



**Department of Energy**  
 Carlsbad Field Office  
 P. O. Box 3090  
 Carlsbad, New Mexico 88221  
**OCT - 8**



Mr. James Bearzi, Chief  
 Hazardous Waste Bureau  
 New Mexico Environment Department  
 2905 Rodeo Park Drive East, Building 1  
 Santa Fe, NM 87505-6303

Subject: Shipment of <sup>22</sup>Containers from Waste Stream LA-MIN03-NC.001

Dear Mr. Bearzi:

In accordance with the Stipulated Final Order, No. HWB 09-31 (CO) (LANL), enclosed is a list of containers from waste stream LA-MIN03-NC.001 that the Central Characterization Project (CCP) is prepared to ship.

Enclosed is a digital video disk (DVD) containing the required documents for 22 containers listed on page 2 of this letter. Each container listed has its Real-Time Radiography (RTR) Batch Data Report (BDR) and Prohibited Item Disposition (PID) form.

These PIDs are in a different format than previously submitted. When the PERMACON began this campaign to remediate LA-MIN03-NC.001 containers they were packaged into new containers. Therefore, the PID shows the parent container and the daughter container. These daughter containers passed RTR and do not have a nonconformance report (NCR). The PID does identify that the container has been remediated for liquids.

If you have any questions, please contact Ms. Norma Castaneda at (575) 234-7118.

Sincerely,

*David C. Moody*  
 David C. Moody  
 Manager

Enclosure

cc: w/enclosure  
 S. Zappe, NMED \*ED

cc: w/o enclosure  
 B. Mackie, CBFO ED  
 N. Castaneda, CBFO ED  
 S. McCauslin, CBFO ED  
 D. Haar, WTS ED  
 D. Ploetz, WTS ED  
 M. Percy, WTS ED  
 J. Eastham, WTS ED  
 V. Waldram, WTS ED  
 Site Documents ED  
 CBFO M&RC

\*ED denotes electronic distribution



LANL LA-MIN03-NC.001 Containers

	Container ID	RTR BDR
1	86189	LA-RTR2-10-0096
2	86191	LA-RTR2-10-0096
3	86201	LA-RTR2-10-0096
4	86331	LA-RTR2-10-0096
5	86335	LA-RTR2-10-0096
6	86085	LA-RTR2-10-0099
7	86088	LA-RTR2-10-0099
8	86084	LA-RTR2-10-0100
9	86101	LA-RTR2-10-0100
10	86130	LA-RTR2-10-0100
11	85785	LA-RTR2-10-0115
12	85837	LA-RTR2-10-0115
13	85838	LA-RTR2-10-0115
14	85863	LA-RTR2-10-0115
15	85874	LA-RTR2-10-0115
16	85909	LA-RTR2-10-0115
17	85873	LA-RTR2-10-0116
18	85878	LA-RTR2-10-0116
19	85879	LA-RTR2-10-0116
20	85891	LA-RTR2-10-0116
21	85904	LA-RTR2-10-0116
22	85649	LA-RTR2-10-0117

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5-18-10

10[3] Parent Drum No.: S850073

11[15] Daughter Drum No.: 85649

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>OK</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80 FT-LBS</u> Tolerance: <u>+ 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0 Gal</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5-18-10

10[3] Parent Drum No.: S 850073

11[15] Daughter Drum No.: 85649

Comments: N/C

10[76]	Performed By:	<u>Roberto Bacc</u>	<u>[Signature]</u>	<u>1234078</u>	<u>15-18-10</u>
		Name (Print)	Signature	Z #	Date

10[78]	Supervision:	<u>Alan Garcia</u>	<u>[Signature]</u>	<u>176445</u>	<u>15-18-10</u>
		Name (Print)	Signature	Z #	Date

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-RTR2-10-0117
Examination Date:	08/31/2010
Waste Container ID:	85649
Video/Audio Recorded Media Number:	LA-RTR2-10-0117 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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: _____ 190.2 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 156.1 _____ 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:	_____ 80 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

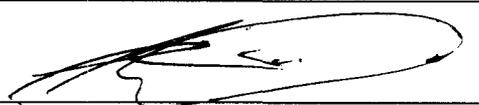
Waste Container ID: 85649

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Scrap metal
Absorbent
Plastic bag, cut up liner lid
Solidified material (Sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	0.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.5
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	152.6
Soils (S):	
<b>Total WMP Weight:</b>	<b>156.1</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85649

