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RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

July 21, 2015

Colonel Eric H. Froehlich
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: EXCAVATION REPORT
FORMER FUEL OFFLOADING RACK
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 Froehlich and Mr. Pike:

The New Mexico Environment Department (NMED) is in receipt of the Kirtland Air Force Base (the Permittee) *Former Fuel Offloading Rack – Excavation Report*, (Report) dated March 2, 2015.

The Report documents the excavation of about 2,340 cubic yards of contaminated soil for off-site disposal, and the collection of confirmation soil samples from the excavation floor and sidewalls. Excavations were deepened and stepped-out laterally as needed as a result of detections of contaminants exceeding NMED's residential screening levels. The Report concludes that petroleum constituents are no longer present at concentrations exceeding NMED's residential screening levels, down to a depth of 20 feet, except at locations where excavation was not possible due to the existence of utilities or infrastructure. The Report recommends that a risk assessment be conducted to determine if contaminants in the areas of exceedance that could not be excavated pose unacceptable risk to human health and the environment.

The Permittee's Report is hereby approved with the following conditions:

1. The Permittee must conduct a risk assessment to determine if contaminants in the areas of exceedance that could not be excavated pose an unacceptable risk to human health and the environment.
2. The risk assessment may be incorporated into the broader risk assessment contained in the RCRA Facility Investigation (RFI) Report anticipated to be submitted to NMED in 2016.
3. The RFI risk assessment shall evaluate the potential, if any, for vapor intrusion at locations both on and off the Bulk Fuels Facility.
4. The RFI risk assessment shall make reference to the most recent version of NMED Risk Assessment Guidance for Site Investigations and Remediation including screening levels for both soil matrix and soil vapor.

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
Wayne Bitner, KAFB
M. Leonard, AEHD
F. Shean, ABCWUA
L. King, EPA-Region 6 (6PD-N)
J. Kieling, NMED-HWB
D. McQuillan, NMED-RPD

File: KAFB 2015 Bulk Fuels Facility Spill Library and Reading File