



 **ENTERED**
Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
MAY - 4 2011



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 Containers from Waste Stream LA-MIN03-NC.001

Dear Mr. Bearzi:

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

- A. A list of remediated containers being shipped;
- B. Evidence that each container has been remediated in accordance with approved Los Alamos National Laboratory (LANL) procedures; and
- C. Evidence that Non-Conformance Reports (NCRs) written for prohibited liquid have been dispositioned appropriately by the Central Characterization Project (CCP).

Enclosed is a digital video disk (DVD) containing the required documents for 49 containers listed on the enclosure of this letter. Each container listed has its Real-Time Radiography (RTR) Batch Data Report (BDR), Non-Conformance Report (NCR) disposition information, and Prohibited Item Disposition (PID) form. The containers listed with an asterisk (*) do not have a NCR written due to the prohibited liquid being identified during RTR pre-screen. The PID for some container shows the parent containers and the daughter container. These daughter containers passed RTR and do not have a nonconformance report. **All containers in this group are daughter drums.** The PID does identify that the container has been remediated for liquids.

We certify under penalty of law that this document and all enclosures were prepared under our direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

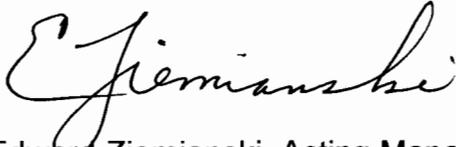


James Bearzi

-2-

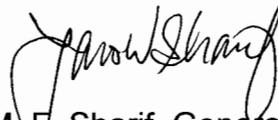
MAY - 4 2011

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



Edward Ziemianski, Acting Manager
Carlsbad Field Office

Sincerely,



M. F. Sharif, General Manager
Washington TRU Solutions LLC

Enclosure

cc: w/enclosure
S. Zappe, NMED

*ED

cc: w/o enclosure

| | |
|----------------------|----|
| N. Castaneda, CBFO | ED |
| G. Basabilvazo, CBFO | ED |
| S. McCauslin, CBFO | ED |
| D. Haar, WTS | ED |
| D. Ploetz, WTS | ED |
| M. Percy, WTS | ED |
| J. Eastham, WTS | ED |
| Site Documents | ED |
| CBFO M&RC | |

*ED denotes electronic distribution

Los Alamos National Laboratory (LANL) LA-MIN03-NC.001
Listed Containers

| LANL LA-MIN03-NC.001 Containers | | |
|--|---------------------|--------------------|
| # | Container ID | RTR BDR's |
| 1. | 85389 | LA-RTR2-10-0126_R1 |
| 2. | 85478 | LA-RTR2-10-0127_R1 |
| 3. | 85492 | LA-RTR2-10-0155 |
| 4. | 85501 | LA-RTR2-10-0154 |
| 5. | 85505 | LA-RTR2-10-0127_R1 |
| 6. | 85863 | LA-RTR2-10-0152 |
| 7. | 87026 | LA-RTR2-11-0001 |
| 8. | 87034 | LA-RTR2-11-0001 |
| 9. | 87040 | LA-RTR2-11-0002 |
| 10. | 87045 | LA-RTR2-11-0003 |
| 11. | 87049 | LA-RTR2-11-0003 |
| 12. | 87056 | LA-RTR2-11-0003 |
| 13. | 87057 | LA-RTR2-10-0154 |
| 14. | 87067 | LA-RTR2-11-0001 |
| 15. | 87068 | LA-RTR2-11-0001 |
| 16. | 87075 | LA-RTR2-11-0001 |
| 17. | 87076 | LA-RTR2-11-0001 |
| 18. | 87079 | LA-RTR2-11-0001 |
| 19. | 87089 | LA-RTR2-11-0001 |
| 20. | 87094 | LA-RTR2-11-0001 |
| 21. | 87098 | LA-RTR2-11-0002 |
| 22. | 87101 | LA-RTR2-11-0002 |
| 23. | 87108 | LA-RTR2-11-0002 |
| 24. | 87117 | LA-RTR2-11-0002 |
| 25. | 87161 | LA-RTR2-11-0002 |
| 26. | 87163 | LA-RTR2-11-0002 |
| 27. | 87166 | LA-RTR2-11-0002 |
| 28. | 87167 | LA-RTR2-11-0003 |
| 29. | 87179 | LA-RTR2-11-0003 |
| 30. | 87181 | LA-RTR2-11-0003 |
| 31. | 87186 | LA-RTR2-11-0003 |
| 32. | 87190 | LA-RTR2-10-0149 |
| 33. | 87192 | LA-RTR2-11-0002 |
| 34. | 87199 | LA-RTR2-11-0002 |
| 35. | 87201 | LA-RTR2-11-0002 |
| 36. | 87205 | LA-RTR2-10-0149 |
| 37. | 87207 | LA-RTR2-10-0149 |
| 38. | 87212 | LA-RTR2-10-0149 |
| 39. | 87218 | LA-RTR2-10-0149 |
| 40. | 87225 | LA-RTR2-10-0153 |
| 41. | 87231 | LA-RTR2-10-0153 |
| 42. | 87236 | LA-RTR2-10-0153 |

Los Alamos National Laboratory (LANL) LA-MIN03-NC.001
Listed Containers

| LANL LA-MIN03-NC.001 Containers | | |
|--|---------------------|------------------|
| # | Container ID | RTR BDR's |
| 43. | 87241 | LA-RTR2-10-0149 |
| 44. | 87244 | LA-RTR2-10-0149 |
| 45. | 87249 | LA-RTR2-10-0149 |
| 46. | 87255 | LA-RTR2-10-0149 |
| 47. | 87256 | LA-RTR2-10-0149 |
| 48. | 87261 | LA-RTR2-10-0149 |
| 49. | 87262 | LA-RTR2-10-0149 |



Tuesday, April 12, 2011

CONTAINERID: 85389

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 85389 | 55G | LA0000085389 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 4 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|--------------------|-------------|---------------|
| 2LANDA0700 | NDA | Complete |
| LA-RTR2-10-0126_R1 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 85389 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 85389 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0126, rev. 1 K07 1/11/2011 |
| Examination Date: | 10/21/2010 |
| Waste Container ID: | 85389 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0126 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 213.4 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 179.3 _____ 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: 85389

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Cut up liner lids, plastic bags |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): | 6.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.5 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 0.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 2.5 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 175.8 |
| Soils (S): | |
| Total WMP Weight: | 179.3 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85389

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: Chris Farquhar | | | |
| Print Name | Signature | Date | |

Chris Farquhar
10/21/2010

Chris Farquhar
1/20/2011

ATTACHMENT 4

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5.4.10

10[3] Parent Drum No.: 5800485

11[15] Daughter Drum No.: 85389

| Step | Condition |
|-----------|--|
| 10[14] | RCRA Designation (EPA Codes): <u>D007 F001 F002</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 GAL</u> |
| 10[70] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5cup</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

UET

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

Revision: 1

Effective Date: 4/27/10

Page: 62 of 63

ATTACHMENT 4

Page 2 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5.4.10

10[3] Parent Drum No.: S 800485

11[15] Daughter Drum No.: 85389

Comments: N/C

10[76] Performed By: JOHN MARTINEZ [Signature] 206784 5.4.10
Name (Print) Signature Z# Date

