



*State of New Mexico*  
**ENVIRONMENT DEPARTMENT**



***Hazardous Waste Bureau***

2905 Rodeo Park Drive East, Building 1  
Santa Fe, New Mexico 87505-6313  
Phone (505) 476-6000 Fax (505) 476-6030  
[www.env.nm.gov](http://www.env.nm.gov)

**SUSANA MARTINEZ**  
Governor

**JOHN A. SANCHEZ**  
Lieutenant Governor

**BUTCH TONGATE**  
Cabinet Secretary

**J. C. BORREGO**  
Deputy Secretary

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

November 27, 2017

Doug Hintze, Manager  
U.S. Department of Energy  
EM-Los Alamos Field Office  
LANL MS-M984  
P.O. Box 1663  
Los Alamos, NM 87545-1663

Bruce Robinson  
Program Director  
Environmental Remediation Associate  
Los Alamos National Laboratory  
P.O. Box 1663, MS M991  
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATION  
REMEDY COMPLETION REPORT FOR CORRECTIVE MEASURES  
IMPLEMENTATION AT CONSOLIDATED UNIT 16-021(c)-99  
EPA ID#NM0890010515  
HWB-LANL-17-056**

Dear Messrs. Hintze and Robinson:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security L.L.C.'s (LANS) (collectively, the Permittees) *Remedy Completion Report for Corrective Measures Implementation at Consolidated Unit 16-021(c)-99* (Report) dated September, 2017 and referenced by EP2017-0080. The referenced document was received on September 8, 2017. In accordance with Section XXIII of the 2016 *Compliance Order on Consent* (Consent Order), a pre-submittal meeting was held on June 29, 2017, where NMED and the Permittees resolved all pertinent issues concerning the Report, such as the proposed long-term monitoring and maintenance plan for Consolidated Unit 16-021(c)-99. NMED has reviewed the Permittees' Report and hereby issues this Approval with the following modification.

U1701741

**Modification:**

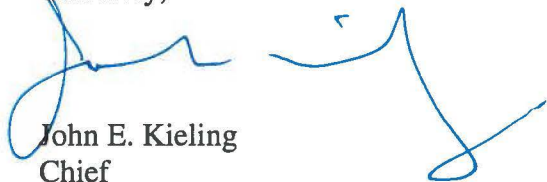
**1. Section 5.1.2, Annual Long-Term Monitoring and Maintenance Report, page 17:**

The Permittees have completed activities for the surface corrective measures implementation (CMI) at Consolidated Unit 16-021(c)-99. In the Report, the Permittees propose to submit an annual long-term monitoring and maintenance report (LTMMP) for the CMI on September 30, starting in calendar year 2018 and subsequent years' thereafter. NMED approves this proposal. In addition, the Permittees request to submit the LTMMP in lieu of the required annual CME/CMI progress report for Consolidated Unit 16-021(c)-99. The requirement to submit an annual CME/CMI progress report was detailed in NMED's approval with modifications (AWM) for the Permittees' "*Semiannual Progress Report for Corrective Measures Evaluation/Corrective Measures Implementation for Consolidated Unit 16-021-(c)-99*" dated February 15, 2016. NMED approves the removal of the surface CMI portion of the CME/CMI annual progress report.

However, the corrective measures evaluation (CME) activities are ongoing for characterization of deep-groundwater contamination beneath the Consolidated Unit 16-021(c)-99. In accordance with AWM, the Permittees must continue to provide an annual progress report for the deep-groundwater investigation CME by November 30 of each year. The annual progress report for the deep-groundwater investigation must contain descriptive highlights that emphasize all pertinent field activities and document submittals such as technical reports and well-completion reports.

If you have any questions regarding this correspondence, please contact Michael Dale of my staff at 505-476-3078.

Sincerely,



John E. Kieling  
Chief  
Hazardous Waste Bureau

cc: N. Dhawan, NMED HWB  
M. Dale, NMED HWB  
R. Murphy, NMED HWB  
D. Andersen, NMED HWB  
M. Hunter, NMED GWQB  
S. Lucas Kamat, NMED DOE OB  
S. Yanicak, NMED DOE OB, MS M894

U1701741

Messrs. Hintze and Robinson

November 27, 2017

Page 3

L. King, EPA 6MM-RC

C. Rodriguez, DOE-EM-LA, MS A216

J. Buckley, LANL, ADESH-EPC-CP, MS K490

K. Ellers, LANL, ADEM, MS M992

T. Goering, ADEM ER, MS M992

D. Katzman, ADEM ER, MS M992

S. Swickley, ADEM ER, NS M992

File: Reading and LANL 2017, Remedy Completion Report CMI 16-021(c)-99

U1701741