

## **Attachment G-2**

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*Waste Profile Form and On-Site Waste Manifests  
(on CD included with this document)*



# LOS ALAMOS NATIONAL LABORATORY WASTE PROFILE SYSTEM

WPF #: 40300

23-Aug-2007 09:19 AM

(Version: 0)

p.1

Generator : <b>BOHN, ROY</b>	MS : <b>C349</b>	PH : <b>6655138</b>	Z#: <b>096379</b>
WMC : <b>BAKER, LARRY P.</b>	MS : <b>M327</b>	PH : <b>5056620690</b>	Z#: <b>115646</b>
Contact :			
RCRA Rev : <b>ELICIO ANDY U</b>	MS : <b>J599</b>	PH : <b>5056676956</b>	Z#: <b>118692</b>
Status : <b>ACTIVE</b>	Activation Date : <b>08/10/2007</b>	Expiration Date: <b>08/10/2008</b>	
Group : <b>ERSS-RS</b>	TA : <b>21</b>	Bldg : <b>000000</b>	Room : <b>N/A</b>

**You are required to keep a copy of the WPF(s) in your files for at least three years. This WPF(s) is valid for one year or as long as the composition of the waste you have characterized remains the same. Should your waste change, please submit a new WPF to Waste Acceptance Group.**

Waste Accumu : **Less-than-90-days Storage Area Site ID# 3644**

**ER Waste PRS# MDA-V**

Method of Char : **Chemical/Physical Analysis Number: RE21-07-606**

**Radiological Analysis Number: RE21-07-606**

**PCB Analysis Number: RE21-07-606**

Waste Type : **Process Waste/Spent Chemical/Other**

Waste Classes: **RCA Waste - Not RCA Waste**

**RAD Waste - Radioactive-LL**

Waste Category: **Inorganic**

**Organic**

**PCB < 50 ppm**

Waste Sources : **Remediation/Restoration**

Waste Matrix : **Solid**

Matrix Type : **Heterogeneous**

Process Desc :

ENVIRONMENTAL RESTORATION PROJECT AT TA-21 DPAA. REMOVED  
SOIL FOR EXCAVATION OF UNDER GROUND STRUCTURES AND PIPING AT  
MDA V.

Waste Desc : **OVERBURDEN SOIL, POLY SHEETING AND PPE.**

Ignitability : **Not ignitable**

Corrosivity : **Non-aqueous**

Reactivity : **Non-reactive**

Boiling Point : **Not applicable**

Toxicity Characteristic Metals:

Contaminant	Method	Limit	Min	Max	Unit
<b>ARSENIC</b>	<b>TOTA</b>		<b>0</b>	<b>2</b>	<b>PPM</b>
<b>BARIUM</b>	<b>TCLP</b>		<b>0</b>	<b>0.55</b>	<b>PPM</b>
<b>CADMIUM</b>	<b>TCLP</b>		<b>0</b>	<b>0.008</b>	<b>PPM</b>
<b>CHROMIUM</b>	<b>TOTA</b>		<b>0</b>	<b>9.8</b>	<b>PPM</b>
<b>LEAD</b>	<b>TOTA</b>		<b>0</b>	<b>16</b>	<b>PPM</b>
<b>MERCURY</b>	<b>TOTA</b>		<b>0</b>	<b>0.5</b>	<b>PPM</b>
<b>SELENIUM</b>	<b>TOTA</b>		<b>0</b>	<b>0.15</b>	<b>PPM</b>
<b>SILVER</b>	<b>TOTA</b>		<b>0</b>	<b>0.18</b>	<b>PPM</b>

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Toxicity Characteristic Organic Compounds: N/A

Additional Chemical Constituents and Contaminants:

CAS NO	Constituent	MIN	MAX	UOM
	SOIL	98	99	%
	POLY SHEETING	1	2	%
	PPE	0	2	%
	ALUMINUM	0	0.345	%
	BERYLLIUM	0	0.00004	%
	CALCIUM	0	0.117	%
	COBALT	0	0.00013	%
	COPPER	0	0.00068	%
	IRON	0	0.534	%
	MAGNESIUM	0	0.0661	%
	MANGANESE	0	0.0133	%
	NICKEL	0	0.00041	%
	POTASSIUM	0	0.0407	%
	SODIUM	0	0.0113	%
	ZINC	0	0.0061	%
	ANTIMONY	0	0.00003	%
	THALLIUM	0	0.0000083	%
	VANADIUM	0	0.00084	%
	ACENAPHTHENE	0	0.000016	%
	DI-N-BUTYLPHTHALATE	0	0.000006	%
	AROCOR-1254	0	0.00011	%
	AROCOR-1260	0	0.000021	%