10[78] Supervision: Gina M. Stansbury [Signature] 206784 5.4.10
Name (Print) Signature Z# Date

CONTAINERID: 85478

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 85478 | 55G | LA0000085478 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 1 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|--------------------|-------------|---------------|
| 2LANDA0700 | NDA | Complete |
| LA-RTR2-10-0127_R1 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 85478 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 85478 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0127, rev. 1 KOZ 1/11/2011 |
| Examination Date: | 10/21/2010 |
| Waste Container ID: | 85478 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0127 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 220.9 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 186.8 _____ 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)

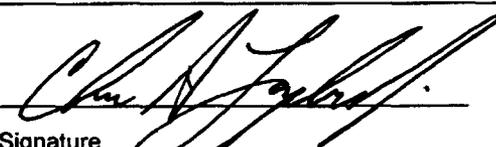
Waste Container ID: 85478

| |
|---|
| Absorbent Plastic bags Solidified material (sludge) |
|---|

| | |
|--------------------------------------|--------------|
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 6.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.1 |
| 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): | 185.3 |
| Soils (S): | |
| Total WMP Weight: | 186.8 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85478

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | <u>10/21/2010</u> | |
| Print Name | Signature | Date | |
| |  | <u>1/20/2011</u> | |

ATTACHMENT 4

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5.6.10

10[3] Parent Drum No.: 580592

11[15] Daughter Drum No.: 85478

| 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>5 LUMP</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: 5.6.10

10[3] Parent Drum No.: 5800592

11[15] Daughter Drum No.: 85478

Comments:

N/C

10[76] Performed By: JOHN MARTINEZ [Signature] 206784 5.6.10
Name (Print) Signature Z # Date

10[78] Supervision: Gina M. SANDS [Signature] 234754 5-6-10
Name (Print) Signature Z # Date

CONTAINERID: 85492

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 85492 | 55G | LA0000085492 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 1 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0732 | NDA | Complete |
| LA-RTR2-10-0155 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 85492 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 85492 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0155 |
| Examination Date: | 12/21/2010 |
| Waste Container ID: | 85492 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0155 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 205.7 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 171.6 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85492

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, piece of cut-up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.8 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 169.3 |
| Soils (S): | |
| Total WMP Weight: | 171.6 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85492

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: Operator trainee Brothers under supervision of qualified operator Farquhar. | | | |
| RTR Operator: Daphne Brothers/Chris Farquhar  12/21/2010 Print Name Signature Date | | | |

ATTACHMENT 4

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5-10-10

10[3] Parent Drum No.: S 803840

11[15] Daughter Drum No.: 85492

| 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>1 GAL</u> |
| 10[70] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>4 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: 5-10-10

10[3] Parent Drum No.: S 803048

11[15] Daughter Drum No.: 85492

Comments:

N/C

10[76] Performed By: John Martinez [Signature] 206784 5-10-10
Name (Print) Signature Z# Date

10[78] Supervision: Glenn H. Stans [Signature] 234254 5-11-10
Name (Print) Signature Z# Date

CONTAINERID: 85501

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 85501 | 55G | LA0000085501 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- 1 (RELEASED) Lot 75 (none) | | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0731 | NDA | Complete |
| LA-RTR2-10-0154 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 85501 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 85501 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0154 |
| Examination Date: | 12/20/2010 |
| Waste Container ID: | 85501 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0154 |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: <u>194.5</u> kg. Tare Wt: <u>36.4</u> kg. <i>24.4</i> Net Wt: <u>158.4</u> kg. <i>160.1</i> |
| 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)

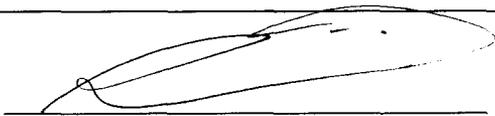
Waste Container ID: 85501

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|---|
| Metal banding |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|---|--|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag ^{PO 1/21/11} | 8.4 6.7 ^{PO 1/21/11} |
| Others: | 0.0 ^{PO 1/21/11} |
| Total Packaging Weight: | 36.1 34.4 ^{PO 1/21/11} |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 1.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 156.0 157.7 ^{PO 1/21/11} |
| Soils (S): | |
| Total WMP Weight: | 458.4 160.1 ^{PO 1/21/11} |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85501

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 12/20/2010 |
| Print Name | Signature | | Date |

ATTACHMENT 4

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5-11-10

10[3] Parent Drum No.: 5800553

11[15] Daughter Drum No.: 85501

| 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>3 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: 5-11-10

10[3] Parent Drum No.: S900553

11[15] Daughter Drum No.: B5501

Comments: _____
N/C

10[76] Performed By: Roberto Baca [Signature] 1234078 5/12/10
Name (Print) Signature Z# Date

10[78] Supervision: Chen Sanchez [Signature] 1176-4451 5/12/10
Name (Print) Signature Z# Date

CONTAINERID: 85505

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 85505 | 55G | LA0000085505 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 4 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|--------------------|-------------|---------------|
| 1LANDA1312 | NDA | Complete |
| LA-RTR2-10-0127_R1 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 85505 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 85505 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0127, rev. 1 <i>MOZ 1/11/2011</i> |
| Examination Date: | 10/21/2010 |
| Waste Container ID: | 85505 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0127 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 210.2 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 176.1 _____ 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)

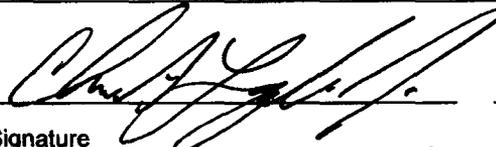
Waste Container ID: 85505

| |
|------------------------------|
| Scrap metal |
| Absorbent |
| Plastic bags |
| Solidified material (sludge) |

| | |
|--------------------------------------|-------|
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 6.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.1 |
| Iron-based Metal / Alloys (IM): | 0.5 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 0.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.5 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 174.6 |
| Soils (S): | |
| Total WMP Weight: | 176.1 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85505

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | <u>10/21/2010</u> | |
| Print Name | Signature | Date | |
| |  | <u>1/20/2011</u> | |

ATTACHMENT 4

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5-11-10

10[3] Parent Drum No.: 5800515

11[15] Daughter Drum No.: 85505

| 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>D007 D008 D009 F001</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 GAL</u> |
| 10[70] | <input type="checkbox"/> Amount of absorbent used: <u>11 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: 5-11-10

10[3] Parent Drum No.: S 800515

11[15] Daughter Drum No.: 85505

Comments: _____
_____ *N/C* _____

10[76] Performed By: Roberto Bana [Signature] 234078 5/12/10
Name (Print) Signature Z # Date

10[78] Supervision: Char Sanchez [Signature] 1176445 5/14/10
Name (Print) Signature Z # Date

ATTACHMENT 4

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

10[13] Date: 5-19-10

10[3] Parent Drum No.: S 850549

11[15] Daughter Drum No.: 85683

| Step | Condition |
|-----------|--|
| 10[14] | RCRA Designation (EPA Codes): <u>D007 0008 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): |
| 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</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