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Philip Dillard</u>			<u>08/31/2010</u>
Print Name	Signature		Date

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5-25-10

10[3] Parent Drum No.: 5850230

11[15] Daughter Drum No.: 85785

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 WP</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5.25.10

10[3] Parent Drum No.: S 850 230

11[15] Daughter Drum No.: 05785

Comments:

N/C

10[76] Performed By: John Maurer [Signature] 206784 5.25.10  
Name (Print) Signature Z# Date

10[78] Supervision: T.A. Weigle [Signature] 222017 10-1-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0115
Examination Date:	08/30/2010
Waste Container ID:	<b>85785</b>
Video/Audio Recorded Media Number:	LA-RTR2-10-0115 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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 _____

<b>Section 2: Waste Container Data</b>	
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: _____ 169.0 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 134.9 _____ 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:	_____ 80 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

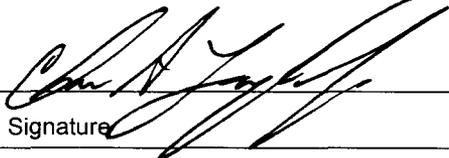
Waste Container ID: 85785

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Metal closure ring, scrap metal
Absorbent
Plastic bags, cut up liner lid
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	1.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	130.0
Soils (S):	
<b>Total WMP Weight:</b>	<b>134.9</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85785

Section 5: RTR Summary ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>		<u>08/30/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5.27.10

10[3] Parent Drum No.: 5841026

11[15] Daughter Drum No.: 85837

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3.11.11</u> Range in ft-lb: <u>10-90</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>5 GAL</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>6 WP</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

ATTACHMENT 4

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5.27.10

10[3] Parent Drum No.: 5841026

11[15] Daughter Drum No.: 85837

Comments:

N/C

10[76] Performed By: JOHN MARTINEZ [Signature] 206784 5.27.10  
Name (Print) Signature Z# Date

10[78] Supervision: T. WEIGER [Signature] 227617 6-1-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0115
Examination Date:	08/30/2010
Waste Container ID:	85837
Video/Audio Recorded Media Number:	LA-RTR2-10-0115 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 205.6 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 171.5 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

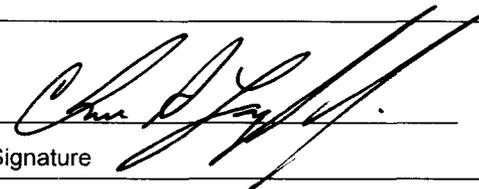
Waste Container ID: 85837

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Metal closure rings, scrap metal Absorbent Plastic bags, cut up liner lid Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	1.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.5
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	167.1
Soils (S):	
<b>Total WMP Weight:</b>	<b>171.5</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85837

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>		<u>08/30/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5.27.10

10[3] Parent Drum No.: S 834020

11[15] Daughter Drum No.: 85830

Step	Condition
10[14]	* RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3.11.11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>1 GAL</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>7 cup</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 5.27.10

10[3] Parent Drum No.: 5034020

11[15] Daughter Drum No.: 05030

Comments: \_\_\_\_\_  
\_\_\_\_\_ *MC* \_\_\_\_\_  
\_\_\_\_\_

10[76] Performed By: Juan Martinez *[Signature]* 206784 5.27.10  
Name (Print) Signature Z# Date

10[78] Supervision: T. W. [Signature] *[Signature]* 107-10  
Name (Print) Signature Z# Date

## Attachment 2 – CCP Radiography Data Sheet

Page 1 of 3

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-RTR2-10-0115
Examination Date:	08/30/2010
Waste Container ID:	85838
Video/Audio Recorded Media Number:	LA-RTR2-10-0115 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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: _____ 213.2 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 179.1 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85838

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Hand tool, metal closure rings, scrap metal
Absorbent
Plastic bags, cut up liner lid
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	2.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.5
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	173.4
Soils (S):	
<b>Total WMP Weight:</b>	<b>179.1</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85838

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>		<u>08/30/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-1-10

10[3] Parent Drum No.: S 814180

11[15] Daughter Drum No.: 45863

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>OK</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>1 gal</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>5 Coos</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

