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Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

RECEIVED

FEB 7 2014

NMED
Hazardous Waste Bureau

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: Shipment of Containers from Waste Stream LA-MIN03-NC.001

Dear Mr. Kieling:

In accordance with the Stipulated Final Order, No. HWB 09-31 (CO) (LANL), prior to shipment of remediated containers from waste stream LA-MIN03-NC.001, respondents shall submit to NMED the following information for each container:

- A. A list of remediated containers being shipped;
- B. Evidence that each container has been remediated in accordance with approved LANL procedures; and
- C. Evidence that Nonconformance Reports (NCR) written for prohibited liquid have been dispositioned appropriately by the Central Characterization Program.

Enclosed is a digital video disk (DVD) containing the required documents for 6 containers from waste stream LA-MIN03-NC.001. Each container listed has its Real-Time Radiography Batch Data Report, Nonconformance Report disposition information, and Prohibited Item Disposition (PID) form.

We certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our 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 our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

If you have questions, please contact Mr. J. R. Stroble, Director of the Office of the National TRU Program, at (575) 234-7313.

Sincerely,


Jose R. Franco, Manager
Carlsbad Field Office


M.F. Sharif, Project Manager
Nuclear Waste Partnership, LLC

Enclosure

140202



Enclosure

LANL LA-MIN03-NC.001 Containers, Lot 85

CONTAINER ID	NDE BDR's
S822054	LA-HERTR-13-0121
S850109	LA-HERTR-13-0076
S850246	LA-HERTR-13-0075
S850403	LA-HERTR-13-0076
S850538	LA-RTR2-09-0138
S870658	LA-HERTR-13-0076

**CONTAINERID: S822054**

LANL

AK DATA

<u>Container ID</u>	<u>Container Type</u>	<u>AKA Matrix</u>	<u>WDS Status</u>	<u>AK Excluded</u>	<u>WSID</u>	<u>LOTID</u>	<u>LOT Excluded</u>
S822054	55G	LAS822054	NO WDS STATUS	NO	LA-MIN03-NC.001	NONE	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
1LANDA1884	NDA	Complete	2013-12-20
2LANDA0012	NDA	Complete	2006-05-05
ECL06347G	HSG	Complete	2006-09-21
ECL06347M	HSG	Complete	2006-09-21
ECL06356C	HSG	Complete	2006-09-21
LA-HERTR-13-0121	RTR	Complete	2013-12-13
LA-RTR2-05-0222	RTR	Complete	2005-12-18
LA-RTR2-06-0255	RTR	Complete	2006-08-28
LA-RTR2-09-0058	RTR	Complete	2009-06-12
LAHSGS060112	HSG	Complete	2006-09-12
LAVE540029	VE	Complete	2005-12-21

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
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S822054	NCR-LANL0019080	Closed	Resolved
S822054	NCR-LANL0519060	Closed	Resolved
S822054	NCR-LANL0902071	Superseded	None
S822054	NCR-LANL09020710	Superseded	None
S822054	NCR-LANL09020711	Superseded	Resolved
S822054	NCR-LANL09020712	Superseded	Resolved
S822054	NCR-LANL09020713	Superseded	Resolved
S822054	NCR-LANL09020714	Superseded	Resolved
S822054	NCR-LANL09020715	Open	Resolved
S822054	NCR-LANL0902072	Superseded	None
S822054	NCR-LANL0902073	Superseded	None
S822054	NCR-LANL0902074	Superseded	None
S822054	NCR-LANL0902075	Superseded	None
S822054	NCR-LANL0902076	Superseded	None
S822054	NCR-LANL0902077	Superseded	None
S822054	NCR-LANL0902078	Superseded	None
S822054	NCR-LANL0902079	Superseded	None
S822054	NCR-LANL1286060	Superseded	None
S822054	NCR-LANL1286061	Superseded	None
S822054	NCR-LANL1286062	Closed	Resolved



S822054	NCR-LANL1610060	Superseded	None
S822054	NCR-LANL1610061	Superseded	None
S822054	NCR-LANL1610062	Closed	Resolved

REJECT DATA

<u>Container ID</u>	<u>BDRID</u>	<u>NCRID</u>	<u>NCR Status</u>	<u>Release Code</u>	<u>Actual Condition</u>
S822054	2LANDA0012	NCR-LANL0019080	Closed	Resolved	Certification of drums in WWIS, uses the latest characterization data (which is VE data)that cannot be used for certification. The NDA BDR was based on the VE data.
S822054	LA-RTR2-05-0222	NCR-LANL0019080	Closed	Resolved	Certification of drums in WWIS, uses the latest characterization data (which is VE data)that cannot be used for certification. The NDA BDR was based on the VE data.
S822054	LA-RTR2-06-0255	NCR-LANL0019080	Closed	Resolved	Certification of drums in WWIS, uses the latest characterization data (which is VE data)that cannot be used for certification. The NDA BDR was based on the VE data.
S822054	LA-RTR2-06-0255	NCR-LANL09020713	Superseded	Resolved	A review of NDE audio/video media has revealed containers that contain non-residual liquids. This condition is prohibited by the WIPP Waste Acceptance Criteria.As reviews of NDE audio/video media continue, additional containers identified with this condition shall be added to the PTS Data Center, administratively tagged and segregated IAW CCP-QP-005. Additions of containers added to this NCR will not require a revision. This NCR is being revised to remove Attachment 1 from this NCR. Affected containers are listed in PTS per this NCR. Additionally, drum S855303 was entered in error, and will be removed from this NCR in PTS.Revision 2,3,4,5 and 6: See hard copy. Reason for Revision 7: Delete drums 55680 and S850287 as these drums have been determined as Low Level Waste (LLW)and have been moved to the LLW tab on AK and returned to LANL.Reason for Revision 8: Delete drum S816662 as this drum has been determined to be Low Level Waste (LLW) and has been moved to the LLW tab on AK and returned to LANL.Reason for Revision 9: Delete drum S813677 as this drum has been determined to be Low Level Waste (LLW) and has been moved to the LLW tab on AK and returned to LANL. Revision 10: Delete drums S811813, S842242, and S870014 as these drums have been determined to be Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Reason for Revision 11: Delete drums S861843, S834111, and S850101 as these drums have been determined to be Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Removed drums listed on Attachment 2 as they have been completed. Reason for Revision 12: Delete drums that have been completed or repackaged at WCRRF as shown in Attachment 3. Revise Block 3 to show affected Reason for Revision 13: Attachment 4 Added to correct correlation of drum numbers and BDRs affected by this NCR. Remove completed drums as listed in Attachment 3.Reason for Revision 14: Delete drums that have been re-characterized or repackaged as shown in Attachment 3. Attachment 1 has been updated.



