



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

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MAY 12 2014

MAY - 8 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 (Lot 91)

Dear Mr. Kieling:

In accordance with the Stipulated Final Order, No. HWB 09-31 Compliance Order (CO) Los Alamos National Laboratory (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 written for prohibited liquid have been dispositioned appropriately by the Central Characterization Program.

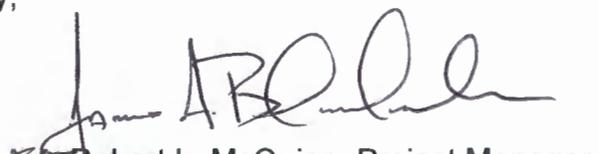
Enclosed is a compact disk (CD) containing the required documents for five (5) containers (Lot 91) from waste stream LA-MIN03-NC.001. Each container listed has its Real-Time Radiography (RTR) Batch Data Report, Nonconformance Report (NCR) disposition information, and Prohibited Item Disposition (PID) form. The PID form identifies parent container and the daughter containers if a daughter container has been produced. These daughter containers passed RTR and do not have NCRs. The PID does identify that the daughter containers have been remediated for liquids.

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


Robert L. McQuinn, Project Manager
Nuclear Waste Partnership LLC

Enclosure



Mr. John E. Kieling

-2-

MAY - 8 2011

cc: w/enclosure

S. Holmes, NMED

*ED

T. Kliphuis, NMED

ED

R. Maestas, NMED

ED

C. Smith, NMED

ED

CBFO M&RC

*ED denotes electronic distribution

LA-MIN03-NC.001 Lot 91 Containers	
Container	RTR BDR
68774	LA-HERTR-14-0015
68779	LA-RTR2-14-0017
68916	LA-RTR2-14-0018
69342	LA-HERTR-14-0030
86669	LA-RTR2-14-0025

CCP Radiography Data Sheet

Waste Container ID: 68774

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM: Metal hardware	
AM:	
OM:	
OI:	
C: Leather gloves	
R:	
XPM: Plastic sheeting, 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): Rigid 90 mil Liner	6.4
Other:	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):	2.0
Rubber (R):	
Plastics (waste materials) (XPM):	3.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	138.4
Soils (S):	
Total WMP Weight:	144.4

CCP Radiography Data Sheet

Waste Container ID: 68774

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: After reviewing the recording I determined that the lid is a part of the waste and not the packaging and this attachment 2 reflects the correct data.

RTR Operator:

Eddie Rios
Print Name


Signature

2/4/2014
Date

ATTACHMENT 1

Page 1 of 3

TA-54 AREA G LINED SLUDGE DRUM REMEDIATION CHECKLIST

CS

IPC-2

5.[6] Parent Drum No.: 5834958

4.3[8][A] (\$) Total volume of flammable liquids within the SSSR AREA boundaries for operation and maintenance activities is ≤ 7 gal: [LCO 3.3.1(1a)] SAT UNSAT

4.3[8][B] (*) Following requirements are satisfied: (NCS-CSLA-11-043 and NCS-CSLA-13-049)

- Drums are 55 gal or larger for remediation SAT UNSAT
- Each drum is ≤ 200 FGE SAT UNSAT
- Total FGE value of drums to be placed in a daughter SWB is less than or equal 325 FGE (Section 6 only) SAT UNSAT N/A

5.[3] (\$) STATIONARY FIRE WATCH established. (SAC 5.7.17) JW/2872201 1-28-14
Initials/Z# Date

5.[7] Remediation start date: 1-28-14

5.[8] RCRA designation (EPA Codes): D007, D008, D009, F001

5.[21] Rigid liner condition (e.g., warped, cracked, or breaks): SAT

5.[22] Rigid liner can be rigged: YES NO

5.[24][F] Liquid (top of drum) pH: N/A

5.[25] Rigid liner contains an internal poly-liner: YES NO

5.[29] Torque wrench information:
 MT&E No: 021151
 Cal. Expiration Date: 8-5-14
 Range in ft-lb: 10-80
 Tolerance: ± 3% cw / ± 6% ccw

5.[30] Torque value for the torque wrench is within the calibrated range: YES NO

ATTACHMENT 1
Page 2 of 3

5.[6] Parent Drum No.: 5834958

5.[32] Lifting device fasteners torque value (≥ 12-ft-lb): 12 ft-lb

7.[7] (\$) SAC 5.7.12 non-compliant containers are present:
(SAC 5.7.12) YES NO N/A

7.[10] Containerized liquids present: YES NO N/A

7.[12][D]/[E] Containerized liquid: N/A

Liquid Volume/Unit	8 oz	14 oz	14 oz	14 oz
Liquid pH	13	7	7	7

5.[61] Daughter Drum No.: N/A

5.[62] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

5.[68][C] Secondary daughter drum No.: LAC0000068775

5.[69] Liquid pH: N/A

5.[72] Total amount of liquid found: N/A gal

5.[73] Amount of absorbent used: N/A lb

5.[79] (\$) STATIONARY FIRE WATCH secured. (SAC 5.7.17) N/A
HW/287220 1-28-14
Initials/Z# Date

CS

5.[81] (*) TRU WASTE CONTAINER batch and associated absorbed liquid removed from the SSSR process area: (NCS-CSLA-11-043 and NCS-CSLA-13-049)
 SAT UNSAT

UET

ATTACHMENT 1

Page 2 of 3

5.[6] Parent Drum No.: 5834958

5.[32] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

7.[7] (\$) SAC 5.7.12 non-compliant containers are present:
 (SAC 5.7.12) YES NO N/A

