

RECEIVED

03



DEC 22 2014



ENTERED

**ED  
Hazardous Waste Bureau**

*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*

**DEC 22 2014**

Date:

Symbol: ENV-DO-14-0379

LA-UR: 14-29365

Locates Action No.: N/A

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

**RECEIVED**

DEC 22 2014

Dear Mr. Kieling:

**NMED  
Hazardous Waste Bureau**

**Subject: Demolition Notification for Quarter Ending March 30, 2015**

The National Nuclear Security Administration (NNSA) and Los Alamos National Security, LLC (LANS), (collectively the Permittees) are submitting notice of demolition activities for quarter ending March 30, 2015 in accordance with Permit Section 1.17.2 of the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit) to the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB).

The enclosure "Demolition Notification- January 1, 2015 through March 30, 2015 List of Buildings and Attachment of Hazardous Materials Descriptions" (Enclosure 1) attached to this letter satisfy the reporting requirements as outlined in Section 1.17 .1 of the Permit. The requirement at 1.17 .1 (7) of the Permit is not relevant at this time, as this notification is not identifying buildings or fixed structures previously identified and not demolished.

The Permittees understand that investigations may not be complete at Solid Waste Management Units/Areas of Concern (SWMUs/AOCs) located within 50 feet of the buildings proposed for demolition. The Permittees will ensure that the sampling locations and depths proposed in the approved work plans for the SWMUs/AOCs identified are not affected by the demolition activities. In the case of adverse impacts on the SWMUs/AOCs identified in this notification, demolition activities will be documented so that the impacts are identified and evaluated. Accordingly, if a demolition report is prepared for buildings that the Department has identified in writing, the Permittees will provide a copy of the demolition report to the NMED-HWB within 30 days after the report is completed in accordance with Section 1.17.3 of the Permit.



Mr. John E. Kieling  
ENV-DO-14-0379

- 2 -

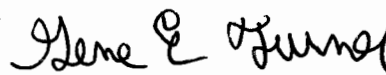
If you have questions or comments concerning this submittal, please contact Gene E. Turner of the Department of Energy (DOE) at (505) 667-5794 or Mark P. Haagenstad (LANS) at (505) 665-2014.

Sincerely,



Anthony R. Grieggs  
Group Leader  
Environmental Compliance Programs  
Los Alamos National Security LLC

Sincerely,



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

ARG:GET:MPH:MAL/lm

Enclosures: (1) Demolition Notification for Fiscal Year 2015 and Quarter Ending December 31, 2014 and List of Buildings and Attachment of Hazardous Materials Descriptions

Cy: Laurie King, USEP A/Region 6, Dallas TX, (E-File)  
Pete Maggiore, NA-LA, (E-File)  
Gene E. Turner, NA-LA, (E-File)  
Kirsten Laskey, NA-LA, (E-File)  
Michael A. Lansing, PADOPS, (E-File)  
Amy E. De Palma, PADOPS, (E-File)  
Michael T. Brandt, ADESH, (E-File)  
Raeanna Sharp-Geiger, ADESH, (E-File)  
Alison M. Dorries, ENV-DO, (E-File)  
Stephanie Archuleta, DSESH-DO, (E-File)  
Mark Haagenstad, ENV-CP, (E-File)  
Catherine Juarez, ENV-CP, (E-File)  
Michael A. Leslie, ENV-CP, (E-File)  
Jim Jones, ADMP, (E-File)  
Ken Schlindwein, OI-PO, (E-File)  
Denise Liechty, OI-PO, (E-File)  
Ian Albright, PM8, (E-File)  
[lasomailbox@nnsa.doe.gov](mailto:lasomailbox@nnsa.doe.gov), (E-File)  
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[env-correspondence@lanl.gov](mailto:env-correspondence@lanl.gov), (E-File)

**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.

*A R Grieggs*

**Anthony R. Grieggs**  
Group Leader  
Environmental Compliance Group  
Environmental Protection Division  
Los Alamos National Laboratory

*12/16/14*

Date Signed

*Gene E Turner*

**Gene E. Turner**  
Los Alamos Field Office  
National Nuclear Security Administration  
U.S. Department of Energy  
Owner/Operator

*12/18/14*

Date Signed

# **ENCLOSURE 1**

Demolition Notification-  
January 1, 2015 through March 30, 2015 and  
List of Buildings and Attachment of Hazardous Materials  
Descriptions

