Environmental Protection Division
Environmental Compliance Programs (ENV-CP)
PO Box 1663, K490
Los Alamos, New Mexico 87545
(505) 667-0666

National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87545
(505) 667-5794/Fax (505) 667-5948

Date: NOV 19 2014
Symbol: ENV-DO-14-0356
LAUR: 14-28777
Locates Action No.: Not Applicable

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

Dear Mr. Kieling:

Subject: Transmittal of Updated Diagram of Standard Waste Boxes Located at Technical Area 54, Dome 375

The purpose of this letter is to transmit an updated diagram requested by the New Mexico Environment Department (NMED) and originally submitted on October 27, 2014. As specified in the letter from the Los Alamos National Security, LLC (LANS) and the U.S. Department of Energy (DOE), the Permittees, the diagram was undergoing revision at the time of transmittal.

The diagram included as Enclosure 1 to this letter illustrates the locations for each of the standard waste boxes (SWBs) within the Permacon at Technical Area 54, Dome 375 (TA-54-375). This diagram is a revised version of the diagram included in the procedure EP-AREAG-PLAN-1248, R.0 *TA-54 Area G Nitrate-Salt Waste Container Response Instructions*, which was included as Attachment 6 of the *Los Alamos National Laboratory (LANL) Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 2* submitted to the NMED on September 19, 2014. The procedure is undergoing revision and final version of the procedure will also be provided to the NMED.

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

Sincerely,

Alison M. Dorries
Division Leader
Environmental Protection Division
Los Alamos National Security LLC

Sincerely,

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

AMD:GET:MPH:LVH/kt

Enclosures: (1) TA-54-375 SWB Storage Layout Plan

Cy: Ryan Flynn, NMED, Santa Fe, NM, (E-File)
Tom Blaine, NMED, Santa Fe, NM, (E-File)
Steve Pullen, NMED/HWB, Santa Fe, NM, (E-File)
Timothy Hall, NMED/HWB, Santa Fe, NM, (E-File)
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Peter Maggiore, NA-LA, (E-File)
Lisa Cummings, NA-LA, (E-File)
Gene E. Turner, NA-LA, (E-File)
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Carl A. Beard, PADOPS, (E-File to aosburn@lanl.gov)
Michael T. Brandt, ADESH, (E-File)
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NOV 20 2014
NMED
PETROLEUM STORAGE TANK BUREAU

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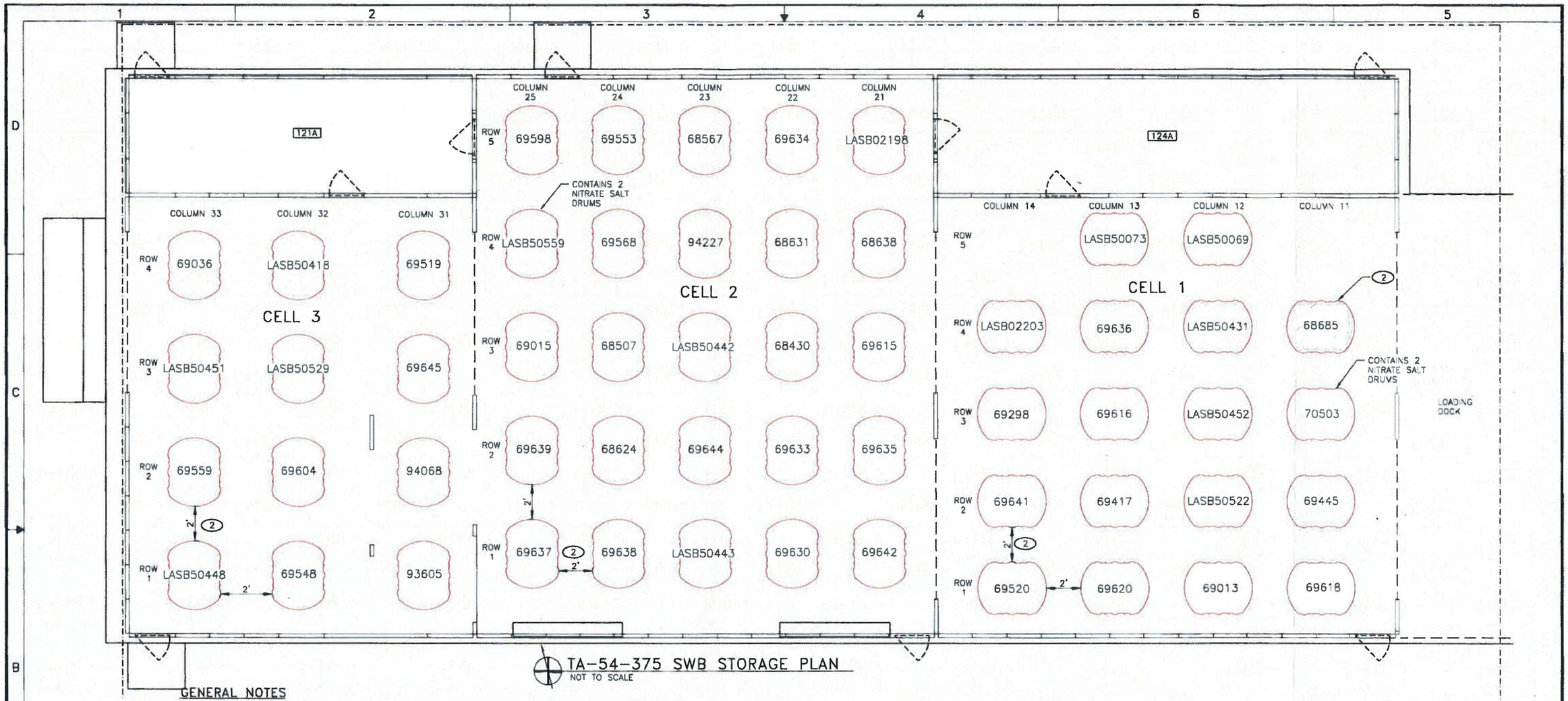
ENCLOSURE 1