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

Revision: 2

Effective Date: 05/06/10

UET

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ATTACHMENT 4

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LIQUID REMEDIATION CHECKLIST

10[13] Date: 5-19-10

10[3] Parent Drum No.: S 850549

11[15] Daughter Drum No.: 85683

Comments: n/c

10[76] Performed By: Robert J. [Signature] 234078 5-19-10
Name (Print) Signature Z # Date

10[78] Supervision: Chau [Signature] 176445 5-19-10
Name (Print) Signature Z # Date

CONTAINERID: 85683

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 85683 | 55G | LA0000085683 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 1 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1335 | NDA | Complete |
| LA-RTR2-10-0152 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 85683 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 85683 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0152 |
| Examination Date: | 12/14/2010 |
| Waste Container ID: | 85683 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0152 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 170.4 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 136.0 _____ 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: | _____ 70 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

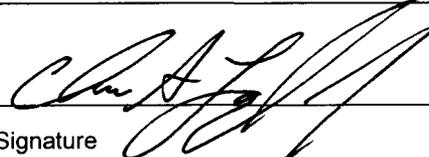
Waste Container ID: 85683

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal closure ring, scrap metal |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 1.5 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 5.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 128.2 |
| Soils (S): | |
| Total WMP Weight: | 136.0 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 85683

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 12/14/2010 |
| Print Name | Signature | Date | |

CONTAINERID: 87026

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87026 | 55G | LA0000087026 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0734 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87026 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87026 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87026 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 213.7 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 179.3 _____ 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)

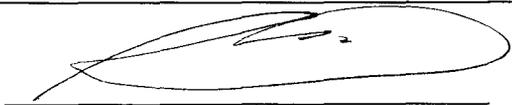
Waste Container ID: 87026

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 169.0 |
| Soils (S): | |
| Total WMP Weight: | 179.3 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87026

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/10/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

9.14.2010

8.[4]

Parent Drum No.:

\$ 831562

9.[14]

Daughter Drum No.:

87026

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6.11.11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb <u>KOZ 10/27/2010</u> |
| 8.[69][D] | RCRA Designation: <u>D005 HAZ</u> RCRA Designation: <u>D008 NA KOZ</u> RCRA Designation: <u>D008 NA KOZ</u> RCRA Designation: <u>F001 NA 10/27/2010</u> |
| 8.[69][E] | Daughter Drum No.: <u>87026</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gal.</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>13 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: u/c

8.[79] Performed By: Brian Fordham Brian Fordham 235635 1 9-14-10
Operator (Print) Signature Z# Date

8.[81] Reviewed By: Gina M. Sands Gina M. Sands 234258 9-14-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130386 9-15-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 1521497 9-15-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87034

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87034 | 55G | LA0000087034 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1342 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87034 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87034 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87034 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 201.5 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 167.1 _____ 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: 87034

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |
| 400ML. of Observable liquid at 32 inches |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 155.8 |
| Soils (S): | |
| Total WMP Weight: | 167.1 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87034

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: 400ML. of Observable liquid at 32 inches | | | |
| RTR Operator: Philip Dillard  01/10/2011 | | | |
| Print Name | | Signature | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

4.3[13][A] **(S)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(S) No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] **(S)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] **(S)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] **(S)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

9/14/10

8.[4]

Parent Drum No.:

5822396

9.[14]

Daughter Drum No.:

87034

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>Haz</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87034</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 gal.</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 scoops</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Clayton Mellins Operator (Print) [Signature] Signature 240094 Z# 9/14/10 Date

8.[81] Reviewed By: Eric H. Sands Supervision (Print) [Signature] Signature 234234 Z# 9/14/10 Date

13.1[2][C] Reviewed By: Robert L. Griffiths CSE (print) [Signature] Signature 030356 Z# 9-15-10 Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Talbert SOM or designee (print) [Signature] Signature 1121967 Z# 9-15-10 Date

CONTAINERID: 87040

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87040 | 55G | LA0000087040 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1345 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87040 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87040 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87040 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 191.3 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 157.2 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87040

| Section 3: Container Inventory and Comments (Detailed descriptions) | |
|--|--|
| Absorbent | |
| Plastic bag, cut up liner lid | |
| Solidified material (sludge) | |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 145.9 |
| Soils (S): | |
| Total WMP Weight: | 157.2 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87040

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: <div style="display: flex; justify-content: space-between;"> Philip Dillard  01/14/2011 </div> | | | |
| Print Name | | Signature | Date |

UET

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(S)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (S)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(S)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(S)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(S)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9/14/10
- 8.[4] Parent Drum No.: 5822392
- 9.[14] Daughter Drum No.: 87040

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>022275</u> Cal. Expiration Date: <u>10/14/10^{CM} 6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87040</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 gal.</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>14 scoops</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Clayton Mullins Signature: [Signature] Z# 1290072 Date 9/14/10
 Operator (Print)

8.[81] Reviewed By: Eric H. Sands Signature: [Signature] Z# 734254 Date 9/14/10
 Supervision (Print)

13.1[2][C] Reviewed By: Robert L. Giffers Signature: [Signature] Z# 1130352 Date 9-15-10
 CSE (print)

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalkert Signature: [Signature] Z# 1121447 Date 9-15-10
 SOM or designee (print)

CONTAINERID: 87045

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87045 | 55G | LA0000087045 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0740 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87045 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87045 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87045 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| NCR(s) associated with the container? (e.g., Prohibited Items) | <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES NCR No.: _____ N/A NCR No.: _____ N/A |

| Section 2: Waste Container Data | |
|--|---|
| Container Type: | 55 Gallon Drum |
| TRUCON Code: | LA211 |
| Waste Matrix Code: | S3120 |
| Waste Stream I.D.: | LA-MIN03-NC.001 |
| Waste Container Weights: | Gross Wt: _____ 175.2 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 140.8 _____ 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: | _____ 80 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Page 2 of 3

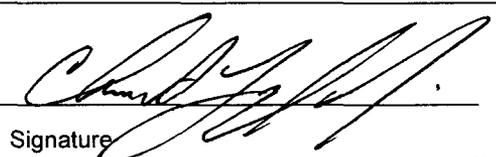
Waste Container ID: 87045

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 129.5 |
| Soils (S): | |
| Total WMP Weight: | 140.8 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87045

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 01/15/2011 |
| Print Name | Signature | Date | |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

8.[4]

Parent Drum No.:

9.[14]

Daughter Drum No.:

9/15/10
5822362
87049

ATTACHMENT 3

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5822362

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>NA</u> |
| 8.[69][E] | Daughter Drum No.: <u>87045</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal.</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>10 scoops</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Clayton Mullins [Signature] 1240078 9/15/10
Operator (Print) Signature Z # Date

8.[81] Reviewed By: Gina M. Sands [Signature] 234234 9-15-10
Supervision (Print) Signature Z # Date

13.1[2][C] Reviewed By: Rosemar L. Griffis [Signature] 1130351 9-16-10
CSE (print) Signature Z # Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gina M. Welsh [Signature] 114819 9-16-10
SOM or designee (print) Signature Z # Date

CONTAINERID: 87049

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87049 | 55G | LA0000087049 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0740 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87049 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87049 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87049 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 187.8 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 153.4 _____ 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: | _____ 90 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87049

