

Attachment G-2

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

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
ARSENIC	TOTA		0	2	PPM
BARIUM	TCLP		0	0.55	PPM
CADMIUM	TCLP		0	0.008	PPM
CHROMIUM	TOTA		0	9.8	PPM
LEAD	TOTA		0	16	PPM
MERCURY	TOTA		0	0.5	PPM
SELENIUM	TOTA		0	0.15	PPM
SILVER	TOTA		0	0.18	PPM

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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	%
	AROCLOR-1254	0	0.00011	%
	AROCLOR-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

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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		NM0890010515	
HM	DOT Shipping Description	Containers No	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	18144 K <i>Pack 16193</i> <i>L/S</i> <i>11/21/07</i>
TRACKING #: LINE 1 ERG#: 162;		HMTF #: 20070286	MANIFEST: 64209

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>Ron DeJota</u>	SIGNATURE <u><i>[Signature]</i></u>	DATE <u>11/21/07</u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u>Steve EThert.</u>	SIGNATURE <u><i>[Signature]</i></u>	DATE <u>11/21/07</u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u>Paul Gonzalez</u>	SIGNATURE <u><i>[Signature]</i></u>	DATE <u>11-21-07</u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64209

PAGE LINE CONTAINERS

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1 1 L07195343, 540 F

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CONTAINER LISTING FOR MANIFEST NO: 64206

PAGE LINE CONTAINERS

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1 1 L07195340, 540 F

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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			
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	Total Unit 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	10144 <i>Buk</i>	<i>16193</i>	K <i>11/8/07</i>
LINE 1 ERG#: 162;		TRACKING #:	HMTF #: <i>20070289</i>	MANIFEST: 64208	

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION
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PRINTED/TYPED NAME: RON DEJURE SIGNATURE: *[Signature]* DATE: 11/20/07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: Steve Etherico SIGNATURE: *[Signature]* DATE: 11/20/07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: *[Signature]* SIGNATURE: *[Signature]* DATE: 11-20-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64208

PAGE LINE CONTAINERS

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1 1 L07195342, 540 F

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CONTAINER LISTING FOR MANIFEST NO: 64176

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195328, 540 F

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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 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	10144 16193 48 11/18/07	K			
TRACKING #:		HMTF #:		MANIFEST:				
LINE 1 ERG#: 162;		20070285		64210				

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION
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PRINTED/TYPED NAME	SIGNATURE	DATE
Larry P. Baker	<i>[Signature]</i>	11-19-07
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
Steve Etheida	X <i>[Signature]</i>	11/19/07
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
Paul Gonzalez	X <i>[Signature]</i>	11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64210

PAGE LINE CONTAINERS

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1 1 L07195344, 540 F

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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>Dest 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			NM0890010515		
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	10144 16193 LPB 11/19/07	K
TRACKING #:		HMTF #: <i>3020293</i> <i>20070293</i>		MANIFEST: 64199	
LINE 1 ERG#: 162;					

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

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PRINTED/TYPED NAME: Larry P. Baker SIGNATURE: [Signature] DATE: 11/19/07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: David Lockmanese SIGNATURE: [Signature] DATE: 11-19-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: Paul Gonzalez SIGNATURE: [Signature] DATE: 11-19-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64199

PAGE LINE CONTAINERS

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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	18144 16193	K		
				<i>48</i> <i>11/19/07</i>			
TRACKING #:		HMTF #: 20070281		MANIFEST: 64213			
LINE 1 ERG#: 162;							

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PRINTED/TYPED NAME	SIGNATURE	DATE
<u>LARRY P. BAKER</u>	X <u>[Signature]</u>	<u>11/19/07</u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>Steve E. Newton</u>	X <u>[Signature]</u>	<u>11/19/07</u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>Paul Gonzalez</u>	X <u>[Signature]</u>	<u>11-19-07</u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64213

PAGE LINE CONTAINERS

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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 <i>DOT 44156</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																																																		
<table border="1"> <thead> <tr> <th rowspan="2">HM</th> <th rowspan="2">DOT Shipping Description</th> <th colspan="2">Containers</th> <th>Total</th> <th>Unit</th> <th colspan="3" rowspan="2">WASTE CODES</th> </tr> <tr> <th>No</th> <th>Type</th> <th>Quantity</th> <th>Wt/V</th> </tr> </thead> <tbody> <tr> <td>X</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>10144 16193 <i>48</i> <i>11/8/07</i></td> <td>K</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> <td></td> </tr> <tr> <td></td> <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> <td></td> </tr> </tbody> </table>					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	OT	10144 16193 <i>48</i> <i>11/8/07</i>	K																														
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TRACKING #: LINE 1 ERG#: 162;		HMTF #: <i>302009</i> <i>20070292</i>		MANIFEST: 64198																																																	

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

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PRINTED/TYPED NAME	SIGNATURE	DATE
<u>LARRY P. BAKER</u>	<u><i>Larry P. Baker</i></u>	<u>11/19/07</u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>DAVID STOCKMAN</u>	<u><i>David Stockman</i></u>	<u>11-19-07</u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>Paul Gonzalez</u>	<u><i>Paul Gonzalez</i></u>	<u>11-19-07</u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64198

PAGE LINE CONTAINERS

PAGE: 1

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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					
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	10144 16193	K			
				<i>LPB</i> <i>11/20/07</i>				
TRACKING #:		HMTF #:		MANIFEST: 64212				
LINE 1 ERG#: 162;		20070283						