ATTACHMENT 4

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-1-10

10[3] Parent Drum No.: S 814180

11[15] Daughter Drum No.: 45863

Comments: N/C

10[76] Performed By: Roberto Ruiz [Signature] 1234078 6-1-10  
Name (Print) Signature Z# Date

10[78] Supervision: Oran Sanchez [Signature] 1176445 6-1-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0115
Examination Date:	08/30/2010
Waste Container ID:	85863
Video/Audio Recorded Media Number:	LA-RTR2-10-0115 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 214.9 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 180.8 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85863

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Scrap metal
Absorbent
Plastic bag, cut up liner lid
Solidified material (sludge)
.1mL. of observable liquid at 2"

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
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):	0.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	176.9
Soils (S):	
Total WMP Weight:	180.8

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85863

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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: .1mL. of observable liquid at 2"			
RTR Operator: Chris Farquhar  08/30/2010 Print Name Signature Date			

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-1-10

10[3] Parent Drum No.: S 850389

11[15] Daughter Drum No.: 85873

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>ok</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+ 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 bags</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10

10[3] Parent Drum No.: S 850389

11[15] Daughter Drum No.: 85873

Comments: n/c

10[76] Performed By: Roberto Bacc [Signature] 234078 16/1/10  
Name (Print) Signature Z# Date

10[78] Supervision: Oran Sanchez [Signature] 1176445 16/1/10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0116
Examination Date:	08/30/2010
Waste Container ID:	85873
Video/Audio Recorded Media Number:	LA-RTR2-10-0116 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 166.7 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 132.6 _____ 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:	_____ 90 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

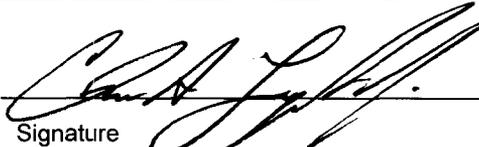
Waste Container ID: 85873

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Metal closure ring, scrap metal
Absorbent
Plastic bags, cut up liner lid
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	1.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	127.4
Soils (S):	
<b>Total WMP Weight:</b>	<b>132.6</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85873

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>		<u>08/30/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10

10[3] Parent Drum No.: S 850334

11[15] Daughter Drum No.: 85874

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>OK</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80 FT LBS</u> Tolerance: <u>+ 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gal</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 wps</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10

10[3] Parent Drum No.: S 850334

11[15] Daughter Drum No.: 85874

Comments: n/e

10[76] Performed By: Roberto Baca [Signature] 1234078 6/1/10  
Name (Print) Signature Z# Date

10[78] Supervision: Alan Sanchez [Signature] 1176445 6/1/10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0115
Examination Date:	08/30/2010
Waste Container ID:	85874
Video/Audio Recorded Media Number:	LA-RTR2-10-0115 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 192.1 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 158.0 _____ 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:	_____ 80 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85874

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Metal closure ring
Absorbent
Plastic bags, cut up liner lid
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	153.3
Soils (S):	
<b>Total WMP Weight:</b>	<b>158.0</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85874

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>		<u>08/30/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10

10[3] Parent Drum No.: S 850133

11[15] Daughter Drum No.: 85878

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>OK</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 bags</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

ATTACHMENT 4

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10

10[3] Parent Drum No.: 8 850133

11[15] Daughter Drum No.: 85878

Comments: N/C

10[76] Performed By: Roberto Bara [Signature] 12340781 6/1/10  
Name (Print) Signature Z# Date

10[78] Supervision: Alan Sanchez [Signature] 1176445 16/1/10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0116
Examination Date:	08/30/2010
Waste Container ID:	85878
Video/Audio Recorded Media Number:	LA-RTR2-10-0116 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 186.7 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 152.6 _____ 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:	_____ 80 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

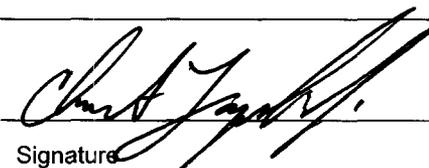
Waste Container ID: 85878

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Absorbent
Plastic bags
Solidified material (sludge)
36mL. of observable liquid at 32"

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	0.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	149.9
Soils (S):	
<b>Total WMP Weight:</b>	<b>152.6</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85878

