



MICHELLE LUJAN GRISHAM
GOVERNOR

JAMES C. KENNEY
CABINET SECRETARY

November 17, 2025

Ms. Amanda Skarsgard
NASA Environmental Compliance Manager
National Aeronautics and Space Administration
White Sands Test Facility
P.O. Box 20
Las Cruces, New Mexico 88004-020
amanda.g.skarsgard@nasa.gov

Attention of: RE-24-100

RE: APPROVAL WITH COMMENT

**NASA WHITE SANDS TEST FACILITY (WSTF) 500 AREA FORMER OXIDIZER BURNER
(SWMU 54) INVESTIGATION REPORT
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHNSON SPACE CENTER WHITE SANDS TEST FACILITY
DOÑA ANA COUNTY, NEW MEXICO
EPA ID #NM8800019434
HWB-NASA-24-007**

Dear Amanda Skarsgard,

The New Mexico Environment Department (NMED) has received the National Aeronautics and Space Administration Johnson Space Center White Sands Test Facility (Permittee) *NASA White Sands Test Facility (WSTF) 500 Area Former Oxidizer Burner (SWMU 54) Investigation Report*, dated July 25, 2024. NMED has completed review of the revised Investigation Report and hereby issues this Approval with the following comment.

NMED COMMENT

1. Table 4.1 summarizes the soil analytical results that were collected from depths of one foot below ground surface (ft bgs) and 5 ft bgs. The maximum detected concentration was sample 500-FOB-02, at 5 ft bgs. Table 6.1 summarizes the human health risk calculations for the resident, industrial/occupation worker, and the construction worker. The maximum detected concentration highlighted in Table 4.1 was applied as the exposure point concentration (EPC) for all three receptors. As the soil exposure interval for the resident and construction worker is 1-10 ft bgs, the EPC is appropriate. However, the soil exposure interval for the industrial/occupation worker is 0-1 ft bgs. Thus, the use of the EPC from 5 ft bgs for this receptor overestimates the potential risk. As the hazard index for the industrial/occupational worker is less than the target level of 1, use of a more conservative EPC does not impact the results of the assessment. No revisions are needed.

Ms. Amanda Skarsgard
November 17, 2025
Page 2

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 letter, please contact Melissa Milner at (505) 690-5760.

Sincerely,

JohnDavid Nance
Chief
Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB
C. Amindyas, NMED HWB
M. Milner, NMED HWB
L. King, EPA Region 6,
Mike Zigmond, NASA WSTF, michael.j.zigmond@nasa.gov

File: NASA 2025 and Reading