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |
| 5mL. of observable liquid at 6" |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 142.1 |
| Soils (S): | |
| Total WMP Weight: | 153.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87049

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: 5mL. of observable liquid at 6" | | | |
| RTR Operator: Chris Farquhar  01/15/2011 _____ Print Name Signature Date | | | |

UET

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9-15-10
- 8.[4] Parent Drum No.: 5822353
- 9.[14] Daughter Drum No.: 87049

ATTACHMENT 3

5822353

| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>0007, 0008, 0009, F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10/80</u> Tolerance: <u>+/- 3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>Haz</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87049</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gal</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/A

8.[79] Performed By: Anthony V. [Signature] Operator (Print) Anthony V. [Signature] Signature 118424 Z# 9-15-10 Date

8.[81] Reviewed By: Siha M. [Signature] Supervision (Print) [Signature] Signature 24254 Z# 9-15-10 Date

13.1[2][C] Reviewed By: Roger L. [Signature] CSE (print) [Signature] Signature 1130356 Z# 9-16-10 Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gail M. [Signature] SOM or designee (print) Gail M. [Signature] Signature 114849 Z# 9-16-10 Date

CONTAINERID: 87056

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87056 | 55G | LA0000087056 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0740 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87056 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87056 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87056 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 174.1 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 139.7 _____ 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: | _____ 80 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

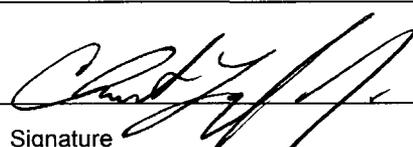
Waste Container ID: 87056

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 128.4 |
| Soils (S): | |
| Total WMP Weight: | 139.7 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87056

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | | <u>01/15/2011</u> |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ ~~No~~ non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ ~~No~~ metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

9.16.2010

8.[4]

Parent Drum No.:

822372

9.[14]

Daughter Drum No.:

87056

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10 to 80^r</u> Tolerance: <u>+- 3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87056</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1 GAL</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>3 CUPS</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Brian Fordham Brian Fordham 235835 9-16-2010
 Operator (Print) Signature Z# Date

8.[81] Reviewed By: Ben Rodriguez Ben Rodriguez 117730 9-16-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 117032 9-22-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Paul M. Welsh Paul M. Welsh 117819 9-20-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87057

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87057 | 55G | LA0000087057 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 1 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0731 | NDA | Complete |
| LA-RTR2-10-0154 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87057 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87057 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0154 |
| Examination Date: | 12/20/2010 |
| Waste Container ID: | 87057 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0154 |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: <u>214.8</u> kg. Tare Wt: <u>34.1 34.4</u> kg. <i>90 1/2" 90 1/2"</i> Net Wt: <u>180.7 180.4</u> kg. <i>90 1/2" 90 1/2"</i> |
| 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)

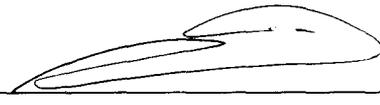
Waste Container ID: 87057

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|---|
| Absorbent |
| Plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|---|--|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, 1: near bag ^{PP 1/2 1/4} | 6.4 6.7 ^{PP 1/2 1/4} |
| Others: | 0.0 |
| Total Packaging Weight: | 34.1 34.4 ^{PP 1/2 1/4} |
| Waste Material Parameter: | Estimated Weight (kg) |
| 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): | 0.3 |
| Organic Matrix (OR): | 178.4 178.1 ^{PP 1/2 1/4} |
| Inorganic Matrix (IN): | |
| Soils (S): | 180.7 180.4 ^{PP 1/2 1/4} |
| Total WMP Weight: | 180.7 180.4 ^{PP 1/2 1/4} |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87057

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 12/20/2010 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] **(S) No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3)** SAT UNSAT

(S) No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] **(S) Boundaries of the SSSR Process Area are defined: (TSR 1.1)** SAT UNSAT

4.3[13][C] **(S) Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6)** SAT UNSAT

4.3[14] **(S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5)** SAT UNSAT N/A

8.[16]

Date:

9.16.2010

8.[4]

Parent Drum No.:

\$ 841595

9.[14]

Daughter Drum No.:

87057

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6.11.11</u> Range in ft-lb: <u>0 to 80</u> Tolerance: <u>+/- 3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87057</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 Gal</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>9 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: n/c

8.[79]

Performed By:

Brian Foxman
Operator (Print)

Signature

Brian Foxman

235635

Z#

Date

9-16-2010

8.[81]

Reviewed By:

Ben Rodriguez
Supervision (Print)

Signature

Ben Rodriguez

Z#

Date

235635
9-16-10

13.1[2][C]

Reviewed By:

Robert L. G...
CSE (print)

Signature

Robert L. G...

Z#

Date

11203219-20-10

13.1[2][E]

Acceptance criteria satisfied:

YES

NO

13.1[2][H]

Reviewed By:

Gail M. Wash
SOM or designee (print)

Signature

Gail M. Wash

Z#

Date

114846 9-20-10

CONTAINERID: 87067

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87067 | 55G | LA0000087067 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0734 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87067 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87067 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87067 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 193.4 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 159.0 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87067

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 147.7 |
| Soils (S): | |
| Total WMP Weight: | 159.0 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87067

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/10/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(S)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (S)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(S)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(S)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(S)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9/16/10
- 8.[4] Parent Drum No.: S 822411
- 9.[14] Daughter Drum No.: 87067

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>0007 0008 0009 F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/-3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HA2</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87067</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gallons</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>13 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Robert B... Signature: [Signature] Z# 12340781 Date 9/16/10
 Operator (Print)

8.[81] Reviewed By: Ben Rodriguez Signature: [Signature] Z# 123779 Date 9-16-10
 Supervision (Print)

13.1[2][C] Reviewed By: Robert L. Griffin Signature: [Signature] Z# 113231619-20-110 Date 9-20-10
 CSE (print)

13.1[2][E] Acceptance criteria satisfied: YES NO
 13.1[2][H] Reviewed By: Jim Wells Signature: [Signature] Z# 114844 Date 9-20-10
 SOM or designee (print)

CONTAINERID: 87068

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87068 | 55G | LA0000087068 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1342 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87068 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87068 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87068 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 185.0 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 150.6 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87068

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 139.1 |
| Soils (S): | |
| Total WMP Weight: | 150.6 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87068

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/10/2011 |
| Print Name | Signature | | Date |

UET

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(\$)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(\$)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(\$)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(\$)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9/16/10
- 8.[4] Parent Drum No.: S 822401
- 9.[14] Daughter Drum No.: 87068

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>SAT</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87068</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 Gal</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>9 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/A

8.[79] Performed By: Roberto Bacc [Signature] 1234078 9/14/10
Operator (Print) Signature Z# Date

8.[81] Reviewed By: Ben Rodriguez [Signature] 1222201 9-16-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Denise L. Gentry [Signature] 1130391 9-20-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gail Welsh [Signature] 114841 9-20-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87075

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87075 | 55G | LA0000087075 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0734 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87075 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87075 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87075 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 182.6 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 148.2 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87075

