

University of California
 Environmental Science and Waste Technology (E)
 Environmental Restoration, MS M992
 Los Alamos, New Mexico 87545
 505-667-0808/FAX 505-665-4747



U.S. Department of Energy
 Los Alamos Area Office, MS A316
 Environmental Restoration Program
 Los Alamos, New Mexico 87544
 505-667-7203/FAX 505-665-4504



Date: August 17, 2000
 Refer to: ER2000-0436



Mr. John Kieling
 NMED-HWB
 P.O. Box 26110
 Santa Fe, NM 87502

**SUBJECT: NOTIFICATION FOR A NEWLY IDENTIFIED SOLID WASTE
 MANAGEMENT UNIT (SWMU) AT TECHNICAL AREA (TA)-36**

Dear Mr. Kieling:

The purpose of this letter is to notify the Hazardous Waste Bureau (HWB) of a newly identified SWMU at Los Alamos National Laboratory's TA-36. This notification is being submitted in accordance with Module VIII of the Laboratory's Hazardous Waste Facility Permit, Section G.

As identified in the enclosure, the new SWMU is a 1 to 2 acre surface disposal area located near building TA-36-1. The site is known to consist of laboratory glassware, metal cans, glass bottles, metal pipe, miscellaneous metal pieces, and other debris that have been discarded on the hill slope behind TA-36-1. The surface disposal of debris became apparent when the surrounding vegetation was burned during the Cerro Grande fire. Approximately 5 cubic yards of debris from the hill slope was collected, segregated and staged for disposal as part of emergency response efforts associated with the fire and before vegetation could be re-established. Storm-water best management practices were also installed. The site has been given the unique SWMU number 36-008.

Nature and extent of contamination, if any, resulting from the surface disposal is proposed to be investigated as part of the integrated sampling and analysis plan for all potential release sites at TA-36 in fiscal year 06 and 07, as identified in the current Environmental Restoration Project Baseline.

If you have any questions, please contact Dave McInroy at (505) 667-0819 or Joe Mose at (505)667-5808.

Sincerely,

Julie A. Canepa, Program Manager
 Los Alamos National Laboratory
 Environmental Restoration

Sincerely,

Theodore J. Taylor, Program Manager
 Department of Energy
 Los Alamos Area Office

Hswnr canl 2/11/30/3c

TV



Mr. John Kieling
ER2000-0436

-2-

August 17, 2000

JC/TT/HW/ev

Cy: M. Buksa, E/ET, MS M992
J. Canepa, E/ER, MS M992
D. McInroy, E/ER, MS M992
J. Mose, LAAO, MS A316
W. Neff, E/ET, MS M992
D. Neleigh, US EPA (2 copies)
P. Pellette, FMU-74, NIS-18, MS J562
T. Taylor, LAAO, MS A316
J. Davis, NMED-SWQB
E/ER File, MS M992
RPF, MS M707

Potential Release Site Assessment Report

Incomplete forms will be returned to the operational FAPL

Part I. Potential ER Site (Operational FAPL completes)

Date discovered: 21-Jun-00

Technical Area where potential release site located TA-36

Engineering structure number: _____ Location of nearest structure: Building 36-001

Description of structures and area (e.g., size of drums, surface area, depth): This site consists of a surface disposal area on the hillside below Building 36-001. The site is in close proximity to the photo-processing outfall area of concern, C-36-003. The site extends below the building over the steeply sloping edge of Threemile Canyon, which eventually joins Pajarito Canyon. The site contains laboratory glassware and other debris, now visible following the Cerro Grande Fire. It is estimated that the site is approximately 1 -2 acres. Other supporting information (e.g., indicate historical records referenced, including photographs, personnel to contact, and phone numbers). Identify where information exists: The most recent information for this site exists in the RFI Report for PRSs 36-003(a), 36-003(b), 36-005, and C-36-003, dated 9-28-95. Information also exists in the RFI Work Plan for OU 1130.