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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: 36mL. of observable liquid at 32"			
RTR Operator: Chris Farquhar  08/30/2010 Print Name Signature Date			

ATTACHMENT 4

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10  
 10[3] Parent Drum No.: S 850344  
 11[15] Daughter Drum No.: 85879

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>ok</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb.: <u>10-80 Ft LBS</u> Tolerance: <u>+/- 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gal</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>4 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/1/10

10[3] Parent Drum No.: S 850344

11[15] Daughter Drum No.: 85879

Comments: N/C

10[76] Performed By: Roberto Bacc [Signature] 1234078 16/1/10  
Name (Print) Signature Z# Date

10[78] Supervision: Chen Sanchez [Signature] 1176445 16/1/10  
Name (Print) Signature Z# Date

## Attachment 2 – CCP Radiography Data Sheet

Page 1 of 3

<b>Section 1: General Information</b>	
<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-RTR2-10-0116
Examination Date:	08/30/2010
Waste Container ID:	85879
Video/Audio Recorded Media Number:	LA-RTR2-10-0116 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 186.2 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 152.1 _____ 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: 85879

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Absorbent
Tape roll
Plastic bags
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	0.1
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	149.0
Soils (S):	
<b>Total WMP Weight:</b>	<b>152.1</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85879

Section 5: RTR Summary ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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:			
Chris Farquhar		08/30/2010	
Print Name	Signature	Date	

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.2.10

10[3] Parent Drum No.: S 810215

11[15] Daughter Drum No.: 85891

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>2.11.11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>2 GALL</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>5 CUP</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-2-10

10[3] Parent Drum No.: S 810215

11[15] Daughter Drum No.: 85091

Comments:

U/C

10[76] Performed By:

JOHN MARTINEZ [Signature] 206784 1-6-2-10  
Name (Print) Signature Z# Date

10[78] Supervision:

Ornan Sanchez [Signature] 1176445 1-6-3-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0116
Examination Date:	08/30/2010
Waste Container ID:	85891
Video/Audio Recorded Media Number:	LA-RTR2-10-0116 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 205.6 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 171.5 _____ 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:	_____ 90 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85891

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Scrap metal
Absorbent
Rubber tube
Plastic bags, plastic containers
Solidified material (sludge)
1.1mL. of observable liquid at 4"

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	0.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	0.1
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	168.2
Soils (S):	
<b>Total WMP Weight:</b>	<b>171.5</b>



**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.3.10

10[3] Parent Drum No.: S A 10 175

11[15] Daughter Drum No.: B5904

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3.11.11</u> Range in ft-lb: <u>10-200</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>2 GAL</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>7 LWD</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-3-10

10[3] Parent Drum No.: S 010175

11[15] Daughter Drum No.: 25904

Comments: \_\_\_\_\_  
\_\_\_\_\_ *MC* \_\_\_\_\_  
\_\_\_\_\_

10[76] Performed By: Joan Martinez *[Signature]* 206724 1 6-3-10  
Name (Print) Signature Z# Date

10[78] Supervision: Oran Sanchez *[Signature]* 1176445 1 6-3-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0116
Examination Date:	08/30/2010
Waste Container ID:	85904
Video/Audio Recorded Media Number:	LA-RTR2-10-0116 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 228.0 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 193.9 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

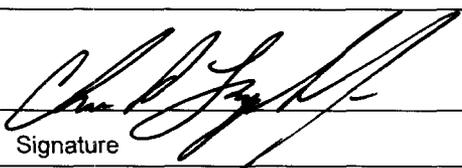
Waste Container ID: 85904

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Scrap metal
Absorbent
Plastic bags, cut up liner lids
Solidified material (sludge)
14.8mL. of observable liquid at 5"

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	0.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	189.0
Soils (S):	
<b>Total WMP Weight:</b>	<b>193.9</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85904

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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: 14.8mL. of observable liquid at 5"			
RTR Operator: Chris Farquhar  08/30/2010 Print Name Signature Date			

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.8.10

10[3] Parent Drum No.: 5850896

11[15] Daughter Drum No.: 85909

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008, D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>025953</u> Cal. Expiration Date: <u>3.11.11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>1 GAL</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 CUP</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