Additional Information: THIS WASTE WILL BE LLW AND PROFILED FOR LANL DISPOSAL. WASTE FROM DPAA, MDA V. SAMPLE NUMBERS RE21-07-606. THIS WPF IS FOR THE DISPOSAL OF WASTE STREAM #6 (PLASTIC, PPE, SAMPLING WASTE) AND #7 (SOIL, ROCK, GRAVEL, AND SAND) ON WCSF DP SITE AGGREGATE AREA ER2006-0476 AND FINAL AMENDMENT 1 EP2006-1054. (SEE ATTACHMENT). THE PLASTIC LINER ASSOCIATED WITH THE ROLL-OFF DUMPSTER WILL BE PART OF THIS WASTE STREAM FOR PROFILING. SECTION 7- INSIDE A CONTROLLED AREA WITH LIMITED ACCESS TO THE STORAGE AREA.

## WASTE CHARACTERIZATION INFORMATION

Radioactivity Category : **RADIOACTIVE-LL**

RCRA Category : **NON HAZARDOUS**

Secondary Info : N/A

Waste Classification : **LOW-LEVEL WASTE**

Waste Acceptances :

EPA Hazardous Waste Code : N/A



# LOS ALAMOS NATIONAL LABORATORY WASTE PROFILE SYSTEM

WPF #: 40300

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(Version: 0)

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## GWCP Information

### Section 1 - Waste Prevention/Minimization (answer all questions)

Can hazard segregation, elimination, or material substitution be used?

☐ Yes\* ☒ No

Can any of the materials in the waste stream be recycled or reused

☐ Yes\* ☒ No

Has waste minimization been incorporated into procedures or other process controls?

☒ Yes ☐ No

Can this waste be generated outside a RCA?

☐ Yes\* ☐ No ☐ N/A

\*Provide Comment

### Section 6 - Work Control Documentation (answer all questions)

Do the procedures for this process cover how to manage this waste?

☒ Yes ☐ No (Provide comments)

Do the procedures for this process cover controls to prevent changes to waste constituents and concentrations or addition or removal of waste?

☒ Yes ☐ No (Provide comments)

### Section 7 - Package and Storage Control

Describe how the waste will be packaged in according to the applicable WAC:

WASTE IS PACKAGED IN DOT APPROVED 20 YARD ROLL-OFF DUMPSTER WITH A 6 MIL. PLASTIC SHEETING LINERS.

Identify the storage management controls that will be used for this waste stream: (check all that apply)

- ☐ Tamper indication devices:
- ☐ Limited use locks with log-in for waste
- ☐ Locked cabinet or building
- ☒ Other (describe)

### Section 8 - Waste Certification Statements (check only one)

☒ Waste appears to meet WAC chapter for:

LLW TA 54

☐ Waste needs exception/exemption for treatment, storage, or disposal at:

☐ Waste does not meet the criteria for any known TSDF, (DOE approval is required. Contact the Waste Management Program Office for assistance.)

Estimated Annual Volume (m3): 50



5342

WASTE MANIFEST

64209

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158		Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545	
Transporter 1 LANS, LLC for US DOE <i>mpe</i>		NM0890010515 DOT 441566	
Transporter 2			
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158			
HM DOT Shipping Description		Containers No Type	Total Unit Quantity Wt/V
X UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq		1 <del>OT</del> <del>18144</del> K <i>Pack 16193</i> <i>L/S</i> <i>11/8/07</i>	
TRACKING #:		HMTF #: <i>20070286</i>	MANIFEST: 64209
LINE 1 ERG#: 162;			