S822054 LA-RTR2-06-0255 NCR-LANL09020714 Superseded

Resolved

A review of NDE audio/video media has revealed containers that contain non-residual liquids. This condition is prohibited by the WIPP Waste Acceptance Criteria. As reviews of NDE audio/video media continue, additional containers identified with this condition shall be added to the PTS Data Center, administratively tagged and segregated IAW CCP-QP-005. Additions of containers added to this NCR will not require a revision. This NCR is being revised to remove Attachment 1 from this NCR. Affected containers are listed in PTS per this NCR. Additionally, drum S855303 was entered in error, and will be removed from this NCR in PTS. Revision 2,3,4,5 and 6: See hard copy. Reason for Revision 7: Delete drums 55680 and S850287 as these drums have been determined as Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Reason for Revision 8: Delete drum S816662 as this drum has been determined to be Low Level Waste (LLW) and has been moved to the LLW tab on AK and returned to LANL. Reason for Revision 9: Delete drum S813677 as this drum has been determined to be Low Level Waste (LLW) and has been moved to the LLW tab on AK and returned to LANL. Revision 10: Delete drums S811813, S842242, and S870014 as these drums have been determined to be Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Reason for Revision 11: Delete drums S861843, S834111, and S850101 as these drums have been determined to be Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Removed drums listed on Attachment 2 as they have been completed. Reason for Revision 12: Delete drums that have been completed or repackaged at WCRRF as shown in Attachment 3. Revise Block 3 to show affected Reason for Revision 13: Attachment 4 Added to correct correlation of drum numbers and BDRs affected by this NCR. Remove completed drums as listed in Attachment 3. Reason for Revision 14: Delete drums that have been re-characterized or repackaged as shown in Attachment 3. Attachment 1 has been updated. Reason for Revision 15: Delete drums that have been re-characterized or repackaged as shown in Attachment 3. Attachment 1 has been updated.

S822054 LA-RTR2-06-0255 NCR-LANL09020715 Open

Resolved

A review of NDE audio/video media has revealed containers that contain non-residual liquids. This condition is prohibited by the WIPP Waste Acceptance Criteria. As reviews of NDE audio/video media continue, additional containers identified with this condition shall be added to the PTS Data Center, administratively tagged and segregated IAW CCP-QP-005. Additions of containers added to this NCR will not require a revision. This NCR is being revised to remove Attachment 1 from this NCR. Affected containers are listed in PTS per this NCR. Additionally, drum S855303 was entered in error, and will be removed from this NCR in PTS. Revision 2,3,4,5 and 6: See hard copy. Reason for Revision 7: Delete drums 55680 and S850287 as these drums have been determined as Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Reason for Revision 8: Delete drum S816662 as this drum has been determined to be Low Level Waste (LLW) and has been moved to the LLW tab on AK and returned to LANL. Reason for Revision 9: Delete drum S813677 as this drum has been determined to be Low Level Waste (LLW) and has been moved to the LLW tab on AK and returned to LANL. Revision 10: Delete drums S811813, S842242, and S870014 as these drums have been determined to be Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Reason for Revision 11: Delete drums S861843, S834111, and S850101 as these drums have been determined to be Low Level Waste (LLW) and have been moved to the LLW tab on AK and returned to LANL. Removed drums listed on Attachment 2 as they have been completed. Reason for Revision 12: Delete drums that have been completed or repackaged at WCRRF as shown in Attachment 3. Revise Block 3 to show affected Reason for Revision 13: Attachment 4 Added to correct correlation of drum numbers and BDRs affected by this NCR. Remove completed drums as listed in Attachment 3. Reason for Revision 14: Delete drums that have been re-characterized or repackaged as shown in Attachment 3. Attachment 1 has been updated. Reason for Revision 15: Delete drums that have been re-characterized or repackaged as shown in Attachment 3. Attachment 1 has been updated.

S822054 LAVE540029 NCR-LANL0019080 Closed

Resolved

Certification of drums in WWIS, uses the latest characterization data (which is VE data) that cannot be used for certification. The NDA BDR was based on the VE data.