ENV-DO-14-0379

LA-UR-14-29365

Date: DEC 22 2014

Demolition Notification – January 1, 2015 through March 31, 2015 List of Buildings and Attachment of Hazardous Material Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMUs)/ Areas of Concern (AOCs) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))
03-0067	Guard Station	1959-2014	03-045(h) (LA-UR-10-2046, LA-UR-13-26024)	Asbestos	Quarter ending March 30, 2015
03-0456	Transportable	1983-Current	None	Asbestos	Quarter ending March 30, 2015
03-1614	Guard Station	1985-2014	03-050(a) (LA-UR-10-0385)	None	Quarter ending March 30, 2015
03-1615	Guard Station	1985-2014	03-050(d) (LA-UR-10-0385)	None	Quarter ending March 30, 2015
03-1814	Guard Tower	1985-2014	03-051(a) (LA-UR-10-0385)	None	Quarter ending March 30, 2015
15-0233	Carpenter Shop	1963-2010	15-009(i) (LA-UR-06-4961), C-15-001 (LA-UR-06-4961)	Asbestos	Quarter ending March 30, 2015
16-0201	Guard Station	1953-2014	None	Asbestos	Quarter ending March 30, 2015
16-0542	Z Regulator Gas Building C106417	1952-Current	16-001(a) (LA-UR-06-4961), 16-001(b) (LA-UR-06-4961), 16-001(c) (LA-UR-06-4961)	None	Quarter ending March 30, 2015
18-0168	Criticality Experiments	1970-2011	18-003(a) (LA-UR-10-7635), 18-003(b) (LA-UR-10-7635), 18-006 (LA-UR-10-7635)	Rad, Asbestos	Quarter ending March 30, 2015
33-0290	Generator Building	2006-Current	None	TPH	Quarter ending March 30, 2015
33-0360	Guard Station	2010-2014	33-017 (LA-UR-09-7402), C-33-003 (LA-UR-09-7402)	None	Quarter ending March 30, 2015
35-0257	Guard Station	1985-2014	None	None	Quarter ending March 30, 2015
39-0002	Laboratory Office Building	1953-2014	39-002(a) (LA-UR-10-0125), 39-003 (LA-UR-07-5948), C-00-018 (LA-UR-11-1234)	Radiation, Asbestos	Quarter ending March 30, 2015
39-0010	Hose House	1953-2014	C-00-018 (LA-UR-11-1234)	Asbestos	Quarter ending March 30, 2015
39-0183	Guard Station	1970-2014	C-00-018 (LA-UR-11-1234)	Asbestos	Quarter ending March 30, 2015
43-0036	Shed	Unknown-Current	43-001(a2) (LA-UR-06-2464), 43-001(b1) (LA-UR-94-1244), C-43-001 (LA-UR-10-0422)	None	Quarter ending March 30, 2015
46-0041	Chemistry Lab	1958-Current	46-003(a) (LA-UR-11-2487), 46-004(n) (LA-UR-93-1940), 46-006(b) (LA-UR-96-1957), 46-009(a) (LA-UR-11-2487), 46-010(d) (LA-UR-11-2487)	Rad, Asbestos	Quarter ending March 30, 2015
46-0420	Equipment Building	1993-2014	46-004(h) (LA-UR-11-2487) 46-003(e) (LA-UR-11-2487)	Asbestos	Quarter ending March 30, 2015
46-0458	Tank (Vacuum)	1996-Current	46-006(b) (LA-UR-11-2487)	Radiation-Historical Experiments	Quarter ending March 30, 2015

