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**NEW MEXICO  
ENVIRONMENT DEPARTMENT**

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**James C. Kenney**  
Cabinet Secretary

**Jennifer J. Pruett**  
Deputy Secretary

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

January 6, 2020

Brian D. Knight, Chief  
Environmental Division (Building 163)  
U.S. Army White Sands Missile Range  
White Sands Missile Range, NM 88002-5000

**RE: APPROVAL  
REVISED RCRA FACILITY INVESTIGATION REPORT  
SWMU 165, LC-34 CONTAMINATED SOILS AT BUILDINGS 23104 AND 23106  
WHITE SANDS MISSILE RANGE, NEW MEXICO  
EPA ID #NM 2750211235  
HWB-WSMR-18-016**

Dear Mr. Knight:

The New Mexico Environment Department (NMED) has reviewed the U.S. Army White Sands Missile Range (Permittee) *Revised RCRA Facility Investigation Report SWMU 165, LC-34 Contaminated Soils at Buildings 23104 and 23106* (Report), dated October 2019. NMED hereby issues this Approval.

**Comment 1**

The Permittee's Response to Comment 6 states, "[t]he TPH-ORO carbon range as reported by the analytical laboratory was C28 – C35. Table 6-1 of the NMED Risk Assessment Guidance for Investigations and Remediation Volume 1 (March 2017) indicates that Waste Oil is 100 percent C19–C36. The referenced TPH-ORO result falls within this defined range of waste oil; therefore, the ORO result was compared to the residential exposure limit for waste oil (listed in Table 6-2 of the NMED Guidance document)." Note that the carbon ranges presented in NMED's Guidance Document Table 6-1 (TPH Compositional Assumptions Used in Deriving Screening Levels) are not meant to be used to determine which screening criteria to use, it is meant to

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demonstrate the data used by NMED to come up with the screening levels. The most appropriate screening level to be used for comparison is Unknown Oil, since it is the most conservative and therefore most protective. No revision necessary; however, in the future note that the use of Table 6-1 is not appropriate to decide which screening level to use for data comparison.

This Approval is based on the information presented in the document as it relates to the objectives of the work identified by NMED at the time of review. Approval of this document does not constitute agreement with all information or every statement presented in the document.

If you have any questions regarding this correspondence, please contact Kristen Van Horn at (505) 476-6046.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dave Cobrain".

Dave Cobrain  
Acting Chief  
Hazardous Waste Bureau

cc: K. Van Horn, NMED HWB  
B. Avalos, WSMR  
L. King, EPA

File: WSMR 2020 and Reading  
WSMR-18-016