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In Dome 231 PermaCon

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Reference

Attachment 2

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Prohibited Item Dispositioning (PID) of TRU Waste

Prohibited Item Dispositioning (PID) of TRU Waste

Operation Date 6-10-09	For NCR or PWR No. LANC 0019-08 0902-07
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Waste Container Information

Use NA if information is not applicable

IPC-1

Column I: Waste Container
Type of Container: 55 Gallon
Waste Stream: LA-MIN03-NC.001
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Less than or equal to 0.47 PE-Ci Limit
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Questionable structural integrity
<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA Is the parent 85 gallon drum vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the parent 55 gallon drum vented?
Waste Container ID: S822054
Weight: 449.2
RCRA designation (EPA Codes): F001
RCRA findings: HAZARDOUS
Parent drum RCRA empty? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
RIGID LINER
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner present?
<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> NO If no, what type:
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner installed without a lid?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is liner vented?
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is rigid liner lid removed and disposed of?
Rigid Liner Integrity: SAT
Comments: No liner lid present
BREACHING LAYERS OF CONFINEMENT
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are there any Bags present? If so, many layers of confinement? P
<input type="checkbox"/> YES <input type="checkbox"/> NO Have all bags been breached? N/A
Comments: 1 bag already open

**Prohibited Item Dispositioning
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Prohibited Item Dispositioning (PID) of TRU Waste (continued)

<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are liquids present? Disposition of liquids: Comments: N/A	<p style="text-align: center;">LIQUIDS</p> <p style="font-size: 1.2em;">5 GALLON OF LIQUIDS 7 CUP OF Absorbant</p>
FILTER	
Filter number: CJ-294 Filter model: NUC FIL 01905 Filter date of manufacture: 3/09 Torque wrench file #: 19256 Torque calibration expiration date: 6-19-09 Torque value: 100 in/165	
Filter Verification	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter loose? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the filter sitting below the ring? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter hitting the waste? Comments: N/A	
Closure Date and Time: 6-10-09 1525	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO To the best of our knowledge this container is WIPP compliant.	

5822054

	Printed Name	Signature	Date
Operator	Donald Esquivel	<i>Donald Esquivel</i>	6-10-09
Operator Lead	Timothy Pacheco	<i>Timothy Pacheco</i>	6-10-09
Shift Operations Supervisor	Alan Sanchez	<i>Alan Sanchez</i>	6-10-09

CCP Radiography Data Sheet

Section 1: General Information	
<input checked="" type="checkbox"/> RTR Examination	<input type="checkbox"/> RTR Replicate Scan
<input type="checkbox"/> RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-13-0121
Examination Date:	12/13/2013
Waste Container ID:	S822054
Video/Audio Recorded Media Number:	LA-HERTR-13-0121 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes NCR No.: <u>N/A</u> NCR No.: <u>N/A</u>

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA211
Waste Matrix Code:	S3120
Waste Stream I.D.:	LA-MIN03-NC.001
Waste Container Weights:	Gross Wt.: <u>208.0</u> kg Tare Wt.: <u>34.1</u> kg Net Wt.: <u>173.9</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Type: <input type="checkbox"/> 30-mil <input checked="" type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil Vented: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A Punctured: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Mechanical Vent: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Fiberboard Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lead Lined: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Layers of Confinement:	Appears to be 1 layer
Volume Utilization Percentage:	75 %

CCP Radiography Data Sheet

Waste Container ID: S822054

Section 3: Container Inventory and Comments (Detailed descriptions)

IM:	
AM:	
OM:	
OI:	
C:	
R:	
XPM:	Plastic bag
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP): Rigid Liner	6.4
Other:	0.0
Total Packaging Weight	34.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	171.9
Soils (S):	
Total WMP Weight:	173.9

CCP Radiography Data Sheet

Waste Container ID: S822054

Section 5: RTR Summary

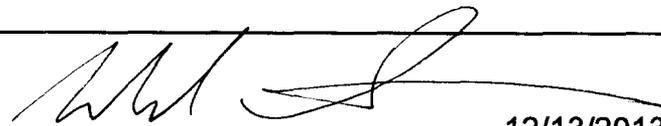
(Questions answered "Yes" will be explained in the Comment block, except for Question 1)

Is there observable liquid?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes containing explosives or compressed gases?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of PCBs liquids?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CH or RH TRAMPAC

Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there sealed containers GREATER than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there indications of inadequate protection for heavy and/or sharp objects?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments: N/A

RTR Operator:		12/13/2013
Print Name	Signature	Date

**CONTAINERID: S850109**

LANL

AK DATA

<u>Container ID</u>	<u>Container Type</u>	<u>AKA Matrix</u>	<u>WDS Status</u>	<u>AK Excluded</u>	<u>WSID</u>	<u>LOTID</u>	<u>LOT Excluded</u>
S850109	55G	LAS850109	NO WDS STATUS	NO	LA-MIN03-NC.001	NONE	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
1LANDA1798	NDA	Complete	2013-06-26
LA-HERTR-13-0076	RTR	Complete	2013-06-25
LA-RTR2-07-0182	RTR	Complete	2007-05-18
LA-RTR2-08-0026	RTR	Complete	2008-02-25

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
S850109	NCR-LANL0638080	Closed	Resolved

REJECT DATA

<u>Container ID</u>	<u>BDRID</u>	<u>NCRID</u>	<u>NCR Status</u>	<u>Release Code</u>	<u>Actual Condition</u>
S850109	LA-RTR2-08-0026	NCR-LANL0638080	Closed	Resolved	S850109: ~2L non-residual liquid in pockets of waste @ 11" to 32", greater than 1% container volume.

