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**NEW MEXICO
ENVIRONMENT DEPARTMENT**

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Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

December 12, 2019

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-19-063

**RE: APPROVAL WITH MODIFICATION
NASA WSTF PERIODIC MONITORING REPORT FIRST QUARTER 2019
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
JOHNSON SPACE CENTER WHITE SANDS TEST FACILITY
DOÑA ANA COUNTY, NEW MEXICO
EPA ID #NM08800019434
HWB-NASA-19-008**

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) *Periodic Monitoring Report for First Quarter 2019* (PMR), dated April 29, 2019. NMED has completed review of the PMR and hereby issues this Approval with the following modification.

MODIFICATION

1. Appendix E, Time Concentration Plots

NMED Comment: As provided in NASA's October 24, 2019 *Response to Disapproval of NASA WSTF Periodic Monitoring Report for Fourth Quarter 2018* (Revised 2018 Fourth Quarter PMR), The Permittee will continue to report and track low-level N-nitrosodimethylamine (NDMA) detections on the Appendix E table and figure. However, the additional extrapolated low-level NDMA iso-concentration contour included on the Revised 2018 Fourth Quarter PMR groundwater contamination conceptual model figures is not appropriate and must not be included on the revised PMR Appendix E figure or any other NDMA groundwater contamination conceptual model figures (e.g., Figures 4.2 and 6.3). Ensure that all Appendix E inaccuracies identified in NMED's December 12, 2019 *Approval with Modifications Response to Disapproval NASA WSTF Periodic Monitoring Report Fourth Quarter 2018* are also addressed in the PMR revision. Ensure that all data and information provided in the PMR is accurate and complete. Correct the PMR accordingly and provide appropriate replacement pages.

The Permittee must provide replacement pages that address NMED's modification. In addition, a response letter that cross-references where the modification was addressed must be provided. The response letter must also be provided as an electronic copy. An electronic copy of the redline-strikeout version of the PMR and revised PMR must also be submitted to NMED no later than **January 31, 2020**.

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
December 12, 2019
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If you have any questions regarding this letter, please contact Gabriel Acevedo at (505) 476-6043.

Sincerely,

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

Dave Cobrain
Acting Chief
Hazardous Waste Bureau

cc: B. Wear, NMED HWB
G. Acevedo, NMED HWB
L. King, EPA Region 6 (6LCRRC)
M. Zigmond, NASA WSTF

File: NASA 2019 and Reading