



**NEW MEXICO
ENVIRONMENT DEPARTMENT**



Hazardous Waste Bureau

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RYAN FLYNN
Cabinet Secretary-Designate

BUTCH TONGATE
Deputy Secretary

TOM BLAINE, P.E.
Director
Environmental Health Division

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

January 24, 2014

Mark Patterson
BRAC Coordinator
Ravenna Army Ammunition Plan
Building 1038
8451 State Route 5
Rootstown, OH 44272

Steve Smith
USACE FWDA & Lone Star PM
CESWF-PEC-EF
819 Taylor Street, Room 3A12
PO Box 17300
Fort Worth, TX 76102-0300

**RE: APPROVAL WITH MODIFICATIONS
RCRA FINAL FACILITY INVESTIGATION REPORT
PARCEL 16
FORT WINGATE DEPOT ACTIVITY, NEW MEXICO
EPA ID# NM6213820974
FWDA-13-008**

Dear Messrs. Patterson and Smith:

The New Mexico Environment Department (NMED) received the Department of the Army's (the Permittee) *Final RCRA Facility Investigation Report (RFI); Parcel 16* (Report), dated August 16, 2013. NMED has reviewed the Report and hereby issues this Approval with the following modification.

Comment 1.

SWMU 16: X and Z Open Storage Areas, page 3-17, lines 4-29. The Permittee proposes to collect one nine-increment composite sample from each of the 25' x 75' grids at 12-18 inches below ground surface (bgs). Nine-increments are not sufficient to reduce sampling error due to

heterogeneity and utilizing a deeper soil interval increases uncertainty. Therefore, continue to use multi-incremental sampling per EPA Method 8330B, Appendix A (i.e., minimum of 30-increments per sample) for the phase II investigation. The Permittee must sample at the 6-12 inch depth interval where the compounds of concern were detected. Once the Permittee has defined the hot-spots, the vertical extent of contamination must be evaluated by collecting discrete samples at the proposed depth of 12-18 inches. The proposed six discrete samples to the northwest and the southwest may be collected as surface samples.

Comment 2.

The Permittee is requesting no further action at AOC 41 – Area K-Block Igloos. However, the entire AOC has not yet been evaluated because the igloo interiors have not been investigated. NMED and FWDA are in discussions regarding the igloo interiors. NMED cannot evaluate human health risk until all investigations are complete; therefore, a request for corrective action complete status cannot be evaluated for this AOC at this time.

The Phase II Work Plan must be submitted to NMED no later than May 5, 2014.

Messrs. Patterson and Smith
January 24, 2013
Page 3

If you have questions regarding this approval with modifications please contact Vicky Baca of my staff at 505-476-6059.

Sincerely,

A handwritten signature in black ink, appearing to read "John E. Kieling". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

John E. Kieling
Chief
Hazardous Waste Bureau

cc: Dave Cobrain, NMED HWB
N. Dhawan, NMED HWB
Christy Esler, USACE
Laurie King, U.S EPA Region 6
Chuck Hendrickson, U.S. EPA Region 6
Steve Beran, Zuni Pueblo
Darrell Tsabetsaye, Zuni Pueblo
Kirk Bemis, Zuni Pueblo
Tony Perry, Navajo Nation
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Judith Wilson, BIA
Eldine Stevens, BIA
Matthew Kirkland, BIA

File: FWDA 2013 & Reading File
FWDA-13-008