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Prohibited Item Dispositioning (PID) of TRU Waste

Prohibited Item Dispositioning (PID) of TRU Waste

Operation Date <i>6-14-09</i>	For NCR or PWR No. <i>LANL-0468-09</i>
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Waste Container Information

Use NA if information is not applicable

Column I: Waste Container

Type of Container: <i>55 Gallon</i>
Waste Stream: <i>LA-MIN03-NC.001</i>
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Less than or equal to 0.47 PE-Ci Limit
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Questionable structural integrity
<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA Is the parent 85 gallon drum vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the parent 55 gallon drum vented?
Waste Container ID: <i>S850190</i>
Weight: <i>354.8</i>
RCRA designation (EPA Codes): <i>F001</i>
RCRA findings: <i>HAZARDOUS</i>
Parent drum RCRA empty? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
RIGID LINER
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner present?
<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> NO If no, what type:
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is rigid liner installed without a lid?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is liner vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner lid removed and disposed of?
Rigid Liner Integrity: <i>SAT</i>
Comments: <i>Liner lid vented per H-GAS Liner lid cut into 2 pcs and placed on waste.</i>
BREACHING LAYERS OF CONFINEMENT
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are there any Bags present? If so, many layers of confinement? <i>0</i>
<input type="checkbox"/> YES <input type="checkbox"/> NO Have all bags been breached? <i>N/A</i>
Comments: <i>1 bag already open</i>

IPC-1

**Prohibited Item Dispositioning
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Prohibited Item Dispositioning (PID) of TRU Waste (continued)

<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are liquids present? Disposition of liquids: Comments: N/A</p>	<p style="text-align: center;">LIQUIDS</p> <p style="text-align: center;">1 Gallon OF LIQUIDS 5 Cup OF Absorbent</p>
FILTER	
<p>Filter number: CS-280 Filter model: NUC FIL 019DS Filter date of manufacture: 3/09 Torque wrench file #: 19256 190E 6-14-09 Torque calibration expiration date: 6-14-09 Torque value: 100 in/lbs</p> <p style="text-align: center;">Filter Verification</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter loose? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the filter sitting below the ring? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter hitting the waste? Comments: N/A</p>	
<p>Closure Date and Time: 6-14-09 1006</p>	
<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO To the best of our knowledge this container is WIPP compliant.</p>	

S950190

	Printed Name	Signature	Date
Operator	Donald Esquivel	<i>Donald Esquivel</i>	6-14-09
Operator Lead	Roberto Baca	<i>Roberto Baca</i>	6/14/09
Shift Operations Supervisor	Chas Sanchez	<i>Chas Sanchez</i>	6/14/09

CCP Radiography Data Sheet

Waste Container ID: S850109

Section 3: Container Inventory and Comments (Detailed descriptions)

IM:	Closure ring
AM:	
OM:	
OI:	
C:	
R:	Rubber gloves
XPM:	Plastic bags, liner lid
OR:	
IN:	Homogeneous solids
S:	

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag and Rigid Liner	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	2.0
Plastics (waste materials) (XPM):	3.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	150.4
Soils (S):	
Total WMP Weight:	155.9

CCP Radiography Data Sheet

Waste Container ID: S850109

Section 5: RTR Summary

(Questions answered "Yes" will be explained in the Comment block, except for Question 1)

Is there observable liquid?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes containing explosives or compressed gases?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of PCBs liquids?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CH or RH TRAMPAC

Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there sealed containers GREATER than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there indications of inadequate protection for heavy and/or sharp objects?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments: On the recording I stated two layers of confinement, after reviewing the recording the layers of confinement should be one and this attachment two reflects my decision.

RTR Operator:

Thad Hasselstrom

Print Name


Signature

6/25/2013

Date

**CONTAINERID: S850246**

LANL

AK DATA

<u>Container ID</u>	<u>Container Type</u>	<u>AKA Matrix</u>	<u>WDS Status</u>	<u>AK Excluded</u>	<u>WSID</u>	<u>LOTID</u>	<u>LOT Excluded</u>
S850246	55G	LAS850246	NO WDS STATUS	NO	LA-MIN03-NC.001	NONE	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
2LANDA1182	NDA	Complete	2013-06-21
LA-HERTR-13-0075	RTR	Complete	2013-06-20
LA-RTR2-08-0168	RTR	Complete	2008-10-28

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
S850246	NCR-LANL1035080	Closed	Resolved

REJECT DATA

<u>Container ID</u>	<u>BDRID</u>	<u>NCRID</u>	<u>NCR Status</u>	<u>Release Code</u>	<u>Actual Condition</u>
S850246	LA-RTR2-08-0168	NCR-LANL1035080	Closed	Resolved	Liner not vented

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Prohibited Item Dispositioning (PID) of TRU Waste

Prohibited Item Dispositioning (PID) of TRU Waste

Operation Date 6/12/09	For NCR or PWR No. 1035-08
---------------------------	-------------------------------

Waste Container Information

Use NA if information is not applicable

Column I: Waste Container

Type of Container: 55 Gallon
Waste Stream: LA-MIN03-NC.001
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Less than or equal to 0.47 PE-Ci Limit
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Questionable structural integrity
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA Is the parent 85 gallon drum vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the parent 55 gallon drum vented?
Waste Container ID: 5850246
Weight: 356.4
RCRA designation (EPA Codes): F001
RCRA findings: Hazardous
Parent drum RCRA empty? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
RIGID LINER
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner present?
<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> NO If no, what type:
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is rigid liner installed without a lid?
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is liner vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner lid removed and disposed of?
Rigid Liner Integrity: sat
Comments: liner lid cut into 2pc's and placed on waste
BREACHING LAYERS OF CONFINEMENT
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are there any Bags present? If so, many layers of confinement? 0
<input type="checkbox"/> YES <input type="checkbox"/> NO Have all bags been breached? n/a
Comments: 1 Bag already opened