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

*Ron DeSota*

SIGNATURE

X *[Signature]*

DATE

*11/21/07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*Steve ETher...*

SIGNATURE

X *[Signature]*

DATE

*11/21/07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*Paul Gonzalez*

SIGNATURE

X *[Signature]*

DATE

*11-21-07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64209

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195343, 540 F

COPY

5585

WASTE MANIFEST

64206

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211				
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545				
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			NM0890010515 <i>DOT 441566</i>				
Transporter 2							
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158							
NM0890010515							
HM DOT Shipping Description		Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES	
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	<i>DOT</i> <i>Pack</i>	<del>18144</del> <i>16193</i> <i>49B</i> <i>11/10/07</i>	K		
TRACKING #:		HMTF #:		MANIFEST:		64206	
LINE 1 ERG#: 162;							

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PRINTED/TYPED NAME

*Paul DeSota*

SIGNATURE

X *[Signature]*

DATE

*11-20-07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*David Lockmanese*

SIGNATURE

X *[Signature]*

DATE

*11-20-07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*Paul Gonzalez*

SIGNATURE

X *[Signature]*

DATE

*11-20-07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64206

PAGE LINE CONTAINERS

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WASTE MANIFEST  
64208

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211																																																									
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545																																																									
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<table border="1"> <thead> <tr> <th>HM</th> <th>DOT</th> <th>Shipping Description</th> <th>Containers No</th> <th>Type</th> <th>Total Quantity</th> <th>Unit Wt/V</th> <th>WASTE CODES</th> </tr> </thead> <tbody> <tr> <td>X</td> <td></td> <td>UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq</td> <td>1</td> <td><del>OT</del> <i>Buk</i></td> <td><del>18144</del> <i>16193</i></td> <td>K <i>lbs 11/8/07</i></td> <td></td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>					HM	DOT	Shipping Description	Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES	X		UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	<del>OT</del> <i>Buk</i>	<del>18144</del> <i>16193</i>	K <i>lbs 11/8/07</i>																																									
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LINE 1 ERG#: 162;		TRACKING #: HMTF #: <i>20070289</i> MANIFEST: 64208																																																										

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME <u><i>RON DEJERE</i></u>	SIGNATURE X <u><i>[Signature]</i></u>	DATE <u><i>11/20/07</i></u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u><i>STEVE ETHERTON</i></u>	SIGNATURE X <u><i>[Signature]</i></u>	DATE <u><i>11/20/07</i></u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u><i>[Signature]</i></u>	SIGNATURE X <u><i>[Signature]</i></u>	DATE <u><i>11-20-07</i></u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64208

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195342, 540 F

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64176

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE.

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PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Roni DESOTTE

X 

11-8-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Lewis Hedger

x *Kevin H. H. H.*

11-8-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

R. Axtell

X Ray

DATE 11/8/07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64176

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195328, 540 F

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5601

## WASTE MANIFEST

64210

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211				
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545				
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			NM0890010515 <i>DOT 941566</i>				
Transporter 2							
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158							
NM0890010515							
HM DOT Shipping Description		Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES	
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>10144</del> 16193 48 11/8/07	K		
TRACKING #:		HMTF #: 20070285		MANIFEST: 64210			
LINE 1 ERG#: 162;							

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PRINTED/TYPED NAME

SIGNATURE

DATE

Larry P. Baker

11-19-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

Steve Etheimer

X

11/19/07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

Paul Gonzales

X

11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64210

PAGE LINE CONTAINERS

PAGE: 1

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COPY



5619

## WASTE MANIFEST

64199

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211		
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545		
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			NM0890010515 <i>DOT 441526</i>		
Transporter 2					
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158					
HM DOT Shipping Description			Containers No Type	Total Unit Quantity Wt/V	WASTE CODES
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>10144</del> 16193 LPB 11/19/07	K
TRACKING #:		HMTF #: <i>3020293</i> <i>20070293</i>		MANIFEST: 64199	
LINE 1 ERG#: 162;					

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PRINTED/TYPED NAME

SIGNATURE

DATE

*Larry P. Baker**L.P. Baker**11/19/07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*David Lockmanese**D. Lockmanese**11-19-07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*Paul Gonzalez**P. Gonzalez**11-19-07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64199

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195335, 540 F

COPY

5623

## WASTE MANIFEST

64213

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211					
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545					
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			NM0890010515 DOT 441566					
Transporter 2								
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158								
NM0890010515								
HM DOT Shipping Description		Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES		
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>18144</del> 16193	K			
				48 11/8/07				
TRACKING #:		HMTF #: 20070281		MANIFEST: 64213				
LINE 1 ERG#: 162;								

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PRINTED/TYPED NAME

SIGNATURE

DATE

Larry P. Baker

X *L. P. Baker*

11/19/07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS.