7.[10] Containerized liquids present: YES NO N/A

7.[12][D]/[E] Containerized liquid: N/A

Liquid Volume/Unit	14 oz	14 oz	14 oz	8 oz
Liquid pH	7	7	7	7

5.[61] Daughter Drum No.: N/A

5.[62] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

5.[68][C] Secondary daughter drum No.: N/A

5.[69] Liquid pH: N/A

5.[72] Total amount of liquid found: N/A gal

5.[73] Amount of absorbent used: N/A lb

5.[79] (\$) STATIONARY FIRE WATCH secured. (SAC 5.7.17) N/A
N/A / N/A
 Initials/Z# Date

CS

5.[81] (*) TRU WASTE CONTAINER batch and associated absorbed liquid removed from the SSSR process area: (NCS-CSLA-11-043 and NCS-CSLA-13-049)

SAT UNSAT

ATTACHMENT 1
 Page 2 of 3

5.[6] Parent Drum No.: 5834958

5.[32] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

7.[7] (\$) SAC 5.7.12 non-compliant containers are present:
 (SAC 5.7.12) YES NO N/A

7.[10] Containerized liquids present: YES NO N/A

7.[12][D]/[E] Containerized liquid: N/A

Liquid Volume/Unit	8 oz			
Liquid pH	7			

5.[61] Daughter Drum No.: N/A

5.[62] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

5.[68][C] Secondary daughter drum No.: N/A

5.[69] Liquid pH: N/A

5.[72] Total amount of liquid found: N/A gal

5.[73] Amount of absorbent used: N/A lb

5.[79] (\$) STATIONARY FIRE WATCH secured. (SAC 5.7.17) N/A
N/A / N/A
 Initials/Z# Date

CS

5.[81] (*) TRU WASTE CONTAINER batch and associated absorbed liquid removed from the SSSR process area: (NCS-CSLA-11-043 and NCS-CSLA-13-049)
 SAT UNSAT

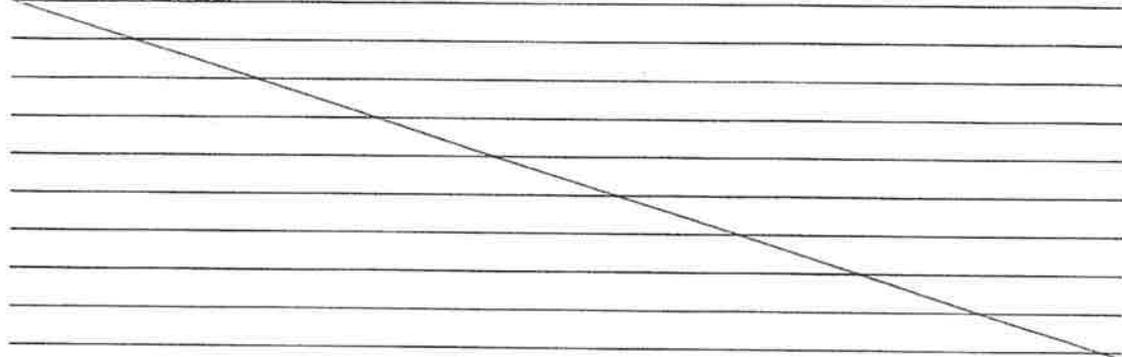
UET

ATTACHMENT 1

Page 3 of 3

5.[6] Parent Drum No.: 5834958

Comments: Liner was previously drilled and drained. Liner unable to retain liquid. Hole drilled in liner near bottom of drum. First daughter ~~# LA000000688~~ ¹⁻²⁸⁻¹⁴ # LA00000068774 received rigid liner. Second daughter # LA00000068775 received waste from parent. 3/4 gallon of total liquid remediated.



9.1[1] Performed By: Heath Wade Heath Wade 12872201 1-28-14
Operator (Print) Signature Z# Date

9.1[2] Reviewed By: Jeri R. Casser Jeri R. Casser 234252 1-28-14
Supervision (Print) Signature Z# Date

9.1[3][B] Acceptance criteria satisfied: YES NO

9.1[3][E] Approved By: Robert V. Jandac Robert V. Jandac 1224930 1-22-14
SOM or designee (print) Signature Z# Date/Time
1P22



CONTAINERID: 68774

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>
68774	55G	L-A00000068774	NO WDS STATUS	NO		L-A-MIN03-NC.001-Lot 91 (L-A-MIN03-NC.001 -Lot 91)	

L-A-MIN03-NC.001

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
1LANDA1927	NDA	Complete	2014-03-13
1LANDA1929	NDA	Complete	2014-03-21
2LANDA1276	NDA	Complete	2014-03-25
LA-HERTR-14- RTR 0015		Complete	2014-02-04

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
68774	NCR-LANL0515140	Open	Resolved
68774	NCR-LANL0520140	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>
68774	1LANDA1927	NCR-LANL0515140	Open	Resolved	Assay is indeterminate. Cannot verify that container meets WIPP TRU waste criteria.
68774	1LANDA1929	NCR-LANL0520140	Closed	Resolved	Drum measures less than 100nCi/g TRU Alpha Activity Concentration.

