



Environmental Protection Division
Water Quality & RCRA Group (ENV-RCRA)
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-0666

National Nuclear Security Administrations
Los Alamos Site Office, A316
3747 West Jemez Road
Los Alamos, New Mexico 87545
(505) 667-5794/FAX (505) 667-5948

Date: **DEC 06 2012**
Refer To: ENV-RCRA-12-0262
LAUR: 12-26245

Mr. John E. Kieling, Program Manager
Permits Management Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Dear Mr. Kieling:

**SUBJECT: UTILITIES FIGURE, TA-63 TRANSURANIC WASTE FACILITY PERMIT
MODIFICATION REQUEST, LOS ALAMOS NATIONAL LABORATORY,
EPA ID #NM 0890010515**

The purpose of this letter is to transmit the attached figure illustrating utility systems at the proposed Transuranic Waste Facility (TWF) site. This figure was requested by New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) representatives at a meeting with the U.S Department of Energy/National Nuclear Security Agency and Los Alamos National Security, LLC (Permittees) on September 26, 2012.

The figure includes the locations of underground electrical, gas, and water utilities for the TWF and the surrounding area. These locations represent utilities that will be in place when the facility becomes operational. A signed certification as required by 40 CFR §270.11(b) is also enclosed.

This letter also serves as a formal opportunity to request that the NMED-HWB meet with the Permittees regarding this monitoring program to ensure that the Permittees are addressing NMED's concerns. The meeting will help clarify the purpose for the monitoring in terms of worker safety or other requirements and address technical issues such as setting potential constituent concentration thresholds and establishing how data would be used to evaluate current conditions or trending values for the site. Discussion of these issues could also assist in the development of data quality objectives for the monitoring.

If you have comments or questions regarding this permit modification, please contact Gene Turner at (505) 667-5794 or Mark Haagenstad, at (505) 665-2014.

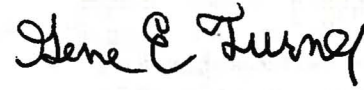
Sincerely,



Michael T. Saladen

Michael T. Saladen
Group Leader, (Acting)
Water Quality & RCRA Group (ENV-RCRA)
Los Alamos National Security, LLC

Sincerely,



Gene E. Turner

Gene E. Turner
Environmental Permitting Manager
Environmental Projects Office
Los Alamos Site Office
U.S. Department of Energy

MTS:GET:GB/lm

Enclosures:

- (1) TA-63 Transuranic Waste Facility Soil Vapor Monitoring Network
- (2) Signed Certification

Cy: Laurie King, USEPA/Region 6, Dallas, TX, w/enc.
Tim Hall, NMED/HWB, Albuquerque, NM, w/enc.
Kevin W. Smith, LASO-OOM, w/o enc., A316
Peter Maggiore, LASO-NSM, w/o enc., (E-File)
Gene E. Turner, LASO-EPO, w/o enc., (E-File)
Carl A. Beard, PADOPS, w/o enc., A102
Michael T. Brandt, ADESH, w/o enc., (E-File)
Jeffrey D. Mousseau, ADEP, w/o enc., (E-File)
Alison M. Dorries, ENV-DO, w/o enc., (E-File)
John Isaacson, ENV-DO, w/o enc., (E-File)
Gregory B. Juerling, MOF-PM2, w/o enc., (E-File)
Mark P. Haagenstad, ENV-RCRA, w/o enc., (E-File)
Gian A. Bacigalupa, ENV-RCRA, w/enc., K404
Susan L. McMichael, LC-ESH, w/o enc., (E-File)
IRM-RMMSO, w/enc., (E-File)
ENV-RCRA Correspondence File, K490