PRINTED/TYPED NAME

SIGNATURE

DATE

Steve E. Theron

X *Steve E. Theron*

11/19/07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

Paul Gonzalez

X *Paul Gonzalez*

11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64213

PAGE LINE CONTAINERS

PAGE: 1

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COPY



5624

## WASTE MANIFEST

64198

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211		
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545		
Transporter 1 LANS, LLC for US DOE <i>mPe</i>			NM0890010515 DOT 441566		
Transporter 2					
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158					
NM0890010515					
HM DOT Shipping Description					
	Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>16144</del> 16193 LPS 11/8/07	K
TRACKING #:		HMTF #: 302009 20070292		MANIFEST: 64198	
LINE 1 ERG#: 162;					

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

SIGNATURE

DATE

Larry P. Baker

*Larry P. Baker*

11/19/07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

David Lockmanese

*David Lockmanese*

11-19-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

Paul Gonzalez

*Paul Gonzalez*

11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64198

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195334, 540 F

COPY

COPY

5625

## WASTE MANIFEST

64212

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211																																																			
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545																																																			
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			NM0890010515 DOT 441566																																																			
Transporter 2																																																						
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158																																																						
NM0890010515																																																						
<table border="1"> <thead> <tr> <th rowspan="2">HM</th> <th rowspan="2">DOT</th> <th rowspan="2">Shipping Description</th> <th colspan="2">Containers</th> <th rowspan="2">Total Quantity</th> <th rowspan="2">Unit Wt/V</th> <th rowspan="2">WASTE CODES</th> </tr> <tr> <th>No</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>X</td> <td></td> <td>UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq</td> <td>1</td> <td>OT</td> <td><del>10144</del> 16193</td> <td>K</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>LPB 11/20/07</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					HM	DOT	Shipping Description	Containers		Total Quantity	Unit Wt/V	WASTE CODES	No	Type	X		UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>10144</del> 16193	K							LPB 11/20/07																										
HM	DOT	Shipping Description	Containers					Total Quantity	Unit Wt/V				WASTE CODES																																									
			No	Type																																																		
X		UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>10144</del> 16193	K																																																
					LPB 11/20/07																																																	
TRACKING #:		HMTF #:		MANIFEST: 64212																																																		
LINE 1 ERG#: 162;																																																						

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

SIGNATURE

DATE

*Ron DeJota*x *[Signature]*

11/20/07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*Steve Etherton*x *[Signature]*

11/20/07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*Paul Gonzalez*x *[Signature]*

11-20-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64212

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195346, 540 F

COPY

COPY

## WASTE MANIFEST

64207

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211		
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545		
Transporter 1 LANS, LLC for US DOE			NM0890010515		
Transporter 2					
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158			NM0890010515		
HM DOT Shipping Description			Containers No Type	Total Unit Quantity Wt/V	WASTE CODES
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	18144	K
				16193	
				418	
				11/2/07	
TRACKING #: LINE 1 ERG#: 162;			HMTF #: 20070288		MANIFEST: 64207

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME	SIGNATURE	DATE
<u>Ron DeJota</u>	X <u>Rid</u>	<u>11-20-07</u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>David Lockmanese</u>	X <u>David Lockmanese</u>	<u>11-20-07</u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>Paul Gonzalez</u>	X <u>Paul Gonzalez</u>	<u>11-20-07</u>

COPY



CONTAINER LISTING FOR MANIFEST NO: 64207

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195341, 540 F

COPY

5638

## WASTE MANIFEST

64211

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211	
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545	
Transporter 1 LANS, LLC for US DOE <i>mPe</i>			<del>NM0890010515</del> <i>DOT 44/566</i>	
Transporter 2				
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158				
HM DOT Shipping Description			Containers No	Total Unit Quantity Wt/V
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>18144</del> <i>16193</i> <i>4/5</i> <i>11/8/07</i>
TRACKING #: LINE 1 ERG#: 162;		HMTF #: <i>20070286</i>		MANIFEST: 64211

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

SIGNATURE

DATE

*Ron DeSota**RIS**11-19-07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*David Lockmanese**D. Lockmanese**11-19-07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*Paul Gonzalez**P. Gonzalez**11-19-07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64211