UET

ATTACHMENT 4

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.3.10

10[3] Parent Drum No.: 5050396

11[15] Daughter Drum No.: 85909

Comments:

N/C

10[76] Performed By: Johns Martinez [Signature] 206784 6.3.10  
Name (Print) Signature Z# Date

10[78] Supervision: Alan Sanchez [Signature] 176445 6-7-10  
Name (Print) Signature Z# Date

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-RTR2-10-0115
Examination Date:	08/30/2010
Waste Container ID:	85909
Video/Audio Recorded Media Number:	LA-RTR2-10-0115 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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: _____ 176.2 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 142.1 _____ 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:	_____ 90 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

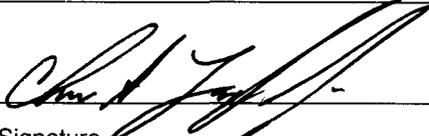
Waste Container ID: 85909

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Scrap metal, metal closure rings
Absorbent
Coveralls
Plastic bags, cut up liner lids
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
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):	2.5
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	2.0
Cellulosics (C):	1.8
Rubber (R):	
Plastics (waste materials) (XPM):	2.7
Organic Matrix (OR):	
Inorganic Matrix (IN):	133.1
Soils (S):	
Total WMP Weight:	142.1

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85909

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>		<u>08/30/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-14-10

10[3] Parent Drum No.: S 807065

11[15] Daughter Drum No.: 86084

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 P001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>023853</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u> gallons
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

TA-54 Area G Sludge Remediation Activities

Document No.: EP-AREAG-WO-DOP-0219

Revision: 3

Effective Date: 6/10/10

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-14-10

10[3] Parent Drum No.: 5807065

11[15] Daughter Drum No.: 86084

Comments: n/a

10[76] Performed By: Ben Rodriguez [Signature] 1227030 6-14-10  
Name (Print) Signature Z# Date

10[78] Supervision: Alan Sandoz [Signature] 1176445 6-14-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0100
Examination Date:	08/04/2010
Waste Container ID:	86084
Video/Audio Recorded Media Number:	LA-RTR2-10-0100 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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>223.9</u> kg. Tare Wt: <u>34.1</u> kg. Net Wt: <u>189.8</u> 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:	<u>95</u> %

Attachment 2 – CCP Radiography Data Sheet (Continued)

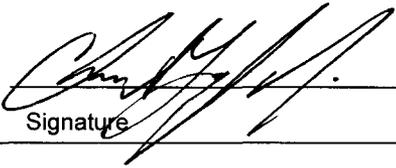
Waste Container ID: 86084

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Scrap metal
Absorbent
Plastic bag, cut up liner lid
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
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):	0.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	186.6
Soils (S):	
Total WMP Weight:	189.8

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86084

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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:			
Chris Farquhar		08/04/2010	
Print Name	Signature	Date	

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-14-10

10[3] Parent Drum No.: 5807050

11[15] Daughter Drum No.: 86085

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 Fail</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>n/a</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+ - 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u>
10[66][E]	Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gallons</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>5 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

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**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-14-10

10[3] Parent Drum No.: 5807080

11[15] Daughter Drum No.: 86085

Comments: n/a

10[76] Performed By: Ben Rodriguez [Signature] 1227230 6-14-10  
Name (Print) Signature Z# Date

10[78] Supervision: Oran Smith [Signature] 176445 6-14-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0099
Examination Date:	08/03/2010
Waste Container ID:	86085
Video/Audio Recorded Media Number:	LA-RTR2-10-0099 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 217.8 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 183.7 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86085

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Absorbent
Plastic bag
Solidified material (Sludge)
4ML. of observable liquid at 1 inch

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
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):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	181.7
Soils (S):	
Total WMP Weight:	183.7

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86085

Section 5: RTR Summary ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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: 4ML. of observable liquid at 1 inch			
RTR Operator: <u>Philip Dillard</u>  <u>08/03/2010</u> Print Name Signature Date			

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-14-10

10[3] Parent Drum No.: 5834919

11[15] Daughter Drum No.: 86088

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>n/a</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+ - 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u>
10[66][E]	Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0 gallons</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

