



Department of Energy  
Albuquerque Operations  
Los Alamos Area Office  
Los Alamos, New Mexico 87544

AUG 30 1985

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Peter Pache  
Hazardous Waste Section  
NM Environmental Improvement Division  
P. O. Box 968 - Crown Building  
Santa Fe, New Mexico 87504-0968

Dear Mr. Pache:

Re: COMPLIANCE ORDER/SCHEDULE - Docket Number 001007

This letter informs you of new information pertaining to Los Alamos National Laboratory's progress with regard to the Compliance Order/Schedule, specifically Paragraph 25, issued under authority of New Mexico's Hazardous Waste Act (NMHWA).

Subsequent to our August 21, 1985 letter, the locations of three test holes at Area L have changed, as indicated in Figure 1. The test hole for pressure testing with water was relocated further east of Area L to prevent possible addition of water into Area L. In addition, the two test holes near the surface impoundment, Pit C, were relocated for safety due to overhead power lines.

The Department of Energy would like to take this opportunity to invite you and/or staff to observe installation of downhole instruments and on-going testing at Areas L and G. The preferred dates for the tour are September 9 through 17, 1985.

Please contact Avedon Gallegos of my staff at (COM) 667-5288 if you have any questions and/or to make arrangements for a tour.

Sincerely,

  
Harold E. Valencia  
Area Manager

Enclosure

cc: J. Aragon, HSE-DO, LANL, MS P228  
T. Gunderson (HSE8-85-1016.1), LANL, MS K490  
A. Drypolcher, HSE-8, LANL, M.S. K490  
M. Devaurs, HSE-8, LANL, MS K490