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2

Page 1 of 3

Scan 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-RTR2-14-0017
Examination Date:	2/7/2014
Waste Container ID:	68779
Video/Audio Recorded Media Number:	LA-RTR2-14-0017 A&B
Procedure and Revision No.:	CCP-TP-053 ^{7JA} 4-10-14 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	<input checked="" type="checkbox"/> No ^{7JA} <input checked="" type="checkbox"/> Yes ^{7JA 4-10-14} NCR No.: N/A <u>NCR-LANL-0603-14 7JA 4-10-14</u> NCR No.: <u>N/A</u>

Scan Information	
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>170.5</u> kg
	Tare Wt.: <u>36.1</u> kg
	Net Wt.: <u>134.4</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 1 layer
Volume Utilization Percentage:	90 %

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-RTR2-14-0017
Examination Date:	2/7/2014
Waste Container ID:	68779
Video/Audio Recorded Media Number:	LA-RTR2-14-0017 A&B
Procedure and Revision No.:	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.: 170.5 kg Tare Wt.: 36.1 kg Net Wt.: 134.4 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:	90 %

16A
CS 4/1/14

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Page 2 of 3

Waste Container ID: 68779

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM: Hardware, closure ring	
AM:	
OM:	
OI:	
C:	
R:	
XPM: Liner bottom, plastic containers, 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):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	130.9
Soils (S):	
Total WMP Weight:	134.4

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Page 3 of 3

Waste Container ID: 68779

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
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: <i>N/A DID NOT SAY HANDWRAN ON THE RECORDING. 7/14 2-11-14</i> <i>NCR-LAW-0603-14 7/14 4-10-14</i>	
RTR Operator:	<i>Thad Hasselstrom</i> 4-10-14
	<i>Thad Hasselstrom</i> 2-11-14
<u>Thad Hasselstrom</u>	<u>2/7/2014</u>
Print Name	Date
<u><i>Thad Hasselstrom</i></u>	<u><i>Thad Hasselstrom</i></u>
Signature	Date

CCP Radiography Data Sheet

Waste Container ID: 68779

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are there indications of inadequate protection for heavy and/or sharp objects?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Comments: ~~N/A~~ DID NOT SAY HARDWARE ON THE RECORDING. 754 2-11-14

CS 4/11/14

RTR Operator:	<i>Thad Hasselstrom</i>	2-11-14
<u>Thad Hasselstrom</u>	<u><i>Thad Hasselstrom</i></u>	2/7/2014
Print Name	Signature	Date

18A
CS 4/11/14

ATTACHMENT 1

Page 1 of 3

TA-54 AREA G LINED SLUDGE DRUM REMEDIATION CHECKLIST

CS

IPC-2

- 5.[6] Parent Drum No.: 5841398

- 4.3[8][A] (\$) Total volume of flammable liquids within the SSSR AREA boundaries for operation and maintenance activities is ≤ 7 gal: [LCO 3.3.1(1a)] SAT UNSAT

- 4.3[8][B] (*) Following requirements are satisfied: (NCS-CSLA-11-043 and NCS-CSLA-13-049)
 - Drums are 55 gal or larger for remediation SAT UNSAT
 - Each drum is ≤ 200 FGE SAT UNSAT
 - Total FGE value of drums to be placed in a daughter SWB is less than or equal 325 FGE (Section 6 only) SAT UNSAT N/A

- 5.[3] (\$) STATIONARY FIRE WATCH established. (SAC 5.7.17) HW/287220/1-27-14

Initials/Z# Date
- 5.[7] Remediation start date: 1-27-14
- 5.[8] RCRA designation (EPA Codes): D007, D008, D009, F001
- 5.[21] Rigid liner condition (e.g., warped, cracked, or breaks): SAT

- 5.[22] Rigid liner can be rigged: YES NO
- 5.[24[F] Liquid (top of drum) pH: N/A
- 5.[25] Rigid liner contains an internal poly-liner: YES NO
- 5.[29] Torque wrench information:
 - MT&E No: 021151
 - Cal. Expiration Date: 8-5-14
 - Range in ft-lb: 10-80
 - Tolerance: $\pm 3\%$ cal / $\pm 6\%$ cal
- 5.[30] Torque value for the torque wrench is within the calibrated range: YES NO

ATTACHMENT 1

Page 2 of 3

5.[6] Parent Drum No.: 5841398

5.[32] Lifting device fasteners torque value (≥ 12-ft-lb): 12 ft-lb

7.[7] (\$) SAC 5.7.12 non-compliant containers are present:
(SAC 5.7.12) YES NO N/A

7.[10] Containerized liquids present: YES NO N/A

7.[12][D]/[E] Containerized liquid: N/A

Liquid Volume/Unit	<u>1/4 Pint</u>			
Liquid pH	<u>9</u>			

5.[61] Daughter Drum No.: N/A

5.[62] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

5.[68][C] Secondary daughter drum No.: N/A

5.[69] Liquid pH: N/A

5.[72] Total amount of liquid found: 1/4 pint gal

5.[73] Amount of absorbent used: 1/2 lb

5.[79] (\$) STATIONARY FIRE WATCH secured. (SAC 5.7.17) N/A
HW/287220 11-27-14
Initials/Z# Date

(CS) 5.[81] (*) TRU WASTE CONTAINER batch and associated absorbed liquid removed from the SSSR process area: (NCS-CSLA-11-043 and NCS-CSLA-13-049)
 SAT UNSAT