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195345, 540 F

COPY

COPY



5639

## WASTE MANIFEST

64166

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211		
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158		Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545			
Transporter 1 LANS, LLC for US DOE <i>mpe</i>		NM0890010515 <i>US DOT 441566</i>			
Transporter 2					
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158					
HM DOT Shipping Description					
		Containers No	Total Type	Unit Quantity Wt/V	WASTE CODES
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY LSA-II FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	<i>BT/K</i>	<i>48144</i> <i>16193</i>	K
TRACKING #:		HMTF #:		MANIFEST: 64166	
LINE 1 ERG#: 162;		<i>20070273</i>			

## ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

*Excluding Use Shipment Radioactive Placard Required*

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-NMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

*Ron DeSotie*

SIGNATURE

*x R DeSotie*

DATE

*11-8-07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*Lewis Hedger*

SIGNATURE

*x Lewis Hedger*

DATE

*11-8-07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*R. Artec*

SIGNATURE

*x R Artec*

DATE

*11/8/07*

COPY

*6*

5639

CONTAINER LISTING FOR MANIFEST NO: 64166

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195324, 540 F

COPY

5640

WASTE MANIFEST

64215

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211				
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545				
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			<del>NM0890010515</del> DOT 491566				
Transporter 2							
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158							
NM0890010515							
HM DOT Shipping Description		Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES	
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>18144</del> 16193 11/8/07	K		
TRACKING #:		HMTF #: 20070282		MANIFEST: 64215			
LINE 1 ERG#: 162;							

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

SIGNATURE

DATE

*Paul DeSoto*

X *Paul DeSoto*

11-19-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*Kevin Hedges*

X *Kevin Hedges*

11-19-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE

*Paul Gonzalez*

X *Paul Gonzalez*

11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64215

PAGE LINE CONTAINERS

PAGE: 1

1	1	L07195348, 540 F
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COPY

64200

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211		
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545		
Transporter 1 LANS, LLC for US DOE			NM0890010515 DOT 441516		
Transporter 2					
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158					
HM DOT Shipping Description		Containers No	Total Type	Unit Quantity	WASTE CODES
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	16193 16193 16193	K
TRACKING #:		HMTF #:		MANIFEST: 64200	
LINE 1 ERG#: 162;		20070294			

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Raul DeSoto

x

11-20-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

David Lockmanese

x

11-20-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Paul Gonzalez

X

11-20-04

COPY



CONTAINER LISTING FOR MANIFEST NO: 64200

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195336, 540 F

COPY

COPY

5643  
5788

WASTE MANIFEST  
64197

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211	
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158		Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545		
Transporter 1 LANS, LLC for US DOE <i>inf</i>		NM0890010515 <i>DOT 441366</i>		
Transporter 2				
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158		NM0890010515		
HM DOT Shipping Description		Containers No	Type	Total Unit Quantity Wt/V
X UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq		1	<i>DOT</i> <i>Dust</i>	<del>18144</del> <i>16193</i> <i>4/2</i> <i>11/2/07</i>
				K
TRACKING #:		HMTF #: <i>20070291</i>		MANIFEST: 64197
LINE 1 ERG#: 162;				

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME	SIGNATURE	DATE
<i>Rod DeSota</i>	X <i>R. DeSota</i>	<i>11-21-07</i>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<i>David Lockmanese</i>	X <i>David Lockmanese</i>	<i>11-21-07</i>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<i>Paul Gonzales</i>	X <i>Paul Gonzales</i>	<i>11-21-07</i>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64197

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195333, 540 F

COPY

COPY



WASTE MANIFEST  
64205

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211		
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545		
Transporter 1 LANS, LLC for US DOE			NM0890010515		
Transporter 2					
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158					
NM0890010515					
HM DOT Shipping Description		Containers No	Total Type	Unit Quantity Wt/V	WASTE CODES
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	OT	<del>10114</del> 16193 L/S 11/8/07	K
TRACKING #:		HMTF #:		MANIFEST: 64205	
LINE 1 ERG#: 162;		20070290			

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Ron DeSota

X *[Signature]*

11-19-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Steve Ethel, In

X 

11-19-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

Paul Gonzales

X 

11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64205

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195339, 540 F

COPY

A hand-drawn diagram showing a figure-eight loop. A horizontal line enters from the left and splits into two loops that cross each other in the center, forming a figure-eight shape. The loops then merge back into a single horizontal line that exits to the right.