The contact for this site is John McCann, Firing Sites Team Leader, 505-665-1091.

Was the unit/area that is described above active before November 1988? Yes No Uncertain
State period of operation: from: 01-Jan-50 to: January 1959

Does the site intersect on private property? Yes No Uncertain (describe):

What type of unit or area is the PRS? (Circle one or more options from the list on the following page.)

Are solid wastes known to exist at site? Yes No Unknown

If yes, indicate the waste types by circling one or more of the options provided below:

hazardous high explosive mixed PCBs radioactive sanitary solid unknown

petroleum product (identify): _____

List suspected constituent(s), if known: Specific constituents not known at this time. Laboratory glassware and miscellaneous debris is known to exist.

Was there a routine or systematic release? Yes No Unknown

Was this only a one-time release? Yes No Unknown

Is the unit or area used for product storage? Yes No If yes, name the product(s) below:

Based on **all information provided** on this form, the ER PRS is a SWMU AOC.

Operational FAPL Signature: 

Date: 8-4-00

Forward to the Regulatory Compliance FAPL to determine if the site was previously reported.

QP-5.8

Los Alamos
Environmental Restoration Project

Potential Release Site Assessment Report (concluded)

Part II. PRS Reporting Status (Regulatory Compliance FAPL completes)

Was the PRS previously reported (i.e., listed in a SWMU Report or the PRS database)?

Yes No Uncertain

If yes: PRS Number: _____ No action required*

Regulatory Compliance FAPL Signature: [Signature] Date: 8/4/00

Part III. Independent Verification (Regulatory Compliance FAPL completes)

Is a site visit needed? Yes No

Date site visited: MAY 22, 2000

Visited by: DAVID MCINROY 667-0819 ESH-S Rep.
(print name) (phone number) (print name) (phone number)

(print name) (phone number) (print name) (phone number)

Site monitored? Yes No If yes, attach signed screening documentation.

Nonconcurrency, no further action required (state reason):

Confirmed discovery SWMU AOC

Confirmed with modifications to Part I:

State action required (e.g., coordinate w/C&O Team) and reason for action:

- 15 day notification required to NMED (John Kieling) by 8/19/00.
- Site Stabilization required, possibly interim action removing debris.
- SAP should be developed w/NMED.

Regulatory Compliance FAPL Signature: [Signature] Date: 8/4/00

Part IV. Unique Identifier (PRS Database Manager completes)**

SWMU number assigned: _____ Associated FU: _____ Associated OU: _____

* Send report to the originator and RPF.

** Regulatory Compliance FAPL forwards this form and all appropriate supporting documentation to RPF and the operational FAPL. (This completed form may be used as an attachment to DOE/NMED notification letter.)