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Bolt, metal banding |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.5 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 136.4 |
| Soils (S): | |
| Total WMP Weight: | 148.2 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87075

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/10/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9/20/10
- 8.[4] Parent Drum No.: S 822406
- 9.[14] Daughter Drum No.: 87075

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>SAT</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>81075</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 Gal</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>9LWPS</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Roberto Bacc Signature: [Signature] Z#: 1234567 Date: 9/20/10
Operator (Print) Signature Z# Date

8.[81] Reviewed By: Eric M. Studs Signature: [Signature] Z#: 1234567 Date: 9-20-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Signature: [Signature] Z#: 1234567 Date: 9-21-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gail M. Walsh Signature: [Signature] Z#: 114849 Date: 9-21-10
SCM or designee (print) Signature Z# Date

CONTAINERID: 87076

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87076 | 55G | LA0000087076 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0734 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87076 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87076 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87076 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 180.9 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 146.5 _____ 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: 87076

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 135.0 |
| Soils (S): | |
| Total WMP Weight: | 146.5 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87076

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | | <u>01/10/2011</u> |
| Print Name | Signature | | Date |

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>SAT</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87076</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1 gallon</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Roberto Bacc Signature: [Signature] Z# 23408 Date 9/20/10
Operator (Print)

8.[81] Reviewed By: Gina H. Stands Signature: [Signature] Z# 920 Date 9/20/10
Supervision (Print)

13.1[2][C] Reviewed By: Robert L. Griffin Signature: [Signature] Z# 112039 Date 9/21/10
CSE (print)

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gina M. Wald Signature: [Signature] Z# 11484 Date 9/21/10
SOM or designee (print)

CONTAINERID: 87079

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 87079 | 55G | LA00000087079 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- 2 (RELEASED) Lot 75 (none) | | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0735 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87079 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87079 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87079 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: <u>188.7</u> kg. Tare Wt: <u>34.4</u> kg. Net Wt: <u>154.3</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)

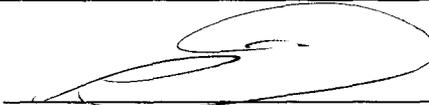
Waste Container ID: 87079

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.5 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 142.5 |
| Soils (S): | |
| Total WMP Weight: | 154.3 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87079

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/10/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(\$)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(\$)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(\$)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(\$)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9/21/10
- 8.[4] Parent Drum No.: 5822350
- 9.[14] Daughter Drum No.: 87079

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87079</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3gal.</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>10 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Clayton Mullins Operator (Print) [Signature] Signature 124099 Z# 9/21/10 Date

8.[81] Reviewed By: Gina H. Sands Supervision (Print) [Signature] Signature 73707 Z# 9-21-10 Date

13.1[2][C] Reviewed By: Robert L. Griffith CSE (print) [Signature] Signature 113038 Z# 9-22-10 Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Paul Welsh SOM or designee (print) [Signature] Signature 114844 Z# 9-22-10 Date

CONTAINERID: 87089

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87089 | 55G | LA0000087089 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1343 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87089 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87089 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87089 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 179.9 _____ kg. Tare Wt: _____ 34.4 _____ 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: 87089

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 134.0 |
| Soils (S): | |
| Total WMP Weight: | 145.5 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87089

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | | <u>01/10/2011</u> |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$)
 (\$) No non-metal WASTE CONTAINERS \leq 26 ft from SSSR
 Process Area (SR 4.7.3) SAT UNSAT
- (\$)
 (\$) No metal WASTE CONTAINERS \leq 7 ft from SSSR
 Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$)
 (\$) Boundaries of the SSSR Process Area are
 defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$)
 (\$) Total volume of flammable liquids within the
 SSSR Process Area Boundaries for operation and
 maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$)
 (\$) No flammable liquids are stored within the
 SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9/21/10
- 8.[4] Parent Drum No.: 3831596
- 9.[14] Daughter Drum No.: 87089

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|---------------------------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[25][B] ¹⁻²⁴ | <input checked="" type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>039275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAD</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87089</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1 gallon</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: n/c

8.[79] Performed By: Harvey Martinez Harvey Martinez 157017 9-21-10
Operator (Print) Signature Z# Date

8.[81] Reviewed By: Gina M. Stubs Gina M. Stubs 234251 9-21-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Gilbi Robert L. Gilbi 1130356 9-22-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO
13.1[2][H] Reviewed By: Gael Welsh Gael Welsh 114819 9-22-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87094

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87094 | 55G | LA0000087094 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1342 | NDA | Complete |
| LA-RTR2-11-0001 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87094 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87094 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0001 |
| Examination Date: | 01/10/2011 |
| Waste Container ID: | 87094 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0001 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 186.0 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 151.6 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

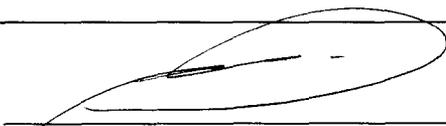
Waste Container ID: 87094

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 140.1 |
| Soils (S): | |
| Total WMP Weight: | 151.6 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87094

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | | <u>01/10/2011</u> |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16] Date: 09-21-10
8.[4] Parent Drum No.: 5831636
9.[14] Daughter Drum No.: 87094.

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87094</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gallons</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>18 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Harvey Martinez Harvey Martinez 151017 9-21-10
Operator (Print) Signature Z# Date

8.[81] Reviewed By: Gina M. Sands Gina M. Sands 134159 9-21-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1730356 9-22-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gail Welsh Gail Welsh 1148149 9-22-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87098

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87098 | 55G | LA0000087098 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1346 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87098 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87098 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87098 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 166.8 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 132.4 _____ 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: | _____ 90 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87098

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 121.0 |
| Soils (S): | |
| Total WMP Weight: | 132.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87098

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | | <u>01/14/2011</u> |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

9-22-10

8.[4]

Parent Drum No.:

5831616

9.[14]

Daughter Drum No.:

87098

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87098</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gallons</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>7 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Harvey Martinez Harvey Martinez 151017 9-22-10
Operator (Print) Signature Z# Date

8.[81] Reviewed By: Gina M. Sands Gina M. Sands 234254 9-22-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130352 9-23-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 1124471 9-27-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87101

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 87101 | 55G | LA0000087101 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- 2 (RELEASED) Lot 75 (none) | | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| ILANDA1345 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87101 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87101 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87101 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 179.7 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 145.3 _____ 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)

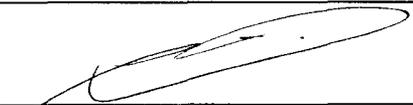
Waste Container ID: 87101

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 133.9 |
| Soils (S): | |
| Total WMP Weight: | 145.3 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87101

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/14/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$)
Process Area (SR 4.7.3) SAT UNSAT
- (\$)
Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$) Boundaries of the SSSR Process Area are
defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$) Total volume of flammable liquids within the
SSSR Process Area Boundaries for operation and
maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$) No flammable liquids are stored within the
SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[16] Date: 9-22-10
- 8.[4] Parent Drum No.: 5831610
- 9.[14] Daughter Drum No.: 87101

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): D007, D008, D009, F001 |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032-275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-20</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87101</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gallons</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Harvey Martinez Harvey Martz 1151017, 9-22-10
 Operator (Print) Signature Z# Date