TA-54 Area G Sludge Remediation Activities

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-14-10

10[3] Parent Drum No.: 5834919

11[15] Daughter Drum No.: 86088

Comments: n/a

10[76] Performed By: Ben Rodriguez [Signature] 1207230 6-14-10  
Name (Print) Signature Z# Date

10[78] Supervision: Alan Snelter [Signature] 1176445 6-14-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0099
Examination Date:	08/03/2010
Waste Container ID:	86088
Video/Audio Recorded Media Number:	LA-RTR2-10-0099 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 179.6 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 145.5 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86088

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Absorbent
Plastic bag, cut up liner lid
Solidified material (Sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	142.5
Soils (S):	
<b>Total WMP Weight:</b>	<b>145.5</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86088

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Philip Dillard</u>			<u>08/03/2010</u>
Print Name	Signature		Date

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/14/10

10[3] Parent Drum No.: 5817770

11[15] Daughter Drum No.: 86101

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>1 Gallon</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>4 Cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

ATTACHMENT 4

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6/14/10

10[3] Parent Drum No.: 5817770

11[15] Daughter Drum No.: 86101

Comments: N/A

10[76]	Performed By:	<u>Philip Quintana</u>	<u>Philip Quintana</u>	<u>183693</u>	<u>6/14/10</u>
		Name (Print)	Signature	Z#	Date

10[78]	Supervision:	<u>06/14/10</u>	<u>[Signature]</u>	<u>1277230</u>	<u>6-14-10</u>
		Name (Print)	Signature	Z#	Date

<u>Oran Sandoz</u>	<u>Oran Sandoz</u>	<u>176445</u>	<u>6-14-10</u>
Name (Print)	Signature	Z#	Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0100
Examination Date:	08/04/2010
Waste Container ID:	86101
Video/Audio Recorded Media Number:	LA-RTR2-10-0100 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 185.1 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 151.0 _____ 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:	_____ 85 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86101

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Scrap metal
Absorbent
Plastic bag
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	0.2
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	148.8
Soils (S):	
<b>Total WMP Weight:</b>	<b>151.0</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86101

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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:			
Chris Farquhar			08/04/2010
Print Name	Signature		Date

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-15-10

10[3] Parent Drum No.: 5831508

11[15] Daughter Drum No.: 86130

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035253</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+ - 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>4 gallons</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>10 cubes</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

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**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-15-10

10[3] Parent Drum No.: S 831508

11[15] Daughter Drum No.: 86130

Comments: N/A

10[76] Performed By: Ben Rodriguez [Signature] 1227231 6-15-10  
Name (Print) Signature Z# Date

10[78] Supervision: Alan Sanchez [Signature] 1176445 6-15-10  
Name (Print) Signature Z# Date

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-RTR2-10-0100
Examination Date:	08/04/2010
Waste Container ID:	86130
Video/Audio Recorded Media Number:	LA-RTR2-10-0100 A
Procedure and Revision No.:	CCP-TP-053      Rev. 8
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: _____ 184.5 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 150.4 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

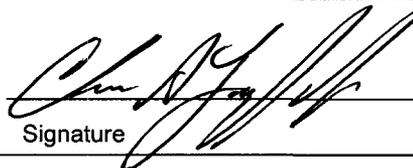
Waste Container ID: 86130

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Absorbent
Plastic bag
Solidified material (sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
Total Packaging Weight:	34.1
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	0.5
Organic Matrix (OR):	
Inorganic Matrix (IN):	148.9
Soils (S):	
Total WMP Weight:	150.4

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86130

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Chris Farquhar</u>			<u>08/04/2010</u>
Print Name	Signature		Date

UET

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-17-10

10[3] Parent Drum No.: S 8250-1

11[15] Daughter Drum No.: 86189

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>025953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-20</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 LYP</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-17-10

10[3] Parent Drum No.: S825061

11[15] Daughter Drum No.: 86189

Comments: \_\_\_\_\_  
\_\_\_\_\_ *U/C* \_\_\_\_\_  
\_\_\_\_\_

10[76] Performed By: John Matutz [Signature] 206784 6-17-10  
Name (Print) Signature Z# Date

10[78] Supervision: Bina M. Stone [Signature] 234841 6-17-10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0096
Examination Date:	08/02/2010
Waste Container ID:	86189
Video/Audio Recorded Media Number:	LA-RTR2-10-0096 A
Procedure and Revision No.:	CCP-TP-0053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 238.0 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 203.9 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