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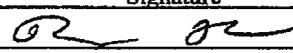
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Prohibited Item Dispositioning (PID) of TRU Waste (continued)

<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are liquids present? Disposition of liquids: Comments:	<p style="text-align: center;">LIQUIDS</p> 0 Gallon liquid 0 cups of absorbent added
FILTER	
Filter number: CS-290 Filter model: nuc Fil 0190S Filter date of manufacture: 3/09 Torque wrench file #: 19256 Torque calibration expiration date: 6/19/09 Torque value: 100 in lbs	
Filter Verification	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter loose? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the filter sitting below the ring? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter hitting the waste? Comments: n/a	
Closure Date and Time: 6/12/09 1227	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO To the best of our knowledge this container is WIPP compliant.	

S 850246

	Printed Name	Signature	Date
Operator	Ben Rodriguez		6/12/09
Operator Lead	Timmy Romero		6/12/09
Shift Operations Supervisor	GARY MANN		6-12-09

CCP Radiography Data Sheet

Section 1: General Information	
<input checked="" type="checkbox"/> RTR Examination <input type="checkbox"/> RTR Replicate Scan <input type="checkbox"/> RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-13-0075
Examination Date:	6/20/2013
Waste Container ID:	S850246
Video/Audio Recorded Media Number:	LA-HERTR-13-0075 C&D
Procedure and Revision No.:	CCP-TP-053 Rev. 13
NCR(s) associated with the container? (e.g., Prohibited Items)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes NCR No.: <u>N/A</u> NCR No.: <u>N/A</u>

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA211
Waste Matrix Code:	S3120
Waste Stream I.D.:	LA-MIN03-NC.001
Waste Container Weights:	Gross Wt.: <u>161.2</u> kg Tare Wt.: <u>34.1</u> kg Net Wt.: <u>127.1</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Type: <input type="checkbox"/> 30-mil <input checked="" type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil Vented: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A Punctured: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Mechanical Vent: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Fiberboard Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lead Lined: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	70 %

CCP Radiography Data Sheet

Waste Container ID: S850246

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Closure ring

AM:

OM:

OI:

C:

R:

XPM: Liner lid (cut in half)

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):Rigid Liner	6.4
Other:	0.0
Total Packaging Weight	34.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	125.6
Soils (S):	
Total WMP Weight:	127.1

CCP Radiography Data Sheet

Waste Container ID: S850246

Section 5: RTR Summary

(Questions answered "Yes" will be explained in the Comment block, except for Question 1)

Is there observable liquid?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes containing explosives or compressed gases?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of PCBs liquids?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CH or RH TRAMPAC

Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there sealed containers GREATER than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there indications of inadequate protection for heavy and/or sharp objects?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments: N/A

RTR Operator:

Thad Hasselstrom		6/20/2013
Print Name	Signature	Date

**CONTAINERID: S850403**

LANL

AK DATA

<u>Container ID</u>	<u>Container Type</u>	<u>AKA Matrix</u>	<u>WDS Status</u>	<u>AK Excluded</u>	<u>WSID</u>	<u>LOTID</u>	<u>LOT Excluded</u>
S850403	55G	LAS850403	NO WDS STATUS	NO	LA-MIN03-NC.001	NONE	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
1LANDA1798	NDA	Complete	2013-06-26
LA-HERTR-13-0076	RTR	Complete	2013-06-25
LA-RTR1-07-0001	RTR	Complete	2007-05-01

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
S850403	NCR-LANL0784070	Open	Resolved

REJECT DATA

<u>Container ID</u>	<u>BDRID</u>	<u>NCRID</u>	<u>NCR Status</u>	<u>Release Code</u>	<u>Actual Condition</u>
S850403	LA-RTR1-07-0001	NCR-LANL0784070	Open	Resolved	S8821623: ~2L NON RESIDUAL LIQUID IN PLASTIC BOTTLES (greater than 1") @ 29" TO 36" S850403: SEALED 90ml LINER W/LID, ~2L NON RESIDUAL LIQUID IN THE WASTE @ 30" S794308: ~1L NON RESIDUAL LIQUID IN-BETWEEN THE WASTE AND THE LINER @ 32" TO 36"

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Prohibited Item Dispositioning (PID) of TRU Waste
Prohibited Item Dispositioning (PID) of TRU Waste

Operation Date 6-12-09	For NCR or PWR No. LAWL-0784-07
---------------------------	------------------------------------

Waste Container Information

Use NA if information is not applicable

Column I: Waste Container

Type of Container: 85 gallon
Waste Stream: LA-MIN03-NC.001
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Less than or equal to 0.47 PE-Ci Limit
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Questionable structural integrity
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NA Is the parent 85 gallon drum vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the parent 55 gallon drum vented?
Waste Container ID: S 850403
Weight: 501.0
RCRA designation (EPA Codes): F001
RCRA findings: Hazardous
Parent drum RCRA empty? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
RIGID LINER
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner present?
<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> NO If no, what type:
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is rigid liner installed without a lid?
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is liner vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner lid removed and disposed of?
Rigid Liner Integrity: S&T
Comments: lid cut into 2 pcs and placed in waste
BREACHING LAYERS OF CONFINEMENT
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are there any Bags present? If so, many layers of confinement? <input checked="" type="checkbox"/>
<input type="checkbox"/> YES <input type="checkbox"/> NO Have all bags been breached? NA
Comments: 1 bag already open