8.[81] Reviewed By: Gina M. Sands Gina M. Sands 734254 9-22-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130354 9-23-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 112447 9-27-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87108

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87108 | 55G | LA0000087108 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1346 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87108 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87108 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87108 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 189.9 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 155.5 _____ 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: 87108

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 144.2 |
| Soils (S): | |
| Total WMP Weight: | 155.5 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87108

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/14/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$) No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$) No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$) Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

9-22-10

8.[4]

Parent Drum No.:

5822395

9.[14]

Daughter Drum No.:

87108

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3010</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>H1A 2</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87108</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gallons</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>13 LUPS</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/c

8.[79] Performed By: Gilbert Martinez [Signature] 1112351 9-22-10
 Operator (Print) Signature Z# Date

8.[81] Reviewed By: Gina M. Sands [Signature] 1130251 9-22-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffiths [Signature] 1130251 9-23-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert [Signature] 1130251 9-22-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87117

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87117 | 55G | LA0000087117 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1346 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87117 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87117 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87117 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 190.9 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 156.5 _____ 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)

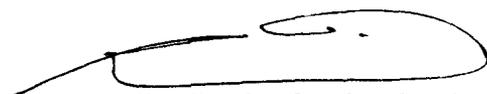
Waste Container ID: 87117

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.3 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 144.9 |
| Soils (S): | |
| Total WMP Weight: | 156.5 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87117

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/14/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[16]

Date:

9/23/10

8.[4]

Parent Drum No.:

5822346

9.[14]

Daughter Drum No.:

87117

ATTACHMENT 3

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| Step | Condition |
|-----------|---|
| 8.[17] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[19] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[24] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[25][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[27] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[30] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>4/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[31] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[33] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[63] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[69][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[69][E] | Daughter Drum No.: <u>87117</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[72] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2gal.</u> |
| 8.[73] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8cups</u> |
| 8.[76] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[79] Performed By: Clayton Mullins Signature [Signature] Z# 1240092 Date 9/23/10
Operator (Print)

8.[81] Reviewed By: Gina M. Stands Signature [Signature] Z# 739254 Date 9-23-10
Supervision (Print)

13.1[2][C] Reviewed By: Robert L. Griffin Signature [Signature] Z# 170354 Date 9-24-10
CSE (print)

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis J. Gilbert Signature [Signature] Z# 114497 Date 9-27-10
SOM or designee (print)

CONTAINERID: 87161

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87161 | 55G | LA0000087161 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1345 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87161 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87161 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87161 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 188.9 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 154.5 _____ 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: 87161

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic gloves, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 2.0 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 142.5 |
| Soils (S): | |
| Total WMP Weight: | 154.5 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87161

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | | <u>01/14/2011</u> |
| Print Name | Signature | | Date |

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>2007, 2008, 2009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87161</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>6 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Martinez 1151017 9-30-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Stands Gina M. Stands 234034 9-30-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130324 10-1-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gail M. Welsh Gail M. Welsh 114849 10-1-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87163

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 87163 | 55G | LA0000087163 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- 2 (RELEASED) Lot 75 (none) | | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1344 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87163 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87163 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87163 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 211.2 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 176.8 _____ 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: 87163

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 165.4 |
| Soils (S): | |
| Total WMP Weight: | 176.8 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87163

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: Philip Dillard | | | |
| Print Name | |  | 01/14/2011 |
| | | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date:

8.[4] Parent Drum No.:

9.[14] Daughter Drum No.:

10/4/10
5251351
87163

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>0007, 0008, 0009, 7001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <u>GDD</u> <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-90</u> Tolerance: <u>±3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>Haz</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87163</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal.</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>12 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: L.M. MONTANO L.M. Montano 1035072 10/4/10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Seeds Gina M. Seeds 1130351 10-4-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Geffis Robert L. Geffis 1130351 10-5-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gina M. Welsh Gina M. Welsh 1130351 10-5-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87166

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87166 | 55G | LA0000087166 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1345 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87166 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87166 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87166 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 202.5 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 168.1 _____ 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: 87166

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 157.7 |
| Soils (S): | |
| Total WMP Weight: | 168.1 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87166

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | 01/14/2011 | |
| Print Name | Signature | Date | |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10/4/10
- 8.[4] Parent Drum No.: 5831555
- 9.[14] Daughter Drum No.: 87166

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D009, 7001, D001, D008</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input type="checkbox"/> Record torque wrench information: MT&E No.: <u>032276</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][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> |
| 8.[70][E] | Daughter Drum No.: <u>8166</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>12 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: L.M. MONTAÑO L.M. Montañó 1055042 10/4/10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: GINA H. STARKS Gina Starks 1287081 10-4-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: ROBERT L. GRIFFIS Robert L. Griffis 1130386 10-5-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO
 13.1[2][H] Reviewed By: CHARL M. WELSH Charl M. Welsh 114849 10-5-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87167

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87167 | 55G | LA0000087167 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 4 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1346 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87167 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87167 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87167 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 197.0 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 162.6 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87167

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 152.3 |
| Soils (S): | |
| Total WMP Weight: | 162.6 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87167

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 01/15/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>P007, D006, D009, 7001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>good</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>4/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/-390</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][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> |
| 8.[70][E] | Daughter Drum No.: <u>587167 #1</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A #2 587172</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>9 chips</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: 2 daughter drums created from 5831553

8.[80] Performed By: L.M. Montaño L.M. Montaño 105542/10/4/10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Sands Gina M. Sands 104235/10-4-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 112030/10-5-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gail M. Wild Gail M. Wild 114849/10-5-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87179

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87179 | 55G | LA0000087179 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1347 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87179 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87179 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87179 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 186.3 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 151.9 _____ 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: | _____ 100 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87179

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 140.4 |
| Soils (S): | |
| Total WMP Weight: | 151.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87179

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | <u>01/15/2011</u> | |
| Print Name | Signature | Date | |

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ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17]

Date:

8.[4]

Parent Drum No.:

9.[14]

Daughter Drum No.:

10-9-10
~~5822378~~ 5822398
87179

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-90</u> Tolerance: <u>±3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87179</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 gal</u> |
| 8.[74] | <input type="checkbox"/> Amount of absorbent used: <u>12 gals</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: NC

8.[80] Performed By: Anthony Vici Anthony Vici 1184864 10-4-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Sands Gina M. Sands 234254 10-4-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Roger L. Griffin Robert L. Griffin 1130732 10-5-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gina M. Sands Gina M. Sands 1184849 10-5-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87181

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87181 | 55G | LA0000087181 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1346 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87181 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87181 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87181 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 187.7 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 153.3 _____ 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)

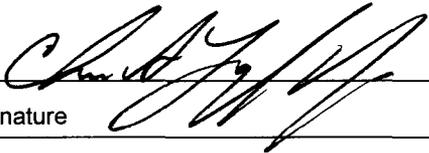
Waste Container ID: 87181

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 142.0 |
| Soils (S): | |
| Total WMP Weight: | 153.3 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87181

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 01/15/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(\$)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(\$)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(\$)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(\$)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-4-10
- 8.[4] Parent Drum No.: 5822369
- 9.[14] Daughter Drum No.: 87181