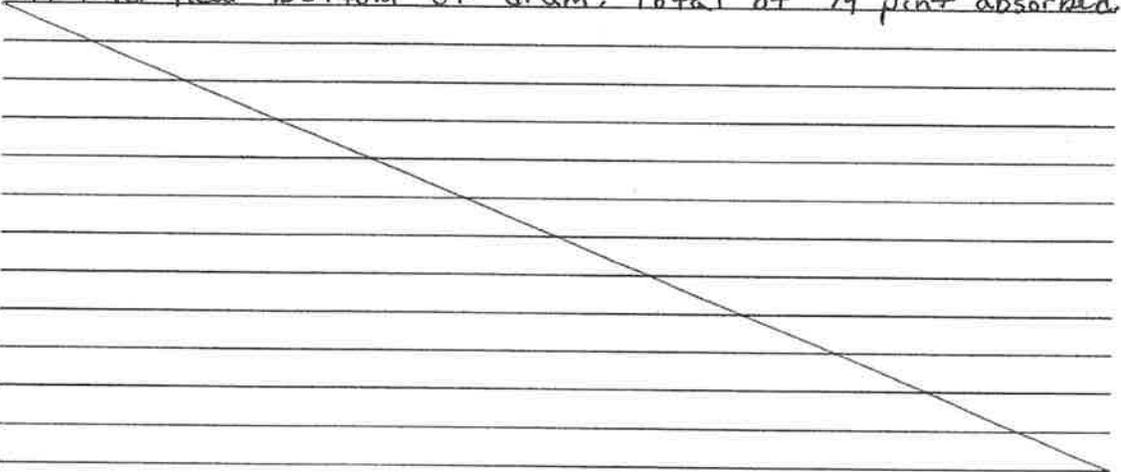
UET

ATTACHMENT 1

Page 3 of 3

5.[6] Parent Drum No.: 5841398

Comments: Daughter # LA00000068779 - Drill and drained
performed on liner. No free liquid found. Hole drilled
in liner near bottom of drum. Total of 1/4 pint absorbed.



9.1[1] Performed By: Heath Wade 1 Heath Wade 1287220 11-27-14
Operator (Print) Signature Z# Date

9.1[2] Reviewed By: Jon R Cassel 1 Jon R Cassel 234252 11-27-14
Supervision (Print) Signature Z# Date

9.1[3][B] Acceptance criteria satisfied: YES NO

9.1[3][E] Approved By: Pat OGrady 1 Pat OGrady 1151358 1-27-14/1720
SOM or designee (print) Signature Z# Date/Time



CONTAINERID: 68779
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>
68779	55G	LA00000068779	NO WDS STATUS	NO		L A-MIN03-NC.001-Lot 91 (LA-MIN03-NC.001 -Lot 91)	
					L A-MIN03-NC.001		

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
1LANDA1908	NDA	Complete	2014-02-11
2LANDA1273	NDA	Complete	2014-03-18
LA-RTR2-14-0017	RTR	Complete	2014-02-07

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
68779	NCR-LANL0336140	Closed	Resolved
68779	NCR-LANL0603140	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>
68779	1LANDA1908	NCR-LANL0336140	Closed	Resolved	Drums measure less than 100nCi/g TRU Alpha Activity Concentration.

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 <i>RTR 2 KKS 2-17-14</i>
Batch Number:	LA-RTR-14-0018 <i>R.R. 2-17-14</i>
Examination Date:	2/12/2014
Waste Container ID:	68916
Video/Audio Recorded Media Number:	<i>RTR 2 KKS 2-17-14</i> LA-RTR-14-0018 A&B <i>R.R. 2-17-14</i>
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 checked="" type="checkbox"/> Yes <i>E.R. 2-17-14 KKS 2-17-14 R.R. 2-17-14</i> NCR No.: <i>N/A</i> <i>NCR-LANL-0116-14</i> <i>E.R. 2-17-14 KKS 2-17-14</i> 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>72.0</u> kg Tare Wt.: <u>27.7</u> kg Net Wt.: <u>44.3</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Type: <input type="checkbox"/> 30-mil <input type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil Vented: <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" 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:	65 %

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Page 2 of 3

Waste Container ID: 68916

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM: Scrap metal	
AM:	
OM:	
OI:	
C:	
R:	
XPM: Plastic sheeting, cut up 90 mil liner, 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):	0.0
Other:	0.0
Total Packaging Weight	27.7
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI)	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	8.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	36.2
Soils (S):	
Total WMP Weight:	44.3

CCP Radiography Data Sheet

Waste Container ID: 68916

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: SME/OJT Kenneth Simpson monitoring operator Eddie Rios at the controls to evaluate proficiency and provide training/mentoring as required.

*NCR-LANC-0116-17 E.R. 2-17-14
K.S. 2-17-14*

2-27-14

RTR Operator:

Eddie Rios

Print Name

Kenneth Simpson

Eddie Rios
Eddie Rios

Signature *Kenneth Simpson*

2/12/2014

Date *2-17-14*

2/12/14

ATTACHMENT 1

Page 1 of 3

TA-54 AREA G LINED SLUDGE DRUM REMEDIATION CHECKLIST

5.[6] Parent Drum No.: 5807041

4.3[8][A] (\$) Total volume of flammable liquids within the SSSR AREA boundaries for operation and maintenance activities is ≤ 7 gal: [LCO 3.3.1(1a)] SAT UNSAT

CS 4.3[8][B] (*) Following requirements are satisfied: (NCS-CSLA-11-043 and NCS-CSLA-13-049)

- Drums are 55 gal or larger for remediation SAT UNSAT
- Each drum is ≤ 200 FGE SAT UNSAT
- Total FGE value of drums to be placed in a daughter SWB is ≤ 325 FGE (Section 6 only) SAT UNSAT N/A

5.[2] (\$) STATIONARY FIRE WATCH established. (SAC 5.7.17) ^{RC 234252 2-7-14}
N 18700 / 12-7-14
Initials/Z# Date

