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Certified Mail - Return Receipt Requested

June 30, 2022

Tim Davis
Chief Environmental Officer
National Aeronautics and Space Administration
White Sands Test Facility
P.O. Box 20
Las Cruces, NM 88004-0020

Attention of: RE-21-122

**RE: APPROVAL WITH MODIFICATIONS
TARGETED MOBILE REMEDIATION PROCESS INTERIM STATUS REPORT PROJECT YEAR 3
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHNSON SPACE CENTER WHITE SANDS TEST FACILITY
DOÑA ANA COUNTY, NEW MEXICO
EPA ID #NM08800019434
HWB-NASA-21-013**

Dear Mr. Davis:

The New Mexico Environment Department (NMED) has received the National Aeronautics and Space Administration Johnson Space Center White Sands Test Facility (Permittee) *Targeted Mobile Remediation Process Interim Status Report Project Year 3* (Status Report), dated July 27, 2021. NMED has completed review of the Status Report and hereby issues this Approval with the following modifications.

MODIFICATIONS

- 1. Table 5.1, Analytical Data for Monitoring Wells Pumped from Inception to Date, Pages 32 through 39**

NMED Comment: The following Table 5.1 comments must be addressed:

- a. Concentrations for Freon 113 for well ST-1-473 reported on Table 5.1 appear to be the method reporting limits and are not accurate. Table 5.1 and any other affected table (e.g., Table 6.5) must be revised to report all respective Freon 113

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concentration data accurately. Revise the tables accordingly and provide respective replacement tables.

- b. Concentrations for Freon 11 for well BW-1-268 reported on Table 5.1 appear to be the method reporting limits and are not accurate. Table 5.1 must be revised to report the Freon 11 concentrations for well BW-1-268 accurately. Revise the table and any other affected tables (e.g., Table 6.4) accordingly and provide respective replacement tables.
- c. The Freon 113 concentration for MPE-4 for the March 24, 2021 sampling event for the second round of pumping appears to have been omitted from the table. Revise the table to report the concentration data for the sampling date as reported on Table 6.5 and provide a replacement table.

The Permittee must provide replacement pages that address each of NMED's modifications. In addition, a response letter that cross-references where the modifications were addressed must be provided. The response letter must also be provided as an electronic copy. Electronic copies of the redline-strikeout version of the Status Report showing where all changes were made to the Status Report and the revised Status Report must be submitted to NMED no later than **August 19, 2022**.

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.

Mr. Davis
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If you have any questions regarding this letter, please contact Gabriel Acevedo at (505) 690-5760.

Sincerely,

Rick Shean

Digitally signed by Rick
Shean
Date: 2022.06.30 14:36:20
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Rick Shean
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
B. Wear, NMED HWB
G. Acevedo, NMED HWB
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M. Zigmond, NASA WSTF

File: NASA 2022 and Reading

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