 0.2 mg/L

J value quantifier means estimated concentration (greater than method detection limit, but less than limit of quantitation)

Contaminants were not detected in the trip blank, and data for matrix spikes and surrogate recoveries were within acceptable ranges. Based on the submitted test results, the Permittee is authorized to discharge treated water into injection well KAFB-7 in compliance with all conditions and monitoring requirements of the Permittee's Hazardous Waste Permit and Groundwater Discharge Permit, DP-1839.

If you have any questions regarding this letter, please contact NMED Chief Scientist, Dennis McQuillan at (505) 827-2140.

Sincerely,



Juan Carlos Borrego  
 Deputy Secretary  
 Environment Department

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cc: Col. M. Harner, KAFB  
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File: KAFB 2018 Bulk Fuels Facility Spill