5.[7] Remediation start date: 2-7-14
Parent Drum Weight (lb): 465.69 lb

5.[8] RCRA designation (EPA Codes): 0007 0008 0009 Foo1

5.[21] Rigid liner condition (e.g., warped, cracked, or breaks): SAT

5.[22] Rigid liner can be rigged: YES NO

5.[24[F] Liquid (top of drum) pH: 6

5.[25] Rigid liner contains an internal poly-liner: YES NO

5.[29] Torque wrench information:
MT&E No: 101416
Cal. Expiration Date: 01-06-15
Range in ft-lb: 40-200
Tolerance: ±3% CW ±6% CCW

UET

ATTACHMENT 1

Page 2 of 3

5.[6] Parent Drum No.: 5807041

5.[30] Torque value for the torque wrench is within the calibrated range:
 YES NO

5.[32] Lifting device fasteners torque value (≥ 12-ft-lb): 12 ft-lb

7.[3][D][a] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

7.[7] (\$) SAC 5.7.12 non-compliant containers are present:
 (SAC 5.7.12) YES NO N/A

7.[10] Containerized liquids present: YES NO N/A

7.[12][D][E] Containerized liquid: N/A

Liquid Volume/Unit	4.2	 	N/A	
Liquid pH	13	 	 	

5.[63]/7.[4][F] Daughter Drum No.: LA000600 68915 N/A

5.[64] Lifting device fasteners torque value (≥ 12-ft-lb): N/A ft-lb

5.[70][C] Secondary daughter drum No.: LA000000 68916

5.[71] Liquid pH: 6

5.[74] Total amount of liquid found: 1.5 gal

5.[75] Amount of absorbent used: 2 lb

5.[82] (\$) STATIONARY FIRE WATCH secured. (SAC 5.7.17) N/A 2-7-14
 Initials/Z# R 187001 / Date 2-7-14

CS

5.[84] (*) TRU WASTE CONTAINER batch and associated absorbed liquid removed from the SSSR process area: (NCS-CSLA-11-043 and NCS-CSLA-13-049)
 SAT UNSAT

UET

ATTACHMENT 1

Page 3 of 3

5.[6] Parent Drum No.: 5807041

Comments: 6 Holes Drilled in Rigid Liner all Liquid Suctioned and Absorbed. Container Filled and Remediated Liquid Absorbed and Flag Placed in container. Liner can no longer retain Liquid. Rigid Liner and contents placed into Daughter # LA00000068915. Absorbed Liquid, excess waste, and Rad Trans# associated with process placed into Secondary Daughter # LA00000068916.

9.1[1] Performed By: Jan R Cassie Jan R Cassie 234252 2-7-14
 Operator (Print) Ryan Wells [Signature] 118700112-7-14
 Signature Z# Date

9.1[2] Reviewed By: Jan R Cassie Jan R Cassie 234252 12-7-14
 Supervision (Print) [Signature] [Signature] Z# Date

9.1[3][B] Acceptance criteria satisfied: YES NO

9.1[3][E] Approved By: Pat OGrady Pat OGrady 11512581 2-8-14
 SOM or designee (print) [Signature] [Signature] Z# Date/Time



CONTAINERID: 68916
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>LOIID</u>	<u>LOT Excluded</u>
68916	55G	L.A00000068916	NO WDS STATUS	NO		L.A-MIN03-NC.001 91 (L.A-MIN03-NC.001 -Lot 91)	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
2LANDA1276	NDA	Complete	2014-03-25
4LANDA0055	NDA	Complete	2014-02-19
LA-RTR2-14-0018	RTR	Complete	2014-02-12

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
68916	NCR-LANL0116140	Closed	Resolved
68916	NCR-LANL0343140	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>
68916	4LANDA0055	NCR-LANL0343140	Closed	Resolved	

Assay is indeterminate. Cannot verify that container meets WIPP TRU waste criteria.

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-14-0030
Examination Date:	3/6/2014
Waste Container ID:	69342
Video/Audio Recorded Media Number:	LA-HERTR-14-0030 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes NCR No.: <u>NCR-LANL-0548-14</u> <i>R. 1</i> ^{ms} <i>03/13/14</i> 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>122.0</u> kg
	Tare Wt.: <u>33.4</u> kg
	Net Wt.: <u>88.6</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
	Type: <input type="checkbox"/> 30-mil <input type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil
	Vented: <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes
	Lead Lined: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

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-14-0030
Examination Date:	3/6/2014
Waste Container ID:	69342
Video/Audio Recorded Media Number:	LA-HERTR-14-0030 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes NCR No.: <u>NCR-LANL-0548-14</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>122.0</u> kg
	Tare Wt.: <u>33.4</u> kg
	Net Wt.: <u>88.6</u> kg
Rigid Liner and Liner Vent Description:	Liner: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Lid: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
	Type: <input type="checkbox"/> 30-mil <input type="checkbox"/> 90-mil <input type="checkbox"/> 110-mil <input type="checkbox"/> 125-mil
	Vented: <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes
	Lead Lined: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Layers of Confinement:	Appears to be 2 layers
Volume Utilization Percentage:	65 %

Supersated
 3-17-14

16A
 3-17-14

Waste Container ID: 69342

Section 3: Container Inventory and Comments		(Detailed descriptions)
IM:		
AM:		
OM:		
OI:		
C:	Leather gloves	
R:		
XPM:	Plastic bags, plastic containers	
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	2.0
Other: Fiberboard (CP)	3.7
Total Packaging Weight	33.4
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):	0.2
Rubber (R):	
Plastics (waste materials) (XPM):	6.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	82.4
Soils (S):	
Total WMP Weight:	88.6