QP-5.8

Los Alamos
Environmental Restoration Project

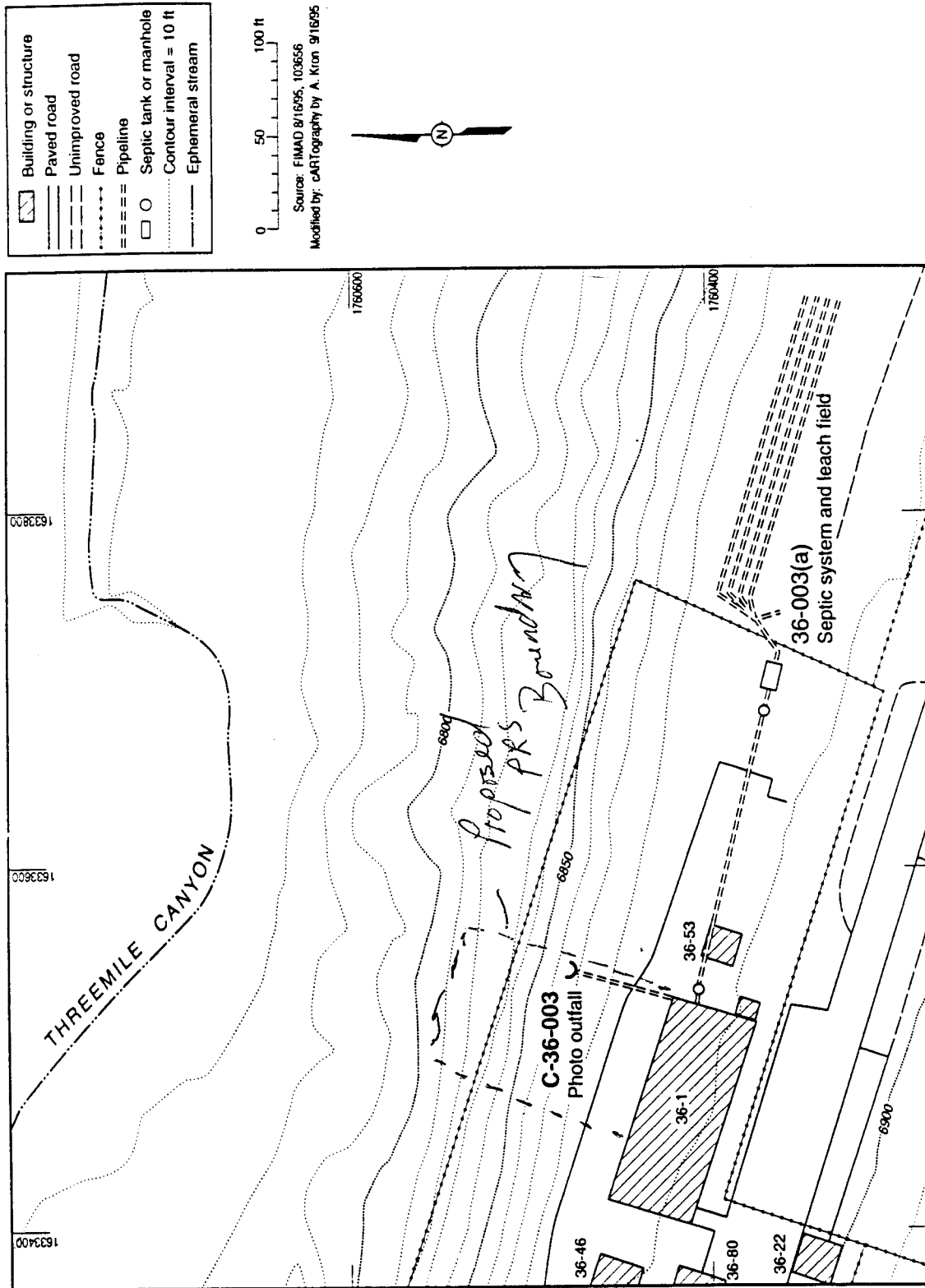


Figure 1-6. Location of TA-36-1 and PRS C-36-003, the photo outfall

Potential Release Site Assessment Report (continued)

List of PRS Types

aboveground tank	accumulation	bermed area
boneyard	burn site	calibration chamber
caisson	cement plant	chamber
containment area	compressed-gas storage	decontamination facility
drop tower	dry well	evaporator
filter system	firing site	glass breaker
incinerator	injection well	lagoon
landfill	laundry	leach field
manhole*	material disposal area	mortar impact area
off-gas system	open burning	open detonation area
other disposal area: <u>SURFACE DISPOSAL AREA</u>		outfall
other disposal system: _____		pit
other structure: _____		recycling unit
resin bed	satellite storage area	septic system
shaft	silver recovery unit	subsurface contamination
storage area: _____		sump
surface disposal	surface impoundment	treatment facility
underground tank	volume-reduction facility	waste line system
wastewater treatment facility		

* Only if it is not part of an existing system that is already designated as a SWMU.