



SUSANA MARTINEZ
Governor

JOHN A. SANCHEZ
Lieutenant Governor

16
NEW MEXICO
ENVIRONMENT DEPARTMENT



Hazardous Waste Bureau

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DAVE MARTIN
Secretary

BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

February 7, 2012

George J. Rael, Assistant Manager
Environmental Projects Office
Los Alamos Site Office, DOE
3747 West Jemez Rd, MS A316
Los Alamos, NM 87544

Michael J. Graham
Associate Director, Environmental Programs
Los Alamos National Security, L.L.C.
P.O. Box 1663, MS M991
Los Alamos, NM 87545

**RE: APPROVAL WITH MODIFICATION
WORK PLAN FOR A TRACER TEST AT CONSOLIDATED UNIT 16-021(c)-99,
TECHNICAL AREA 16
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-12-005**

Dear Messrs. Rael and Graham:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy (DOE) and the Los Alamos National Security, L.L.C.'s (collectively, the Permittees) document entitled *Work Plan for a Tracer Test at Consolidated Unit 16-021(c)-99, Technical Area 16* (Plan) dated January 2012 and referenced by EP2012-0017.

NMED has reviewed the Plan and hereby issues this Approval with the following modifications.

1. The Permittees must complete the laboratory column testing of prospective tracer compounds, finalize the list of tracer compounds selected for deployment, and submit the results of laboratory column testing and the list of tracer compounds selected for deployment to NMED no later than **August 31, 2012**.
2. The Permittees must secure all necessary permits and deploy tracers no later than **October 15, 2012**. The Permittees must notify NMED at least fifteen (15) calendar days prior to tracer deployment.

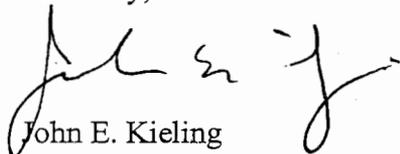


Messrs. Rael and Graham
February 7, 2012
Page 2

3. The Permittees must include all tracer monitoring data in periodic monitoring reports for the TA-16 260 Outfall Monitoring Group.

Should you have any questions, please contact Jerzy Kulis of my staff at (505) 476-6039.

Sincerely,



John E. Kieling
Acting Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
M. Dale, NMED HWB
J. Kulis, NMED HWB
T. Skibitski, NMED DOE OB
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