Waste Container ID: 69342

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 checked="" type="checkbox"/> Yes <input 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: NCR-LANL-0548-14

RTR Operator: Michael Simmons  3/6/2014
 Print Name Signature Date

Superseded
 3-14-17

3-17-14
 18A

UET

ATTACHMENT 1

Page 1 of 4

WCRRF WCG WASTE PROCESSING DATA SHEET

- 4.1[6][B] Parent Waste Container No.: 5803967
- 6.2[4] Date Processed: 2/2/14
- 4.1[6][B] Prohibited Items:
 Sealed Containers > 4L Liquids Pressurized Containers N/A
- 4.1[6][B] Parent Waste Container RCRA Designations: D007, D008, D009, F001
- 4.3[1]/4.3[2] (\$) TA-50-69 is in the OPERATION or WARM STANDBY
MODE (TSR 1.2) OPERATIONS WARM STANDBY
- 4.3[4][B] Platform Scale: Equipment No.: 019065
Cal. Due Date: 10/14/14
- 4.3[5][B] (\$) Three 1-Liter containers carbon spheroids or MET-L-X JQ 2/2/14
in WCG: (SAC 5.10.1.7.1) (Initial and Date)
- 4.3[6] (\$) Stationary Fire Watch has been established: N/A
(> 300 PE-Ci Equivalent Combustible)
(SAC 5.10.1.7.2) (Initial and Date)
- 4.3[7][A] Parent Waste Container degraded, loss of integrity,
or weighs greater than 468 lb but less than or equal to 624 lb:
 YES NO N/A
- 4.3[8][D] WCG glove and bag-in/bag-out bag inspection: SAT UNSAT N/A
- Performed By: JOE QUINTANA JQ 289987 2/2/14
Waste Handling Tech (print) Signature Z# Date

WCRRF Waste Characterization
Glovebox Operations

Document No.: EP-WCRR-WO-DOP-1198
Revision: 0
Effective Date: 1-31-2014
Page: 115 of 121

UET

ATTACHMENT 1
Page 3 of 4

4.1[6][B]

Parent Waste Container No.:

5803967

		Daughter Drums		
10.1[4]/10.2[4]	Daughter Drum No.	69271	69342	
10.1[4]	Daughter Drum Filter No.	AN 458	AN 581	
10.1[4]	Daughter Drum Bag Filter No.	L11743	L17342	
10.1[4]	Daughter Drum Purchase Order No.	501892	501210	
10.1[13][C]	WCG Fire Watch Stationed			<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
10.1[14][C][d]/11.1[3]	WCG Fire Watch Secured			<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
10.2[4]	POC bag-on bag:	Manufacturer		
		Model No.		
		Serial No.		
		Date of Manufacture		
10.2[5]	POC ID No			
10.2[6]/10.2[7][B]	POC Item Description			
10.2[13]	POC Assembly closed per Manufacturer's instructions. (Initial and Z#)			
10.2[14]	POC Assembly Gross Weight (lb)			
10.2[15]	POC Rad. Survey Results (mrem/hr)			
10.3[3][A]	Approx. Containerized Liquid Vol./Units			
10.3[5][A]	Free Liquid Volume/Units	1 GALLON	N/A	
10.3[7][A]	Opaque/Non-penetrable Item Description:			
10.3[9][A]	PCB-contaminated Waste Description			
10.3[9][B]	PCB Item ID No.			
10.3[10]	Remaining Waste Description	see COMMENTS	see COMMENTS	
10.3[13]/10.4[10]/10.5[4]/10.6[10]	Daughter Drum % Full (%)	100		
10.5[3]/10.6[2]	Description Waste Added During Processing	KITTY LITTER	KITTY LITTER	

UET

ATTACHMENT 1

Page 4 of 4

4.1[6][B]

Parent Waste Container No.:

S 803967

Comments:

LEAD, FREE LIQUIDS, POLY LINER,
PLASTIC VIALS WITH GELLED LIQUIDS
CEMENTED WASTE. GLASS VIALS

11.1[1]

Performed By:

JOE QUINTANA, Joe Q
Waste Handling Tech (print) Signature

734987, 2/2/14
Z # Date

11.1[8]

Reviewed By:

JOE JEREZ, Joe J
SOS or designee (print) Signature

1221452, 2/2/14 1306
Z # Date/Time

WCRRF 55-Gallon Daughter Drum Assembly
Preparation and Closure

Document No.: EP-WCRR-WO-DOP-0221
Revision: 9
Effective Date: 11/8/2013
Page: 29 of 30

UET

ATTACHMENT 2

Page 1 of 2

WCRRF DRUM CLOSURE DATA SHEET

6.[3] Drum ID No.: 69312

6.[9] Drum closure ring torque wrench information:
M&TE No.: 0383.70
Cal. Expiration Date: 8/2/14
Range: 16-80 ft-lb
Tolerance (+/-): +/- 3% CW
+/- 6% CCW

6.[10] Torque wrench listed above is within the acceptable ranges as displayed on the calibration certificate. YES NO

Performed By: JOE QUINTANA Joe Quintana 239987 2/2/14
Operator (print) Signature Z.# Date

6.[12] Drum closure ring torque value: 60 ft-lb

6.[15] Threaded lug of the drum closure ring is not touching the jam nut and the locking ring lugs are not touching. SAT UNSAT