ADDITIONAL DESCRIPTIONS FOR MATERIALS LISTED ABOVE

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

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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

[Signature]

x *[Signature]*

11-20-07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64212

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195346, 540 F

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COPY

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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
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 Bak	18144 16193 LBS 11/20/07
TRACKING #:		HMTF #:	MANIFEST: 64207
LINE 1 ERG#: 162;		20070288	

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 DeJota
 SIGNATURE: [Signature]
 DATE: 11-20-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
 PRINTED/TYPED NAME: David Lockmanese
 SIGNATURE: [Signature]
 DATE: 11-20-07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
 PRINTED/TYPED NAME: [Signature]
 SIGNATURE: [Signature]
 DATE: 11-20-07

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>		NM0890010515 <i>DOT 94/566</i>							
Transporter 2									
FACILITY: LANS, LLC for US DOE Mesita Del Buey Rd. TA-54 Area G Los Alamos, NM 87545 (505) 665-6158			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	10144 <i>16193</i> <i>L/S</i> <i>11/8/07</i>	K				
TRACKING #: LINE 1 ERG#: 162;		HMTF #: <i>2007028cr</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 <u>Ron DeSota</u>	SIGNATURE X <u><i>RIS</i></u>	DATE <u>11-19-07</u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u>David Lockmanese</u>	SIGNATURE X <u><i>D Lockmanese</i></u>	DATE <u>11-19-07</u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u>Paul Gonzalez</u>	SIGNATURE X <u><i>P Gonzalez</i></u>	DATE <u>11-19-07</u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64211

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195345, 540 F

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CONTAINER LISTING FOR MANIFEST NO: 64166

PAGE LINE CONTAINERS

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CONTAINER LISTING FOR MANIFEST NO: 64215

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195348, 540 F

COPY

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WASTE MANIFEST

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 <i>mpe</i>		NM0890010515 <i>DOT 441516</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	18144 16193 LPG 11/20/07	K			
TRACKING #: LINE 1 ERG#: 162;		HMTF #: 20070294		MANIFEST: 64200				

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

CONTAINER LISTING FOR MANIFEST NO: 64200

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195336, 540 F

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CONTAINER LISTING FOR MANIFEST NO: 64197

PAGE LINE CONTAINERS

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CONTAINER LISTING FOR MANIFEST NO: 64205

PAGE LINE CONTAINERS

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CONTAINER LISTING FOR MANIFEST NO: 64175

PAGE LINE CONTAINERS

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1 1 L07195327, 540 F

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 *MFC*
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 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 Buck	18144 16193	K	
				<i>LPS 11/20/07</i>		

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: *[Signature]* DATE: *11-20-07*

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: *David Lockmanese* SIGNATURE: *[Signature]* DATE: *11-20-07*

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: *Paul Gonzalez* SIGNATURE: *[Signature]* DATE: *11-20-07*

COPY

CONTAINER LISTING FOR MANIFEST NO: 64201

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195337, 540 F

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WASTE MANIFEST 64204

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	DOT Bnk	12111 16193	K		
				<i>WBS 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 DeSoto SIGNATURE: [Signature] DATE: 11-20-07

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: Steve E. Horton SIGNATURE: [Signature] DATE: 11/20/07

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:
PRINTED/TYPED NAME: [Signature] SIGNATURE: [Signature] DATE: 11/20/07

COPY

CONTAINER LISTING FOR MANIFEST NO: 64204

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195338, 540 F

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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	mpe						
Transporter 2	NM0890010515 DOT 441566						
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 Bnk	16194	K		
LINE 1 ERG#: 162;		TRACKING #:	HMTF #:	700703M	MANIFEST: 64288		

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	SIGNATURE	DATE
<u>Rob DeJota</u>	X <u>[Signature]</u>	<u>11-21-07</u>

TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>David Lockmanee</u>	X <u>[Signature]</u>	<u>11-21-07</u>

DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS:		
PRINTED/TYPED NAME	SIGNATURE	DATE
<u>AMANDA P. NARANJO</u>	X <u>[Signature]</u>	<u>11/21/07</u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64288

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195493, 540 F

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WASTE MANIFEST

64292

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	MPC		
Transporter 2	NM0890010515 DOT 441566		
FACILITY: 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
X UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, SOLID ELEMENTAL, H3 PU239 U234 U235 U238, 3.62e-05 TBq	1	DOT Bnk	16194 K
TRACKING #: LINE 1 ERG#: 162;		HMTF #: 20070314	MANIFEST: 64292

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 <u>Raul DeSota</u>	SIGNATURE <u>[Signature]</u>	DATE <u>11-21-07</u>
TRANSPORTER ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u>Steve E. Herber</u>	SIGNATURE <u>[Signature]</u>	DATE <u>11-21-09</u>
DESIGNATED FACILITY OWNER or OPERATOR ACKNOWLEDGEMENT OF RECEIPT OF MATERIALS: PRINTED/TYPED NAME <u>AMANDA P. NARANJO</u>	SIGNATURE <u>[Signature]</u>	DATE <u>11/21/07</u>

COPY

CONTAINER LISTING FOR MANIFEST NO: 64292

PAGE LINE CONTAINERS

PAGE: 1

1 1 L07195489, 540 F

COPY