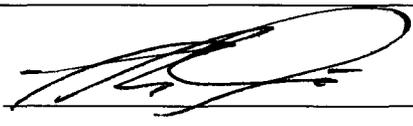
Waste Container ID: 86189

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Scrap metal
Absorbent
Plastic bag
Solidified material (Sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	201.8
Soils (S):	
<b>Total WMP Weight:</b>	<b>203.9</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86189

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Philip Dillard</u>			<u>08/02/2010</u>
Print Name	Signature		Date

**ATTACHMENT 4**

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-17-10

10[3] Parent Drum No.: 8902594

11[15] Daughter Drum No.: 86191

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>P007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-20</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 LVP</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

UET

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.17.10

10[3] Parent Drum No.: S902594

11[15] Daughter Drum No.: 86191

Comments: \_\_\_\_\_  
\_\_\_\_\_ *MC* \_\_\_\_\_  
\_\_\_\_\_

10[76] Performed By: John Martinez [Signature] 206724 6.17.10  
Name (Print) Signature Z# Date

10[78] Supervision: Brian M. Stone [Signature] 234234 6.17.10  
Name (Print) Signature Z# Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0096
Examination Date:	08/02/2010
Waste Container ID:	86191
Video/Audio Recorded Media Number:	LA-RTR2-10-0096 A
Procedure and Revision No.:	CCP-TP-0053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 200.8 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 166.7 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86191

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Absorbent
Plastic bag, liner lid cut up
Solidified material (Sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
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):	
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	163.7
Soils (S):	
Total WMP Weight:	166.7

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86191

Section 5: RTR Summary ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Philip Dillard</u>			<u>08/02/2010</u>
Print Name	Signature		Date

**ATTACHMENT 4**

Page 1 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.17.10

10[3] Parent Drum No.: S 860338

11[15] Daughter Drum No.: 96201

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3.11.11</u> Range in ft-lb: <u>10-20</u> Tolerance: <u>± 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2cup</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

UET

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6.17.10

10[3] Parent Drum No.: S860338

11[15] Daughter Drum No.: 86201

Comments: \_\_\_\_\_  
N/C  
\_\_\_\_\_

10[76] Performed By: John Mather [Signature] 206784 / 6.17.10  
Name (Print) Signature Z# Date

10[78] Supervision: Gina M. Smith [Signature] 16.17.10  
Name (Print) Signature Z# Date  
152422

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0096
Examination Date:	08/02/2010
Waste Container ID:	86201
Video/Audio Recorded Media Number:	LA-RTR2-10-0096 A
Procedure and Revision No.:	CCP-TP-0053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 163.3 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 129.2 _____ 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:	_____ 90 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86201

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Metal closure ring, scrap metal, hand tool
Absorbent
Plastic bag, liner lid cut up
Solidified material (Sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
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):	2.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	124.2
Soils (S):	
Total WMP Weight:	129.2

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86201

Section 5: RTR Summary ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Philip Dillard</u>		<u>08/02/2010</u>	
Print Name	Signature	Date	

**ATTACHMENT 4**

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-28-10

10[3] Parent Drum No.: 5850221

11[15] Daughter Drum No.: 86331

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>n/a</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u> RCRA Designation: <u>n/a</u>
10[66][E]	Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>No liquid</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>2 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-28-10

10[3] Parent Drum No.: S850221

11[15] Daughter Drum No.: 86331

Comments: MC

10[76]	Performed By:	<u>JEREMY VEGL</u>	<u>[Signature]</u>	<u>1231520</u>	<u>1 6-28-10</u>
		Name (Print)	Signature	Z#	Date

10[78]	Supervision:	<u>Onan Sanber</u>	<u>[Signature]</u>	<u>1176445</u>	<u>1 6-28-10</u>
		Name (Print)	Signature	Z#	Date

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-RTR2-10-0096
Examination Date:	08/02/2010
Waste Container ID:	86331
Video/Audio Recorded Media Number:	LA-RTR2-10-0096 A
Procedure and Revision No.:	CCP-TP-0053      Rev. 8
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: _____ 176.3 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 142.2 _____ 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:	_____ 90 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