6.[17][A] Filtered vent and 2 in. bung torque wrench information: N/A
Filtered Vent 2 in. Bung
M&TE No.: _____
Cal. Expiration Date: N/A _____
Range: N/A in-lb N/A ft-lb
Tolerance (+/-): _____

6.[17][B] Torque wrench listed above is within the acceptable ranges as displayed on the calibration certificate. YES NO N/A

Performed By: N/A _____
Operator (print) Signature Z.# Date

6.[17][C] 2 in. bung plug torque value: _____ ft-lb N/A

6.[17][D] Filtered vent torque value [120 in-lb (96 to 144 in-lb)]: _____ in-lb N/A

WCRRF 55-Gallon Daughter Drum Assembly
Preparation and Closure

Document No.: EP-WCRR-WO-DOP-0221
Revision: 9
Effective Date: 11/8/2013
Page: 30 of 30

UET

ATTACHMENT 2

Page 2 of 2

- 6.[3] Drum ID No.: 6934 2
- 6.[26] Scale File ID number: 019065
- 6.[27] Scale is within the calibration frequency. SAT UNSAT
- 6.[28] Drum gross weight: 269.0 lbs
- 6.[29] Drum gross weight recorded on drum lid in approximately 1/2 in. lettering: SAT UNSAT

Comments: ATC 3/13/14 Contents Include, Lead, Absorbed Free liquids, cut up poly liner, opened plastic vials with absorbed gel liquids, cemented waste, glass vials. Cardboard liner unable to retain liquids. All liquids Absorbed with Kitty litter.

- 6.[32] Performed By: Joe Quintana Joe Quintana 234957 2/2/14
Operator (print) Signature Z # Date
- 7.1[4] Reviewed By: Joe Joez Joe Joez 2214521 2/2/14
Supervisor or designee (print) Signature Z # Date



CONTAINERID: 69342
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>
69342	55G	LA00000069342	NO WDS STATUS	NO		LA-MIN03-NC.001-Lot 91 (LA-MIN03-NC.001-Lot 91)	
					LA-MIN03-NC.001		

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
2LANDA1274	NDA	Complete	2014-03-20
LA-HERTR-14-0030	RTR	Complete	2014-03-06

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
69342	NCR-LANL0548140	Superseded	None
69342	NCR-LANL0548141	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>
69342	NO DATA				

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-RTR2-14-0025
Examination Date:	2/28/2014
Waste Container ID:	86669
Video/Audio Recorded Media Number:	LA-RTR2-14-0025 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes NCR No.: <u>NCR-LANL-0196-14 REV 1 TSH 3-13-14</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.: 187.1 kg Tare Wt.: ^{7/14} 35.4 ³⁻⁴⁻¹⁴ 36.1 kg Net Wt.: ^{7/14} 152.0 ³⁻⁴⁻¹⁴ 151.0 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 2 layers
Volume Utilization Percentage:	100 %

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-RTR2-14-0025
Examination Date:	2/28/2014
Waste Container ID:	86669
Video/Audio Recorded Media Number:	LA-RTR2-14-0025 A&B
Procedure and Revision No.:	CCP-TP-053 Rev. 14
NCR(s) associated with the container? (e.g., Prohibited Items)	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes NCR No.: <u>NCR-LANL-0196-14</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>187.1</u> kg
	Tare Wt.: ^{7/14} ₃₋₄₋₁₄ <u>35.4</u> kg
	Net Wt.: ^{7/14} ₃₋₄₋₁₄ <u>152.0</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 2 layers
Volume Utilization Percentage:	100 %

Superseded 8.17.14

10A

8.17.14

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Page 2 of 3

Waste Container ID: 86669

Section 3 Container Inventory and Comments	(Detailed descriptions)
IM: Scrap metal	
AM:	
OM:	
OI:	
C:	
R:	
XPM: Liner lid, 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): Plastic Liner Bag <i>AND RUBID LINER 234 3-4-14</i>	7.4 ^{7.4} 8.4
Other:	0.0
Total Packaging Weight	36.1 ^{36.1} 35.4
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	0.1
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):	148.9 ^{148.9} 148.9
Soils (S):	
Total WMP Weight:	151.0 ^{151.0} 151.0

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Page 2 of 3

Waste Container ID: 86669

Section 3: Container Inventory and Comments	(Detailed descriptions)
IM: Scrap metal	
AM:	
OM:	
OI:	
C:	
R:	
XPM: Liner lid, 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): Plastic Liner Bag <i>AND RUBBER LINER TJH 3-4-14</i>	7.4 ^{TJH} 8.4 7.4 ₃₋₄₋₁₄
Other:	0.0
Total Packaging Weight	36.1 ^{TJH} 35.4 ₃₋₄₋₁₄
Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal / Alloys (IM):	0.1
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):	148.9 ^{TJH} 149.9 ₃₋₄₋₁₄
Soils (S):	
Total WMP Weight:	157.0 ^{TJH} 157.0 ₃₋₄₋₁₄

Superseded
3.17.14

11A

RTR Data Sheet.xls SCO# 1189 Add. 3
Microsoft Excel 2007/2010 Windows 7

3.17.14

CCP Radiography Data Sheet

CCP-TP-053 Attachment 2 (continued)

Page 3 of 3

Waste Container ID: 86669

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?	^{75H} ₃₋₁₃₋₁₄ <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No ^{75H} ₃₋₁₃₋₁₄
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: NCR-LANL-0196-14 <i>REV 75H 3-13-14</i>	
RTR Operator:	<i>3-4-14</i>
<u>Thad Hasselstrom</u>	<u>2/28/2014</u>
Print Name	Signature <i>Thad Hasselstrom</i> Date <i>3-13-14</i>