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Prohibited Item Dispositioning (PID) of TRU Waste (continued)

<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are liquids present? Disposition of liquids: Comments:</p>	<p style="text-align: center;">LIQUIDS</p> <p style="text-align: center;">4 Gallons of liquid 10 cups of absorbant</p>
FILTER	
<p>Filter number: CJ 262 Filter model: NucFil 019DS Filter date of manufacture: 3/07 Torque wrench file #: 19256 Torque calibration expiration date: 6-19-09 Torque value: 100 in lbs</p>	
Filter Verification	
<p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter loose? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the filter sitting below the ring? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is the filter hitting the waste? Comments:</p>	
<p>Closure Date and Time: 6-12-09 @ 1739</p>	
<p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO To the best of our knowledge this container is WIPP compliant.</p>	

S 850403

	Printed Name	Signature	Date
Operator	Joe Romero	<i>[Signature]</i>	6/12/09
Operator Lead	Ben Rodriguez	<i>[Signature]</i>	6/12/09
Shift Operations Supervisor	Casey Murray	<i>[Signature]</i>	6-12-09

LAWL 2597
Date 11-98
6616848

CCP Radiography Data Sheet

Section 1: General Information	
<input checked="" type="checkbox"/> RTR Examination <input type="checkbox"/> RTR Replicate Scan <input type="checkbox"/> RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-13-0076
Examination Date:	6/25/2013
Waste Container ID:	S850403
Video/Audio Recorded Media Number:	LA-HERTR-13-0076 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 13
NCR(s) associated with the container? (e.g., Prohibited Items)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes NCR No.: <u>N/A</u> NCR No.: <u>N/A</u>

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA211
Waste Matrix Code:	S3120
Waste Stream I.D.:	LA-MIN03-NC.001
Waste Container Weights:	Gross Wt.: <u>192.0</u> kg Tare Wt.: <u>36.1</u> kg Net Wt.: <u>155.9</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Type: <input type="checkbox"/> 30-mil <input checked="" type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil Vented: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A Punctured: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Mechanical Vent: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Fiberboard Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lead Lined: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	75 %

CCP Radiography Data Sheet

Waste Container ID: S850403

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM:	
AM:	
OM:	
OI:	
C:	
R:	
XPM: Liner lid	
OR:	
IN: Homogeneous solids	
S:	

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag and Rigid Liner	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	154.9
Soils (S):	
Total WMP Weight:	155.9

CCP Radiography Data Sheet

Waste Container ID: S850403

Section 5: RTR Summary

(Questions answered "Yes" will be explained in the Comment block, except for Question 1)

Is there observable liquid?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes containing explosives or compressed gases?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of PCBs liquids?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CH or RH TRAMPAC

Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there sealed containers GREATER than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there indications of inadequate protection for heavy and/or sharp objects?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments: N/A

RTR Operator:

Thad Hasselstrom		6/25/2013
Print Name	Signature	Date

**CONTAINERID: S850538**

LANL

AK DATA

<u>Container ID</u>	<u>Container Type</u>	<u>AKA Matrix</u>	<u>WDS Status</u>	<u>AK Excluded</u>	<u>WSID</u>	<u>LOTID</u>	<u>LOT Excluded</u>
S850538	55G	LAS850538	NO WDS STATUS	NO	LA-MIN03-NC.001	NONE	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
2LANDA0488	NDA	Complete	2009-10-09
LA-RTR2-07-0267	RTR	Complete	2007-07-24
LA-RTR2-09-0138	RTR	Complete	2009-09-29

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
S850538	NCR-LANL0914070	Closed	Resolved

REJECT DATA

<u>Container ID</u>	<u>BDRID</u>	<u>NCRID</u>	<u>NCR Status</u>	<u>Release Code</u>	<u>Actual Condition</u>
S850538	LA-RTR2-07-0267	NCR-LANL0914070	Closed	Resolved	S846028: Sealed container greater than 4LS850546: Liner not ventedS823209: Sealed container greater than 4LS823133: Sealed container greater than 4LS881199: Liner not ventedS850319: Liner not ventedS834431: ~150ml non-residual liquid in plastic container @14"S832596: Sealed container greater than 4LS832602: Sealed container greater than 4LS845056: Sealed container greater than 4LS850538: Liner not vented

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Prohibited Item Dispositioning (PID) of TRU Waste

Prohibited Item Dispositioning (PID) of TRU Waste

Operation Date 3/3/09	For NCR or PWR No. LANL-0914-07
--------------------------	------------------------------------

Waste Container Information

Use NA if information is not applicable

Verified no other waste container are open prior to opening container (TSR Requirement)
Operator Initials: PQ

Column I: Waste Container

Type of Container: 55 Gallon

Waste Stream: LA-MIN03-NC.001

YES NO Less than or equal to 0.47 PE-C Limit

YES NO Questionable structural integrity

YES NO NA Is the parent 85 gallon drum vented?

YES NO Is the parent 55 gallon drum vented?

Waste Container ID: S850538

Weight: 387

RCRA designation (EPA Codes): F001

RCRA findings: Hazardous

Parent drum RCRA empty? YES NO

RIGID LINER

YES NO Is rigid liner present?

Plastic NO If no, what type:

YES NO Is rigid liner installed without a lid?

YES NO Is liner vented?