Demolition Notification – January 1, 2015 through March 31, 2015 List of Buildings and Attachment of Hazardous Material Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMUs)/ Areas of Concern (AOCs) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))
46-0548	Shed	2001-Current	46-003(a) (LA-UR-11-2487), 46-009(a) (LA-UR-11-2487), 46-010(d) (LA-UR-11-2487)	None	Quarter ending March 30, 2015
46-0549	Shed	2001-Current	46-003(a) (LA-UR-11-2487), 46-009(a) (LA-UR-11-2487), 46-010(d) (LA-UR-11-2487)	None	Quarter ending March 30, 2015
48-0002	Guard Station	1957-2013	48-001 (LA-UR-10-2046), 48-005 (LA-UR-10-2046)	Asbestos	Quarter ending March 30, 2015
48-0029	Transportable	1982-Current	48-001 (LA-UR-10-2046), 48-006 (LA-UR-92-0800)	Asbestos	Quarter ending March 30, 2015
48-0034	Transportable	1984-Current	48-006 (LA-UR-92-0800)	Asbestos	Quarter ending March 30, 2015
48-0129	Palm Reader Building	1990-Current	48-001 (LA-UR-10-2046)	None	Quarter ending March 30, 2015
48-0143	Marlex Booth	1977-Current	48-001 (LA-UR-10-2046), 48-005 (LA-UR-10-2046)	None	Quarter ending March 30, 2015
51-0066	MobileLab	1966-Current	None	Radiation	Quarter ending March 30, 2015
53-0385	Guard Station	1989-2014	None	None	Quarter ending March 30, 2015
53-0396	Transportable	1986-Current	None	Asbestos	Quarter ending March 30, 2015
53-0397	Transportable	1986-Current	None	Asbestos	Quarter ending March 30, 2015
53-0398	Transportable	1986-Current	None	Asbestos	Quarter ending March 30, 2015
53-0527	Trailer	1984-Current	None	None	Quarter ending March 30, 2015
53-0553	Storage Building	1985-Current	None	None	Quarter ending March 30, 2015
53-0576	Van Trailer	1988-Current	None	None	Quarter ending March 30, 2015
53-0621	Shed	1987-Current	53-002(b) (LA-UR-05-6373), 53-008 (LA-UR-05-6373)	Lead	Quarter ending March 30, 2015
53-0676	Guard Station	1990-2014	None	None	Quarter ending March 30, 2015
53-0758	Cryo Utility Building	1991-Current	None	None	Quarter ending March 30, 2015
54-1004	Storage Building	1968-Current	54-007(d) (LA-UR-01-5223)	Asbestos	Quarter ending March 30, 2015
54-1009	Chemistry Lab	1974-2011	54-007(e) (LA-UR-02-0635)	Rad, Asbestos	Quarter ending March 30, 2015
59-0183	Covered Walkway	2001-Current	None	None	Quarter ending March 30, 2015

Demolition Notification – January 1, 2015 through March 31, 2015 List of Buildings and Attachment of Hazardous Material Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMUs)/ Areas of Concern (AOCs) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))
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ACM= ACM Containing Material

PACM= Presumes ACM Containing Material

VOC= Volatile Organic Carbon

SVOC= Semi-Volatile Organic Carbon

TPH= Total Petroleum Hydrocarbon

RCRA= Resource Conservation and Recovery Act

PCB=Polychlorinated Biphenyls

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53-0621	Shed	1987-Current	53-002(b) (LA-UR-05-6373), 53-008 (LA-UR-05-6373)	Lead	Quarter ending March 30, 2015
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54-1009	Chemistry Lab	1974-2011	54-007(e) (LA-UR-02-0635)	Rad, Asbestos	Quarter ending March 30, 2015
59-0183	Covered Walkway	2001-Current	None	None	Quarter ending March 30, 2015

Demolition Notification – January 1, 2015 through March 31, 2015 List of Buildings and Attachment of Hazardous Material Descriptions

Technical Area (TA) and Building Number (1.17.1(1))	Current and Historic Uses (1.17.1(2))	Approximate Dates of Operation (1.17.1(3))	Solid Waste Management Units (SWMUs)/ Areas of Concern (AOCs) w/in 50 ft. of Footprint (1.17.1(4))	Category/ Hazardous Material That May Be Present (1.17.1(5))	Date/Quarter Demolition Expected to Begin (1.17.1(6))
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ACM= ACM Containing Material