CCP Radiography Data Sheet

Waste Container ID: 86669

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 checked="" type="checkbox"/> Yes <input 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: NCR-LANL-0196-14	
RTR Operator:	<i>Thad Hasselstrom</i> 3-4-14
<u>Thad Hasselstrom</u>	<u><i>Thad Hasselstrom</i></u> 2/28/2014
Print Name	Signature Date

~~3-17-14~~

12A

Superseded

~~3-17-14~~

ATTACHMENT 1

Page 1 of 3

TA-54 AREA G LINED SLUDGE DRUM REMEDIATION CHECKLIST

5.[6] Parent Drum No.: 86669

4.3[8][A] (\$) Total volume of flammable liquids within the SSSR AREA boundaries for operation and maintenance activities is ≤ 7 gal: [LCO 3.3.1(1a)] SAT UNSAT

(CS) 4.3[8][B] (*) Following requirements are satisfied: (NCS-CSLA-11-043 and NCS-CSLA-13-049)

- Drums are 55 gal or larger for remediation SAT UNSAT
- Each drum is ≤ 200 FGE SAT UNSAT
- Total FGE value of drums to be placed in a daughter SWB is ≤ 325 FGE (Section 6 only) SAT UNSAT N/A

5.[2] (\$) STATIONARY FIRE WATCH established. (SAC 5.7.17) SC/266436 12-23-14
Initials/Z# Date

5.[7] Remediation start date: 02-23-14
Parent Drum Weight (lb): 412.2 lb

5.[8] RCRA designation (EPA Codes): Non-Haz

5.[21] Rigid liner condition (e.g., warped, cracked, or breaks): No rigid liners
Drum contains a fiberboard liner

5.[22] Rigid liner can be rigged: YES NO

5.[24[F] Liquid (top of drum) pH: N/A

5.[25] Rigid liner contains an internal poly-liner: YES NO

5.[29] Torque wrench information:
MT&E No: _____
Cal. Expiration Date: N
Range in ft-lb: A
Tolerance: _____

ATTACHMENT 1

5.[6] Parent Drum No.: 86669

5.[30] Torque value for the torque wrench is within the calibrated range:
 YES NO

5.[32] Lifting device fasteners torque value (\geq 12-ft-lb): N/A ft-lb

7.[3][D][a] Lifting device fasteners torque value (\geq 12-ft-lb): N/A ft-lb

7.[7] (\$) SAC 5.7.12 non-compliant containers are present:
 (SAC 5.7.12) YES NO N/A

7.[10] Containerized liquids present: YES NO N/A

7.[12][D][E] Containerized liquid: N/A

Liquid Volume/Unit				
Liquid pH				

5.[63]/7.[4][F] Daughter Drum No.: _____ N/A

5.[64] Lifting device fasteners torque value (\geq 12-ft-lb): N/A ft-lb

5.[70][C] Secondary daughter drum No.: N/A

5.[71] Liquid pH: N/A

5.[74] Total amount of liquid found: 0 gal

5.[75] Amount of absorbent used: 1 lb

5.[82] (\$) STATIONARY FIRE WATCH secured. (SAC 5.7.17)
 Initials/Z# JW 1254370 N/A
 Date SC/266436 12-23-14

CS

5.[84] (*) TRU WASTE CONTAINER batch and associated absorbed liquid removed from the SSSR process area: (NCS-CSLA-11-043 and NCS-CSLA-13-049)

SAT UNSAT

ATTACHMENT 1

5.[6] Parent Drum No.: 86669

Comments: Drum # 86669 was opened to verify No liquids were present. Layers of confinement also reduced to zero. No liquids can be retained. No liquids observed.

No Further Entries

9.1[1] Performed By: ^{2/23/14} Joe Wise Operator (Print) Joe Wise Signature 254376 Z# 2-23-14 Date

9.1[2] Reviewed By: Joe Wise Supervision (Print) Joe Wise Signature 254376 Z# 2-23-14 Date

9.1[3][B] Acceptance criteria satisfied: YES NO

9.1[3][E] Approved By: Pat O'Grady SOM or designee (print) Pat O'Grady Signature 11513581 Z# 2/23/14/1752 Date/Time



CONTAINERID: 86669
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>
86669	55G	LA0000086669	NO WDS STATUS	NO	L A-MIN03-NC.001	LA-MIN03-NC.001- 91 (L A-MIN03-NC.001 -Lot 91)	

BDR DATA

<u>BDRID</u>	<u>Type</u>	<u>Status</u>	<u>Generation Date</u>
2LANDA1274	NDA	Complete	2014-03-20
LA-RTR2-10-0094	RTR	Complete	2010-07-30
LA-RTR2-14-0025	RTR	Complete	2014-02-28

NCR DATA

<u>Container ID</u>	<u>NCRID</u>	<u>Status</u>	<u>Release Code</u>
86669	NCR-LANL0196140	Superseded	None
86669	NCR-LANL0196141	Closed	Resolved
86669	NCR-LANL0674100	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>
86669	LA-RTR2-10-0094	NCR-LANL0674100	Closed	Resolved	

This drum is assigned to waste stream LA-MHD09.001 and waste matrix code of S5400. RTR examination of this drum revealed the waste is greater than 50% homogeneous material. This does not meet the assigned Waste Matrix Code.