YES NO Is rigid liner lid removed and disposed of?

Rigid Liner Integrity: SAT

Comments: Liner lid cut into 2 pcs and placed on waste

BREACHING LAYERS OF CONFINEMENT

YES NO Are there any Lags present? If so, many layers of confinement? \emptyset

YES NO Have all bags been breached? N/A

Comments: 1 bag already open

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Prohibited Item Dispositioning (PID) of TRU Waste (continued)

LIQUIDS

YES NO Are liquids present?

Disposition of liquids:

Comments: N/A

FILTER

Filter number: 11-977

Filter model: NuCF:1 019DS

Filter date of manufacture: 9/08

Torque wrench file #: 19256

Torque calibration expiration date: 6/19/09

Torque value: 100 in/lbs

Filter Verification

YES NO Is the filter loose?

YES NO Is the filter sitting below the ring?

YES NO Is the filter hitting the waste?

Comments: N/A

Closure Date and Time: 3/3/09 0946

YES NO To the best of our knowledge this container is WIPP compliant.

5850538

	Printed Name	Signature	Date
Operator	Philip Quintana	<i>Philip Quintana</i>	3/3/09
Operator Lead	Manuel Lopez	<i>Manuel Lopez</i>	3/3/09
Shift Operations Supervisor	Oran Sanchez	<i>Oran Sanchez</i>	3/3/09

Attachment 2 – CCP Radiography Data Sheet

Section 1: General Information	
<input checked="" type="checkbox"/> RTR Examination <input type="checkbox"/> RTR Replicate Scan <input type="checkbox"/> RTR Independent Observation	
Site ID and Location:	LANL
Batch Number:	LA-RTR2-09-0138
Examination Date:	09/29/09
Waste Container ID:	S850538
Video/Audio Recorded Media Number:	LA-RTR2-09-0138 A
Procedure and Revision No.:	CCP-TP-053 Rev. 6
NCR(s) associated with the container? (e.g., Prohibited Items)	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES NCR No.: _____ N/A NCR No.: _____ N/A

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA211
Waste Matrix Code:	S3120
Waste Stream I.D.:	LA-MIN03-NC.001
Waste Container Weights:	Gross Wt: _____ 175.0 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 140.9 _____ kg.
Rigid Liner and Liner Vent Description: (e.g., "90 mil liner – NO Lid" or "NO Liner")	90mil Liner - No Liner Lid
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	_____ 70 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

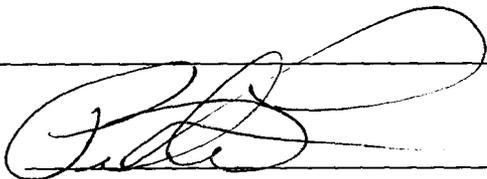
Waste Container ID: S850538

Section 3: Container Inventory and Comments (Detailed descriptions)
Metal closure ring
Cut up liner lid, plastic bag
Solidified material(sludge)

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
Total Packaging Weight:	34.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	137.9
Soils (S):	
Total WMP Weight:	140.9

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: S850538

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)	Yes	No	N/A
Is there liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any liquid in the waste, including internal containers, that DOES NOT meet the criteria of residual (waste shall contain as little residual liquid as is reasonably achievable by pouring, pumping and/or aspirating, and internal containers shall contain less than 1 inch or 2.5 centimeters of liquid in the bottom of the container)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the total volume of liquid in the container GREATER than 1% of the container?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is there detectable liquid in payload containers with an EPA Hazardous Waste Number of U134?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there an indication of wastes containing explosives or compressed gases?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there an indication of polychlorinated biphenyls (PCBs) not authorized under an EPA PCB waste disposal authorization?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
TRUPACT II Criteria			
Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there sealed containers GREATER than 4 liters?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Comments: N/A			
RTR Operator:			
<u>Pete Lucchini</u>			<u>09/29/09</u>
Print Name	Signature		Date

**CONTAINERID: S870658**

LANL

AK DATA

<u>Container ID</u>	<u>Container Type</u>	<u>AKA Matrix</u>	<u>WDS Status</u>	<u>AK Excluded</u>	<u>WSID</u>	<u>LOTID</u>	<u>LOT Excluded</u>
S870658	55G	LAS870658	NO WDS STATUS	NO	LA-MIN03-NC.001	NONE	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
1LANDA1798	NDA	Complete	2013-06-26
LA-HERTR-13-0076	RTR	Complete	2013-06-25
LA-RTR2-04-0007	RTR	Complete	2004-05-17
LA-RTR2-09-0040	RTR	Complete	2009-05-21

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
S870658	NCR-LANL0642090	Closed	Resolved
S870658	NCR-LANL0643090	Closed	Resolved
S870658	NCR-LANL0714040	Closed	Resolved

REJECT DATA

<u>Container ID</u>	<u>BDRID</u>	<u>NCRID</u>	<u>NCR Status</u>	<u>Release Code</u>	<u>Actual Condition</u>
S870658	LA-RTR2-04-0007	NCR-LANL0714040	Closed	Resolved	Liquid in plastic liner greater than 1%/ greater than 2 L of liquid
S870658	LA-RTR2-09-0040	NCR-LANL0642090	Closed	Resolved	Liner not vented
S870658	LA-RTR2-09-0040	NCR-LANL0643090	Closed	Resolved	~20L non residual liquid at top of waste @ 6" to 11", greater than 1% container volume