TA-54-375 SWB Storage Layout Plan

ENV-DO-14-0356

LA-UR-14-28777

Date: NOV 19 2014



TA-54-375 SWB STORAGE PLAN
NOT TO SCALE

GENERAL NOTES

1. THIS STORAGE PLAN DEPICTS THE LOCATION OF 55 STANDARD WASTE BOXES (SWB) STORED IN 375 PERMACON. THE NUMBER ON EACH SWB IS A CONTAINER ID.
2. FIVE DIGIT CONTAINER NUMBERS BEGIN WITH THE PREFIX LA000000 WHICH HAS BEEN ELIMINATED HERE FOR BREVITY.

KEYED NOTES

(1) DRUM 68685 HAS THE SAME PARENT AS DRUM 68660.

(2) THE MINIMUM DISTANCE BETWEEN SWBs IS APPROXIMATELY 2 FEET.

LEGEND

CONTAINS DRUM 68685 WHICH HAS THE SAME PARENT AS DRUM 68660.

SWB PECI TABLE – CELL 3

CONTAINER ID	ROW	COLUMN	PECI
69036	4	33	10.31
LASB50418	4	32	28.62
69519	4	31	17.19
LASB50451	3	33	9.78
LASB50529	3	32	10.21
69645	3	31	16.09
69559	2	33	14.03
69604	2	32	11.57
94068	2	31	28.99
LASB50448	1	33	33.94
69548	1	32	0.94
93605	1	31	14.78

SWB PECI TABLE – CELL 2

CONTAINER ID	ROW	COLUMN	PECI
69598	5	25	2.04
69553	5	24	12.47
68567	5	23	1.31
69634	5	22	10.96
LASB02198	5	21	23.94
LASB50559	4	25	11.98
69568	4	24	4.52
94227	4	23	1.30
68831	4	22	1.52
68638	4	21	0.41
69015	3	25	3.01
68507	3	24	4.77
LASB50442	3	23	16.73
68430	3	22	11.23
69615	3	21	13.30
69639	2	25	4.42
68824	2	24	0.95
69644	2	23	9.32
69633	2	22	20.18
69635	2	21	4.38
69637	1	25	6.69
69838	1	24	8.11
LASB50443	1	23	34.80
69630	1	22	20.43
69642	1	21	4.91

SWB PECI TABLE – CELL 1

CONTAINER ID	ROW	COLUMN	PECI
LASB50073	5	13	42.56
LASB50069	5	12	51.80
LASB02203	4	14	22.07
69636	4	13	15.07
LASB50431	4	12	61.58
68685	4	11	8.54
69298	3	14	23.18
69616	3	13	9.75
LASB50452	3	12	37.84
70503	3	11	2.17
69641	2	14	9.11
69417	2	13	0.009
LASB50522	2	12	42.60
69445	2	11	5.15
69520	1	14	5.09
69620	1	13	20.42
69013	1	12	0.87
69618	1	11	4.13

NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
1	11-06-14	U	CS	REVISED SWB LA000000070503 AND KEYED NOTES; REMOVED KEYED NOTE #3, ADDED LEGEND.	TC	RG	VR	JVH	RA

ENGINEERING SERVICES

TA-54-375 AS FOUND DRAWING, SWB STORAGE

SWB STORAGE LAYOUT PLAN

DRAWN T. LAWRENCE
DESIGN R. GRIFFIS
CHECKED L. MOORE
DATE 08-17-14

TA-54 BLDG 375

SUBMITTED DAR, CHRISTOPHER P LICHER

APPROVED FOR RELEASE J. VATOV-HUGHES FOR FOD, STEVE HENRY

Los Alamos NATIONAL LABORATORY
PO Box 1663
Los Alamos, New Mexico 87545

SHEET O-1001
1 OF 1

D.C.: U | REVIEWER: C. PILCHER | BASIS: NA | DATE 08-23-14

PROJECT ID	DRAWING NO	ESR NO.:	REV
NA	C-57018	NA	1

LA-UR-14-28777