PACM= Presumes ACM Containing Material

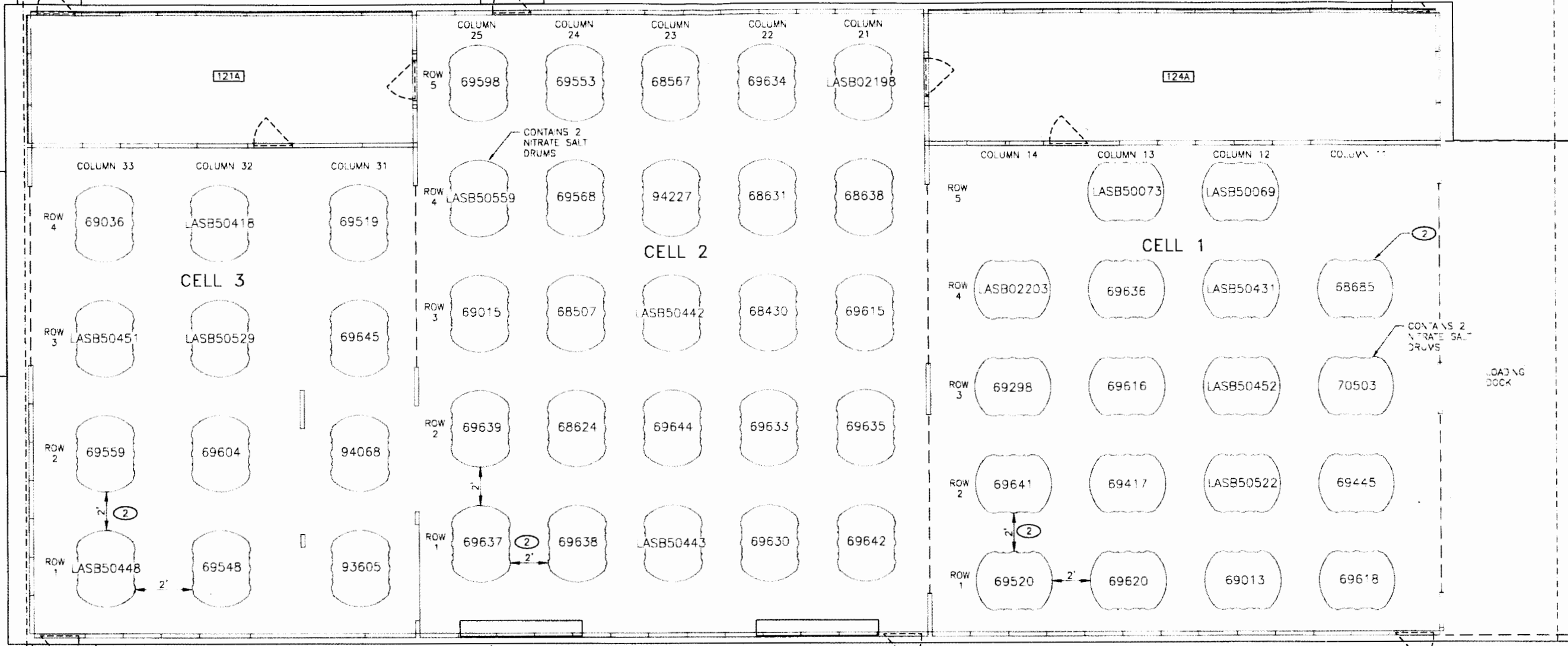
VOC= Volatile Organic Carbon

SVOC= Semi-Volatile Organic Carbon

TPH= Total Petroleum Hydrocarbon

RCRA= Resource Conservation and Recovery Act

PCB=Polychlorinated Biphenyls



TA-54-375 SWB STORAGE PLAN  
NOT TO SCALE

GENERAL NOTES

- 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.
- 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 PEI TABLE - CELL 3			
CONTAINER ID	ROW	COLUMN	PEI
69036	4	33	10.31
LASB50418	4	32	28.62
69519	4	31	17.19
LASB50451	3	33	4.78
LASB50529	3	32	11.57
69645	3	31	14.03
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	14.76

SWB PEI TABLE - CELL 2			
CONTAINER ID	ROW	COLUMN	PEI
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
68631	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
69639	2	23	9.32
69639	2	22	4.36
69639	2	21	4.36
69637	1	25	6.69
69638	1	24	8.11
LASB50443	1	23	34.80
69630	1	22	20.43
69642	1	21	4.91

SWB PEI TABLE - CELL 1			
CONTAINER ID	ROW	COLUMN	PEI
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	0.67
69618	1	11	4.13

LA-UR-14-28777

11-06-11

REVISED SWB LA00000070503 AND KEYED NOTES, REMOVED KEYED NOTE #3, ADDED LEGEND.

NO	DATE	CLASS	DC	DESCRPTION	OWN DESIGN CHECK SUB APP

**ENGINEERING SERVICES**

TA-54-375 AS FOUND DRAWING, SWB STORAGE

SWB STORAGE LAYOUT PLAN

Los Alamos NATIONAL LABORATORY

PO Box 1663, LOS ALAMOS, NEW MEXICO 87545

DRAWN: LAWRENCE  
DESIGN: R. ORFFS  
CHECKED: MCDRE

0-1001

D.C.: U  
PROJECT ID: NA  
DRAWING NO: C-57018  
ESR NO: NA  
DATE: 06-23-14  
REV: 1