Prohibited Item Dispositioning
In Dome 231 PermaCon

Document No.: EP-DOP-2108
Revision: 3
Effective Date: 5/7/09
Page: 48 of 53

Reference

Attachment 2

Page 1 of 2

Prohibited Item Dispositioning (PID) of TRU Waste

Prohibited Item Dispositioning (PID) of TRU Waste

Operation Date	6-12-09	For NCR or PWR No.	LANL 0642-09 0643-09
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Waste Container Information

Use NA if information is not applicable

IPC-1

Column I: Waste Container
Type of Container: 55 GALLON
Waste Stream: LA-MIN03-NC.001
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Less than or equal to 0.47 PE-Ci Limit
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Questionable structural integrity
<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA Is the parent 85 gallon drum vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is the parent 55 gallon-drum vented?
Waste Container ID: 5870658
Weight: 473.8
RCRA designation (EPA Codes): F001
RCRA findings: HAZARDOUS
Parent drum RCRA empty? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
RIGID LINER
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner present?
<input checked="" type="checkbox"/> Plastic <input type="checkbox"/> NO If no, what type:
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Is rigid liner installed without a lid?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is liner vented?
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Is rigid liner lid removed and disposed of?
Rigid Liner Integrity: SAT
Comments: Liner Lid vented per H-GAS. Liner Lid cut into 2 PCS and placed on waste.
BREACHING LAYERS OF CONFINEMENT
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Are there any Bags present? If so, many layers of confinement? 0
<input type="checkbox"/> YES <input type="checkbox"/> NO Have all bags been breached? N/A
Comments: 1 Bag Already Open.

**Prohibited Item Dispositioning
In Dome 231 PermaCon**

Document No.: EP-DOP-2108
Revision: 2
Effective Date: 1/05/09
Page: 49 of 53

Reference

Attachment 2

Page 2 of 2

Prohibited Item Dispositioning (PID) of TRU Waste (continued)

LIQUIDS

YES NO Are liquids present?

Disposition of liquids:

Comments:

5 Gallons of Liquid
20 Cups of Absorbant

FILTER

Filter number:

Filter model:

Filter date of manufacture:

Torque wrench file #:

Torque calibration expiration date:

Torque value:

Filter Verification

YES NO Is the filter loose?

YES NO Is the filter sitting below the ring?

YES NO Is the filter hitting the waste?

Comments: .

Closure Date and Time:

6-12-09

1833

YES NO To the best of our knowledge this container is WIPP compliant.

S 870658

	Printed Name	Signature	Date
Operator	MARK J Romero	Mark J Romero	6-12-09
Operator Lead	Joe Romero	Joe Romero	6-12-09
Shift Operations Supervisor	GARY MALLY	Gary Mally	6-12-09

CCP Radiography Data Sheet

Section 1: General Information	
<input checked="" type="checkbox"/> RTR Examination <input type="checkbox"/> RTR Replicate Scan <input type="checkbox"/> RTR Independent Observation	
Site ID:	LANL
Batch Number:	LA-HERTR-13-0076
Examination Date:	6/25/2013
Waste Container ID:	S870658
Video/Audio Recorded Media Number:	LA-HERTR-13-0076 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 13
NCR(s) associated with the container? (e.g., Prohibited Items)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes NCR No.: <u>N/A</u> NCR No.: <u>N/A</u>

Section 2: Waste Container Data	
Container Type:	55 Gallon Drum
TRUCON Code:	LA211
Waste Matrix Code:	S3120
Waste Stream I.D.:	LA-MIN03-NC.001
Waste Container Weights:	Gross Wt.: <u>221.5</u> kg Tare Wt.: <u>36.1</u> kg Net Wt.: <u>185.4</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Type: <input type="checkbox"/> 30-mil <input checked="" type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil Vented: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A Punctured: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Mechanical Vent: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Fiberboard Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lead Lined: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Layers of Confinement:	Appears to be 0 layers
Volume Utilization Percentage:	90 %

CCP Radiography Data Sheet

Waste Container ID: S870658

Section 3: Container Inventory and Comments (Detailed descriptions)

IM: Closure ring

AM:

OM:

OI:

C:

R:

XPM: Liner lid

OR:

IN: Homogeneous solids

S:

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP): Plastic Liner Bag and Rigid Liner	8.4
Other:	0.0
Total Packaging Weight	36.1
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	183.9
Soils (S):	
Total WMP Weight:	185.4

CCP Radiography Data Sheet

Waste Container ID: S870658

Section 5: RTR Summary

(Questions answered "Yes" will be explained in the Comment block, except for Question 1)

Is there observable liquid?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the total volume of observable liquid in the outermost container GREATER than 1% of the container?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there observable liquid in payload containers with an EPA Hazardous Waste Number of U134?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of non-radionuclide pyrophoric materials, such as elemental potassium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of hazardous wastes not occurring as co-contaminants with TRU mixed wastes (non-mixed hazardous wastes)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes incompatible with backfill, seal and panel closures materials, container and packaging materials, shipping container materials, or other wastes (i.e., waste does NOT match TRUCON Code[s])?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of wastes containing explosives or compressed gases?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of PCBs liquids?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there an indication of the waste exhibiting the characteristic of ignitability, corrosivity, or reactivity (EPA Hazardous Waste Numbers of D001, D002, or D003)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the physical form of the waste inconsistent with the Waste Stream Description or the Waste Matrix Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

CH or RH TRAMPAC

Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there sealed containers GREATER than 4 liters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are there indications of inadequate protection for heavy and/or sharp objects?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments: N/A

RTR Operator:

Thad Hasselstrom

Print Name



Signature

6/25/2013

Date