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SEP 4 1985

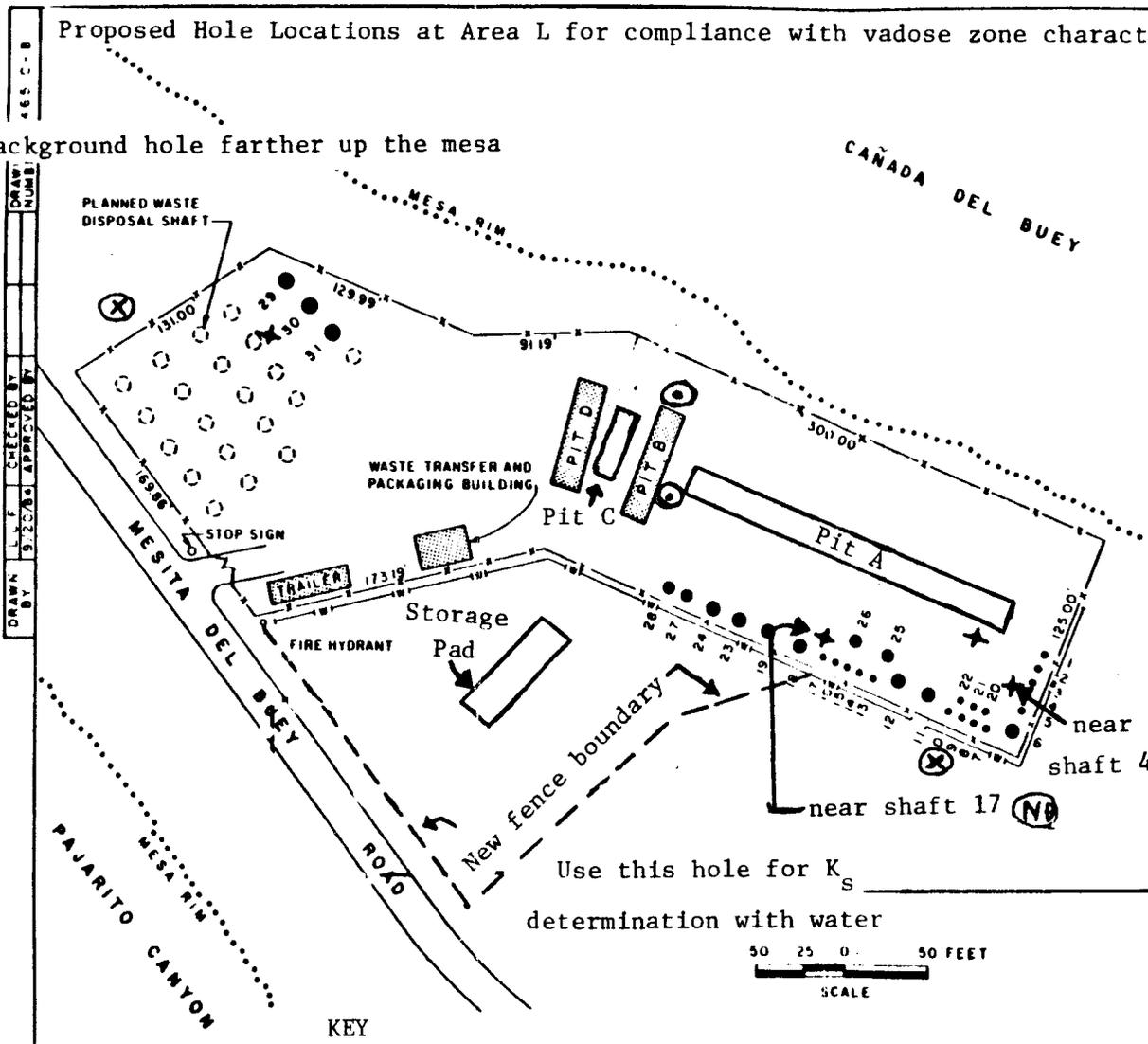
HAZARDOUS WASTE SECTION



16442

Proposed Hole Locations at Area L for compliance with vadose zone characterization tasks in EID Compliance Order

Background hole farther up the mesa



AREA L SHAFTS <sup>(1)</sup>				
SHAFT NO.	SHAFT DIAMETER (FEET)	DATE DRILLED	DATE CAPPED	CONTENTS
1	3	1/80	9/85	ORGANICS <sup>(2)</sup>
2	3	2/75	7/79	ACIDS & BASES
3	3	2/75	11/78	INORGANIC
4	3	2/75	5/80	ORGANIC
5	3	2/75	6/77	WASTE OIL
6	3	6/75	6/79	REACTIVE
7	3	6/75	6/79	REACTIVE
8	3	6/75	6/79	REACTIVE
9	3	6/75	6/79	GAS CYLINDERS
10	3	6/77	6/79	WASTE OIL
11	3	6/78	7/79	WASTE OIL/SOLVENT
12	3	1/78	7/79	WASTE OIL/SOLVENT
13	3	6/79	5/82	INORGANIC
14	3	6/79	5/82	REACTIVE
15	3	6/79	5/82	REACTIVE
16	3	6/79	5/82	GAS CYLINDERS
17	3	6/79	5/82	ORGANIC
18	3	6/79	6/80	WASTE OIL
19	3	4/80	5/82	WASTE OIL
20	3	4/80	9/83	INORGANIC
21	3	4/80	OPEN	GAS CYLINDERS
22	3	4/80	2/84	ORGANIC
23 <sup>(3)</sup>	3	4/82	2/84	WASTE OIL
24 <sup>(4)</sup>	3	4/82	4/84	ORGANIC & WASTE OIL
25	6	9/82	OPEN	INORGANIC
26	6	3/82	3/84	ORGANIC
27	4	1/82	OPEN	SPECIAL <sup>(5)</sup>
28	4	1/82	OPEN	SPECIAL
29	6	12/83	6/84	ORGANIC
30	6	12/85	OPEN	ORGANIC
31	6	12/85	OPEN	EMPTY

- NOTES:
- (1) ALL SHAFTS ARE APPROXIMATELY 60 FEET DEEP.
  - (2) SHAFT ONE CONTAINS WASTES NOT IN DRUMS.
  - (3) PRIOR TO SHAFT 25, LIQUIDS WERE DISPOSED OF IN DRUMS WITHOUT ADDING ADSORBENTS.
  - (4) MIDDLE SECTION OF THIS SHAFT NOT USED.
  - (5) USED FOR MISCELLANEOUS WASTE REQUIRING SPECIAL ISOLATION.

**DRAFT**

(Not to scale) FIGURE 2-B  
Between areas L and G

TA-54 AREA L  
WASTE MANAGEMENT FACILITIES  
PREPARED FOR  
LOS ALAMOS NATIONAL LABORATORY  
LOS ALAMOS, NEW MEXICO  
IT CORPORATION

- (3) 3-125 foot deep holes for determination of intrinsic permeability, moisture characteristic curve and unsaturated hydraulic conductivity
- (NP) 2 neutron moisture probe holes--100 foot pair of neutron probe/soil psychrometer holes
- ★ 5-100 foot deep holes for core and pore gas analyses (4 near L; one background hole)
- 2-100 foot holes near surface impoundment (LANL)

Figure 1