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>good</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 5%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>82181</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>R Cup</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: NC

8.[80] Performed By: Anthony Vigi Operator (Print) Anthony Vigi Signature 1789269 Z# 10-4-10 Date

8.[82] Reviewed By: Grina M. Stauds Supervision (Print) Grina M. Stauds Signature 2342281 Z# 10-4-10 Date

13.1[2][C] Reviewed By: Robert L. Giff CSE (print) Robert L. Giff Signature 1130354 Z# 10-5-10 Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Grina M. Stauds SCM or designee (print) Grina M. Stauds Signature 114849 Z# 10-5-10 Date

CONTAINERID: 87186

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87186 | 55G | LA0000087186 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1346 | NDA | Complete |
| LA-RTR2-11-0003 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87186 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87186 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0003 |
| Examination Date: | 01/15/2011 |
| Waste Container ID: | 87186 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0003 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 181.4 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 147.0 _____ 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: | _____ 100 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

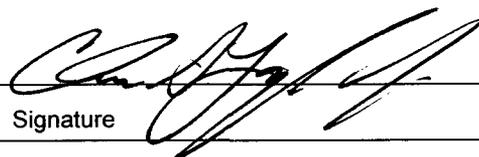
Waste Container ID: 87186

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 135.7 |
| Soils (S): | |
| Total WMP Weight: | 147.0 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87186

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 01/15/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>good</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87196</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>2 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: NC

8.[80] Performed By: Anthony Vigi Anthony Vigi 189264 10-4-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Sands Gina M. Sands 232541 10-4-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130354 10-5-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Gina M. Walsh Gina M. Walsh 114844 10-5-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87190

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87190 | 55G | LA0000087190 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87190 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87190 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87190 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 197.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 161.4 _____ 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)

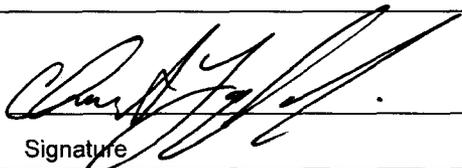
Waste Container ID: 87190

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.5 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 158.1 |
| Soils (S): | |
| Total WMP Weight: | 161.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87190

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 12/10/2010 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$)
No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR
Process Area (SR 4.7.3) SAT UNSAT
- (\$)
No metal WASTE CONTAINERS ≤ 7 ft from SSSR
Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$)
Boundaries of the SSSR Process Area are
defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$)
Total volume of flammable liquids within the
SSSR Process Area Boundaries for operation and
maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$)
No flammable liquids are stored within the
SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10/5/10
- 8.[4] Parent Drum No.: 5831534
- 9.[14] Daughter Drum No.: 87190

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, T001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-90</u> Tolerance: <u>±3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87190</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 GAL</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>11 CUPS</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: L.M. MONTAÑO L.M. MONTAÑO 101042 10/5/10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. SANDS Gina M. Sands 23023 10-5-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 113035W 10-6-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Talbot Louis Talbot 12497 10-7-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87192

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87192 | 55G | LA0000087192 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 1 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1344 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87192 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87192 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87192 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 193.6 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 159.2 _____ 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: | _____ 95 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

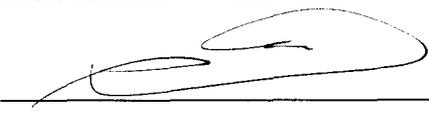
Waste Container ID: 87192

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 147.9 |
| Soils (S): | |
| Total WMP Weight: | 159.2 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87192

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/14/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(\$)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(\$)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(\$)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(\$)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10/5/10
- 8.[4] Parent Drum No.: 5822354
- 9.[14] Daughter Drum No.: 87192

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D001, D008, D009, T001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>652275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>H17</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87192</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>10 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: n/c

8.[80] Performed By: L M MONTAÑO L M Montano 085042 10/5/10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Sands Gina M. Sands 230251 10.5.10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130352 10-6-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 112447 10-7-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87199

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87199 | 55G | LA0000087199 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1344 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87199 | NO DATA | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87199 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 172.1 _____ kg. Tare Wt: _____ 34.4 _____ kg. Net Wt: _____ 137.7 _____ 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: | _____ 85 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87199

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, liner bag | 6.7 |
| Others: | 0.0 |
| Total Packaging Weight: | 34.4 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 126.4 |
| Soils (S): | |
| Total WMP Weight: | 137.7 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87199

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | | <u>01/14/2011</u> |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-5-10
- 8.[4] Parent Drum No.: 5 822414
- 9.[14] Daughter Drum No.: 87.99

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>0007, 0008, 0009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>SAT</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>604Z</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>75-87199</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>10-8-10</u> N/A Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 GAL</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5 GALS</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/A

8.[80] Performed By: Lawrence Rodriguez 1 Lawrence Rodriguez 196284 10-5-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: GILAN SANDS [Signature] 220254 10-5-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: ROBERT L. GRIFFIS [Signature] 113039 10-6-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert [Signature] 124457, 10-7-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87201

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87201 | 55G | LA0000087201 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1344 | NDA | Complete |
| LA-RTR2-11-0002 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87201 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87201 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-11-0002 |
| Examination Date: | 01/14/2011 |
| Waste Container ID: | 87201 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0002 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 196.8 _____ kg. Tare Wt: _____ 34.1 _____ kg. Net Wt: _____ 162.7 _____ 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: 87201

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 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): | 10.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 151.4 |
| Soils (S): | |
| Total WMP Weight: | 162.7 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87201

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Philip Dillard |  | | 01/14/2011 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-5-10
- 8.[4] Parent Drum No.: 5 822394
- 9.[14] Daughter Drum No.: K020 5 87201

10/27/2010

UET

ATTACHMENT 3
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| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>0607, 0608, 0609 F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>S-AT</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-1-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>U42</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>87201</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 GAL</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>15 CUPS</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/A

8.[80] Performed By: Doreen Robinson Doreen Robinson 195511 10-5-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Guia M. Strads Guia M. Strads 234259 10-5-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Gaffis Robert L. Gaffis 113092 10-6-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 121997 10-7-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87205

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87205 | 55G | LA0000087205 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87205 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87205 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87205 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 218.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 182.4 _____ 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)

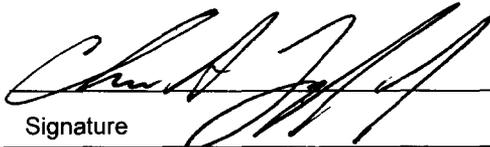
Waste Container ID: 87205

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 179.4 |
| Soils (S): | |
| Total WMP Weight: | 182.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87205

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | <u>12/10/2010</u> | |
| Print Name | Signature | Date | |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$)
Process Area (SR 4.7.3) SAT UNSAT
- (\$)
Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$)
defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$)
maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$)
SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10/6/10
- 8.[4] Parent Drum No.: 6931554
- 9.[14] Daughter Drum No.: 87205

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>D32275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+390</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87205</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>4 GAL</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>14 CUPS</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: LM MONTAÑO LM Montañó 102544 10/4/10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Stads Gina Stads 122424 10-6-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 117032 10-8-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis J. Albert Louis J. Albert 12117 10-8-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87207