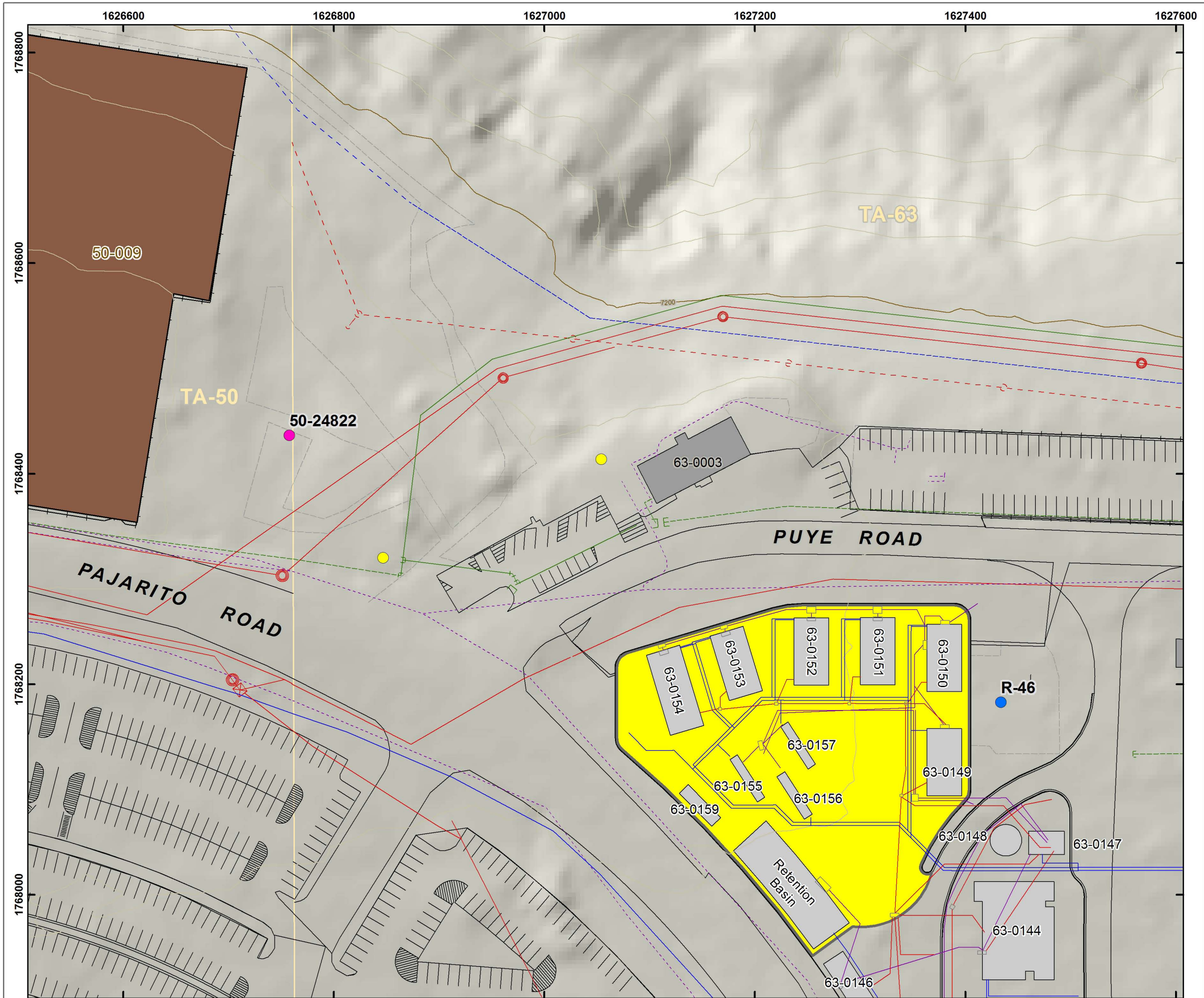
ENCLOSURE 1

TA-63 Transuranic Waste Facility Soil Vapor Monitoring Network

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Date: DEC 06 2012



TA-63 Transuranic Waste Facility Soil Vapor Monitoring Network

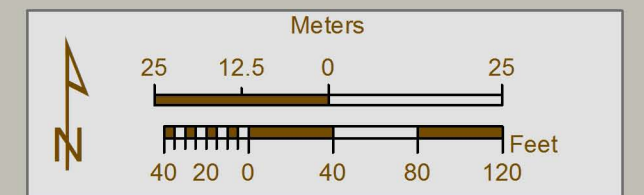
LA-UR-12-26245

1. Easement for underground utilities: In all cases, a minimum of 10 feet is specified by LANL Conduct of Engineering.
2. Location of proposed vapor monitoring wells: Field verification is required to conform with Note 1.
3. Abandoned utility lines to be removed.

Legend

Utilities

- Abandoned Gas line
- Abandoned Telephone line
- Abandoned Overhead electric line
- Abandoned Liquid line
- Abandoned Underground electric line
- Gas line
- Telephone line
- Underground electric line
- Water line
- Existing Vapor Monitoring Well
- Regional Ground Water Monitoring Well
- Proposed Vapor Monitoring Well
- Contours, 100 ft
- Contours, 20 ft
- Roads, dirt
- Fences
- Solid Waste Management Unit
- Buildings/Structures
- TWF Permitted Unit
- Technical Area boundary

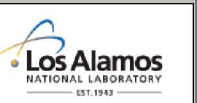


New Mexico State Plane Coordinate System,
Central Zone, Units in Feet.
North American Datum 1983. NGVD 1929

Reference Grid interval equals 200 ft

DISCLAIMER: This map was created for work processes associated with LANL TA-63 TWF Permit Modification Request. All other uses for this map should be confirmed with LANL staff.

Map Produced by: WES-EDA-GIS Team, Kathryn Bennett, Date: 03 August, 2011 Map Reference Number: 11-0055-21_TA63_SWMU_disdir_sm.mxd Revised by Winters Red Star Map Reference#: 12-0026-20



ENCLOSURE 2

Signed Certification

ENV-RCRA-12-0262

LA-UR-12-26245

Date: DEC 06 2012

CERTIFICATION

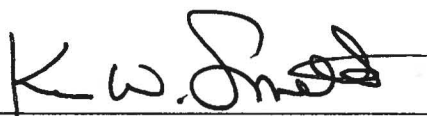
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Alison M. Dorries

Division Director
Environmental Protection Division
Los Alamos National Laboratory
Operator

11/30/12
Date Signed



Kevin W. Smith

Manager, Los Alamos Site Office
National Nuclear Security Administration
U.S. Department of Energy
Owner/Operator

12/6/2012
Date Signed



COPY



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