CONTAINER LISTING FOR MANIFEST NO: 64175

PAGE LINE CONTAINERS

PAGE: 1

1	1	L07195327, 540 F
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COPY

## WASTE MANIFEST

64201

5646  
5758  
10068574

NM0890010515	Page 1 of 1	EMERGENCY PHONE (505) 667-6211
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158	Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545	

FACILITY: ~~LANS, LLC~~ for US DOE *infc*  
Mesita Del Buey Rd. TA-54 Area G  
Los Alamos, NM 87545  
(505) 665-6158

DOT 4/15/06  
NM0890010515

HM	DOT Shipping Description	Containers		Total	Unit	WASTE CODES		
		No	Type	Quantity	Wt/V			
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	<del>OT</del> Buck	<del>18144</del> 16193	K			
				LPS 11/8/07				

TRACKING #: HMTF #: 20070285 MANIFEST: 64201  
LINE 1 ERG#: 162;

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

Ron DeJoria

SIGNATURE

X *[Signature]*

DATE

11-20-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

David Lockmanese

SIGNATURE

X *[Signature]*

DATE

11-20-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

Paul Gonzalez

SIGNATURE

X *[Signature]*

DATE

11-20-07

COPY



CONTAINER LISTING FOR MANIFEST NO: 64201

PAGE LINE CONTAINERS

PAGE: 1

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COPY



## WASTE MANIFEST

64204

5599  
5759

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211				
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158		Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545					
Transporter 1 LANS, LLC for US DOE <i>mfc</i>		-NM0890010515 <i>DOT 441566</i>					
Transporter 2							
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158							
NM0890010515							
HM DOT Shipping Description		Containers No	Type	Total Quantity	Unit Wt/V	WASTE CODES	
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	<i>DOT</i> <i>Bulk</i>	<del>12144</del> <i>16193</i>	K		
				<i>W8 11/2/07</i>			
TRACKING #:		HMTF #: <i>20070296</i>		MANIFEST: 64204			
LINE 1 ERG#: 162;							

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

*Ron DeSora*

SIGNATURE

*Ron DeSora*

DATE

*11-20-07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*Steve E Therton*

SIGNATURE

*Steve E Therton*

DATE

*11/20/07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*D. Gonzalez*

SIGNATURE

*D. Gonzalez*

DATE

*11/20/07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64204

PAGE LINE CONTAINERS

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## WASTE MANIFEST

64288

NM0890010515		Page 1 of 1	EMERGENCY PHONE (505) 667-6211				
Mailing Address: LANS, LLC for US DOE P.O. Box 1663, MS J595 Los Alamos, NM 87545 (505) 665-6158			Ship From: LANS, LLC for US DOE Larry Baker, TA-21, MS-M327 Los Alamos, NM 87545				
Transporter 1 LANS, LLC for US DOE <i>mpe</i>			NM0890010515 DOT 441566				
Transporter 2							
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158							
NM0890010515							
Containers Total Unit No Type Quantity Wt/V WASTE CODES							
X	UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	<i>OT</i> <i>Bak</i>	16194 K			
TRACKING #:		HMTF #:		MANIFEST: 64288			
LINE 1 ERG#: 162;		7007036					

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

Exclusive Use Shipment Radioactive Placard Required  
SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, LABELED, AND PLACARDED; ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION; AND MEET THE WASTE ACCEPTANCE CRITERIA OF WS-HMWO, WS-LLWD OR RLW AS APPROPRIATE.

PRINTED/TYPED NAME

*Ron DeJota*

SIGNATURE

*Ron DeJota*

DATE

*11-21-07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*David Lockman*

SIGNATURE

*David Lockman*

DATE

*11-21-07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

*AMANDA P. NARANJO*

SIGNATURE

*Amanda P. Naranjo*

DATE

*11/21/07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64288

PAGE LINE CONTAINERS

PAGE: 1

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10077199

## 64292

### ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION  
LIMITS WERE NOT EXCEEDED (SR 4.1.2)

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

X \_\_\_\_\_

11-21-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

X 

11-21-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:

PRINTED/TYPED NAME

SIGNATURE

DATE \_\_\_\_\_

X Sumant P. Rao

11/21/87

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CONTAINER LISTING FOR MANIFEST NO: 64292

PAGE LINE CONTAINERS

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