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Governor

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BUTCH TONGATE
Cabinet Secretary
J. C. BORREGO
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

April 20, 2017

Colonel Eric. H. Froelich
Base Commander
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB, NM 87117-5606

Lieutenant Colonel Wayne J. Acosta
Civil Engineer Office
377 Civil Engineering Division
2050 Wyoming Blvd SE, Suite 116
Kirtland AFB, NM 87117-5270

**RE: BULK FUELS FACILITY EXPANSION OF THE DISSOLVED-PHASE PLUME
GROUNDWATER TREATMENT SYSTEM DESIGN, REVISION 2
SOLID WASTE MANAGEMENT UNIT ST-106/SS-111
KIRTLAND AIR FORCE BASE
EPA ID# NM9570024423, HWB-KAFB-13-MISC**

Dear Colonel Froelich and Lt. Colonel Acosta:

The New Mexico Environment Department (“NMED”) is in receipt of the Kirtland Air Force Base (“KAFB”) report titled *Borehole Abandonment Activities Report, Performed as part of the construction effort for the Ethylene Dibromide In Situ Biodegradation Pilot Test* (“Report”), dated March 8, 2017. The Report addresses abandonment activities relating to a borehole for groundwater monitoring well KAFB-106MW2. The Report also documents revisions to the original borehole abandonment plan due to delivery of an incorrect grout mixture for borehole abandonment.

NMED concurs with the Office of the State Engineer’s February 20, 2017 approval of the original borehole abandonment plan. It is noted that the drilling contractor placed pre-mixed material that did not meet the OSE approved specifications down the borehole from 500 feet below ground surface (“bgs”) to 87 feet bgs. KAFB is proposing to complete borehole abandonment with 95-97 percent Type I/II Portland cement and 3-5 percent bentonite grout mix from 87 to 2 feet bgs. From 2 feet bgs to the ground surface, KAFB proposes to use native soil



Col. Froelich and Lt. Col. Acosta
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from the surface of the site. For the reasons noted herein, the proposed additional borehole abandonment activities are approved.

If you have any questions regarding this letter, please contact Diane Agnew at (505) 222-9555.

Sincerely,



Juan Carlos Borrego
Deputy Secretary
Environment Department

cc: Col. M. Harner, KAFB
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File: KAFB 2017 Bulk Fuels Facility Spill