



SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

NEW MEXICO
ENVIRONMENT DEPARTMENT

Harold Runnels Building
1190 Saint Francis Drive (87505)
P.O. Box 5469, Santa Fe, NM 87502-5469
Phone (505) 827-0419 Fax (505) 827-0310
www.nmenv.state.nm.us



RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 16, 2014

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: EXTENSION APPROVAL
INTERIM GROUNDWATER LNAPL REMEDIATION,
BULK FUELS FACILITY SPILL
SOLID WASTE MANAGEMENT UNITS ST-106 AND SS-111
KIRTLAND AIR FORCE BASE
EPA ID# NM9570024423, HWB-KAFB-14-MISC**

Dear Colonel Miller and Mr. Pike:

The New Mexico Environment Department (NMED) has evaluated your October 6, 2014 request for an extension on submission of a work plan for an air-sparge pilot test that would be installed within the area where light non-aqueous phase liquid (LNAPL) is submerged in groundwater. This interim measure would test the feasibility of utilizing sparge-and-vent technology to remediate LNAPL that has been smeared and trapped in the aquifer by a rising water table.

The Permittee has explained in the extension request that analytical data from the soil vapor extraction (SVE) expansion cores are important for selecting the location for the air sparge pilot test, and for selecting and designing an appropriate system based on site-specific conditions. NMED is in agreement that the core data is important information to make an informed decision on air sparging. NMED also believes that the SVE pilot test data also should be obtained before designing an air sparging pilot test.

For good cause shown, the deadline for the Permittee to submit a work plan for the LNAPL air sparging pilot test is hereby extended until 90 days after completion of the SVE pilot testing.

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

Col. Miller and Mr. Pike
December 16, 2014
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If you have any questions, please contact me at 505-827-2855.

Sincerely,

A handwritten signature in blue ink that reads "Butch Tongate". The signature is written in a cursive style with a long horizontal line extending from the end of the name.

Butch Tongate
Acting Director
Environmental Health Division

BT/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