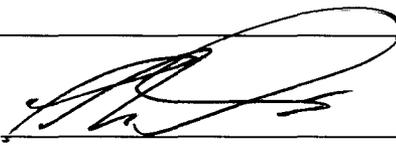
Waste Container ID: 86331

<b>Section 3: Container Inventory and Comments</b> ( Detailed descriptions )
Hand tool
Absorbent
Plastic bag
Solidified material (Sludge)
0.5ML. of observable liquid at 3 inches

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	0.1
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	1.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	140.1
Soils (S):	
<b>Total WMP Weight:</b>	<b>142.2</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86331

Section 5: RTR Summary ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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: 0.5ML. of observable liquid at 3 inches			
RTR Operator: Philip Dillard  08/02/2010			
Print Name		Signature	Date

**ATTACHMENT 4**

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-28-10

10[3] Parent Drum No.: 5827324

11[15] Daughter Drum No.: 86335

Step	Condition
10[14]	RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u>
10[16]	<input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented
10[21]	<input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>N/A</u>
10[22][B]	<input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable)
10[24]	<input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable)
10[27]	<input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>035953</u> Cal. Expiration Date: <u>3-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+ 3%</u>
10[28]	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range.
10[30]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[32]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. <input type="checkbox"/> N/A (if not applicable) Record actual torque value: <u>12</u> ft-lb.
10[60]	<input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb.
10[66][D]	RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u>
10[66][E]	Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u>
10[69]	<input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gallons</u>
10[70]	<input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u>
10[73]	<input checked="" type="checkbox"/> Rigid liner cut into at least two pieces and placed into the daughter drum with other decontamination materials

**ATTACHMENT 4**

Page 2 of 2

**LIQUID REMEDIATION CHECKLIST**

10[13] Date: 6-28-10

10[3] Parent Drum No.: 5822824

11[15] Daughter Drum No.: 86335

Comments:   *nc*  

10[76]	Performed By:	<u>JEREMY VISTO</u>	<u>[Signature]</u>	<u>231520</u>	<u>6-28-10</u>
		Name (Print)	Signature	Z#	Date

10[78]	Supervision:	<u>Onan Sanchez</u>	<u>[Signature]</u>	<u>1176445</u>	<u>6-28-11</u>
		Name (Print)	Signature	Z#	Date

Attachment 2 – CCP Radiography Data Sheet

<b>Section 1: General Information</b>	
<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-RTR2-10-0096
Examination Date:	08/02/2010
Waste Container ID:	86335
Video/Audio Recorded Media Number:	LA-RTR2-10-0096 A
Procedure and Revision No.:	CCP-TP-0053      Rev. 8
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

<b>Section 2: Waste Container Data</b>	
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: _____ 214.8 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 180.7 _____ 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:	_____ 95 _____ %

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86335

<b>Section 3: Container Inventory and Comments ( Detailed descriptions )</b>
Hand tools, scrap metal
Absorbent
Plastic bag, liner lid cut up
Solidified material (Sludge)

<b>Section 4: Packaging Material and Waste Material Parameters</b>	
<b>Packaging Material:</b>	<b>Estimated Weight (kg)</b>
Steel (ST):	27.7
Plastics (PP):	6.4
Others:	0.0
<b>Total Packaging Weight:</b>	<b>34.1</b>
<b>Waste Material Parameter:</b>	<b>Estimated Weight (kg)</b>
Iron-based Metal / Alloys (IM):	1.0
Aluminum-based Metals / Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	1.0
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (XPM):	2.0
Organic Matrix (OR):	
Inorganic Matrix (IN):	176.7
Soils (S):	
<b>Total WMP Weight:</b>	<b>180.7</b>

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 86335

<b>Section 5: RTR Summary</b> ( Questions answered "YES" will be explained in the Comments block )	Yes	No	N/A
Is there observable liquid in the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there any observable liquid in internal containers, more than 60 milliliters or 3 percent by volume, whichever is greater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is the total volume of observable liquid in the outermost container <b>GREATER</b> than 1% of the container?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Is there observable 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) liquids?	<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"/>	
<b>TRUPACT II Criteria</b>			
Are there heat-sealed bags (unvented) <b>GREATER</b> than 4 liters and <b>LESS</b> 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 <b>GREATER</b> 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>Philip Dillard</u>			<u>08/02/2010</u>
Print Name		Signature	Date