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87207 | 55G | LA0000087207 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87207 | NO DATA | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87207 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 179.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 143.4 _____ 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)

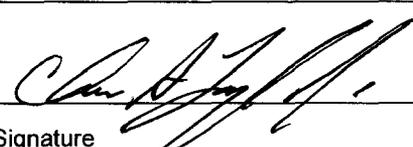
Waste Container ID: 87207

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Cut up liner lid |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.0 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 140.7 |
| Soils (S): | |
| Total WMP Weight: | 143.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87207

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | <u>12/10/2010</u> | |
| Print Name | Signature | Date | |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$) No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$) No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$) Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date: 10/6/10
8.[4] Parent Drum No.: 5831540
9.[14] Daughter Drum No.: 87207

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>0007, 0008, 0009, 7001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>232295</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>Q1207</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 GALS</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5 CUPS</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: L M MONTAÑO L M Montano 153544 10/6/10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: GENA M. SANDS Gene M. Sands 10-6-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: ROBERT L. GARRAS Robert L. Garras 11703561 10-8-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: LOUIS JAKERS Lou Jakers 1121957 10-8-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87212

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87212 | 55G | LA0000087212 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87212 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87212 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87212 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 176.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 140.4 _____ 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: | _____ 90 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

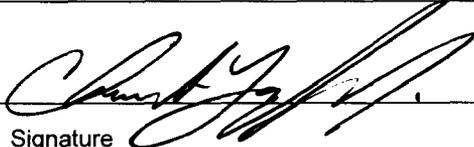
Waste Container ID: 87212

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |
| 3mL. of observable liquid at 6" |
| 2mL. of observable liquid at 5" |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 137.4 |
| Soils (S): | |
| Total WMP Weight: | 140.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87212

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: 3mL. of observable liquid at 6" 2mL. of observable liquid at 5" | | | |
| RTR Operator: Chris Farquhar  12/10/2010 | | | |
| Print Name | | Signature | Date |

ATTACHMENT 3
Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date: 10/6/10
8.[4] Parent Drum No.: 5831608
9.[14] Daughter Drum No.: 87212

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>0007, 0608, 0009, 2001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>good</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87217</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: n/c

8.[80] Performed By: L.M. MONTANO L.M. Montano 105214 10/6/10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina H. Sands Gina H. Sands 105214 10.6.10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffes Robert L. Griffes 11303261 10-8-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis J. Albert Louis J. Albert 12197 10-8-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87218

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87218 | 55G | LA0000087218 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87218 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87218 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87218 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 206.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 169.9 _____ 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: | _____ 90 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87218

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Plastic bag, cut up liner lid |
| Solidified material (sludge) |
| 2mL. of observable liquid at 12" |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 166.9 |
| Soils (S): | |
| Total WMP Weight: | 169.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87218

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: 2mL. of observable liquid at 12" | | | |
| RTR Operator: Chris Farquhar  12/10/2010 | | | |
| Print Name | | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] **(\$)** No non-metal WASTE CONTAINERS \leq 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$)** No metal WASTE CONTAINERS \leq 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] **(\$)** Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] **(\$)** Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is \leq 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] **(\$)** No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-07-10
- 8.[4] Parent Drum No.: 5831639
- 9.[14] Daughter Drum No.: 87218

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>06/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>B7218</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>17 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Maty 151017 10-7-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Studds Gina M. Studds 2342331 10-7-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Rosario L. Griffis Rosario L. Griffis 1130321 10-8-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 121887 10-8-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87225

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87225 | 55G | LA0000087225 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1336 | NDA | Complete |
| LA-RTR2-10-0153 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87225 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87225 | | NO DATA | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0153 |
| Examination Date: | 12/15/2010 |
| Waste Container ID: | 87225 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0153 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 226.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 189.9 _____ 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)

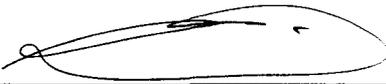
Waste Container ID: 87225

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 2.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.4 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 186.5 |
| Soils (S): | |
| Total WMP Weight: | 189.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87225

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Philip Dillard</u> |  | <u>12/15/2010</u> | |
| Print Name | Signature | Date | |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-07-10
- 8.[4] Parent Drum No.: S831573
- 9.[14] Daughter Drum No.: 87225

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>06/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>NA</u> |
| 8.[70][E] | Daughter Drum No.: <u>B7225</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> Daughter Drum No.: <u>NA</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>14 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Maitly 15107 10-7-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina McStands [Signature] 234254 10-7-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Theresa L. Griffin [Signature] 113038 10-8-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert [Signature] 121997 10-8-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87231

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87231 | 55G | LA0000087231 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1336 | NDA | Complete |
| LA-RTR2-10-0153 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87231 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87231 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0153 |
| Examination Date: | 12/15/2010 |
| Waste Container ID: | 87231 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0153 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 178.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 141.9 _____ 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: 87231

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |
| 1.5ML of observable liquid at 3 inches |
| 1ML of observable liquid at 5 inches |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 1.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.2 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 139.6 |
| Soils (S): | |
| Total WMP Weight: | 141.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87231

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: 1.5ML of observable liquid at 3 inches 1ML of observable liquid at 5 inches | | | |
| RTR Operator: Philip Dillard  12/15/2010 | | | |
| Print Name | | Signature | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT
- (\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-07-10
- 8.[4] Parent Drum No.: 5831813
- 9.[14] Daughter Drum No.: 87231

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>06/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>±3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87231</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Marty 151017 10-7-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina H. Stans [Signature] 234254 10-7-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Roger L. Grass [Signature] 1130356 10-8-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis J. Albert [Signature] 121447 10-8-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87236

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87236 | 55G | LA0000087236 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1337 | NDA | Complete |
| LA-RTR2-10-0153 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87236 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87236 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0153 |
| Examination Date: | 12/15/2010 |
| Waste Container ID: | 87236 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0153 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 199.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 162.9 _____ 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: 87236

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 2.0 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.4 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 159.5 |
| Soils (S): | |
| Total WMP Weight: | 162.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87236

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: Operator Trainee Daphne Brothers under supervision of qualified operator Philip Dillard | | | |
| RTR Operator: Philip Dillard/Daphne Brothers  12/15/2010 | | | |
| Print Name | | Signature | Date |

ATTACHMENT 3
Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date: 10-7-10
8.[4] Parent Drum No.: 5822368
9.[14] Daughter Drum No.: 87236

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>06/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>B7236</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>10 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Martz 151017 10-7-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Sina M. SANDS Sina M. Sands 234251 10-7-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. GRIFFIS Robert L. Griffis 1130382 10-8-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 124497 10-8-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87241

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87241 | 55G | LA0000087241 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0725 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87241 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87241 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87241 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 189.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 153.4 _____ 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)

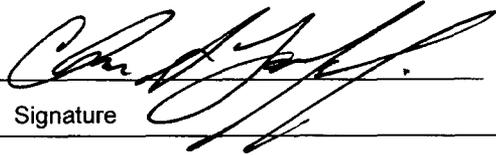
Waste Container ID: 87241

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 150.9 |
| Soils (S): | |
| Total WMP Weight: | 153.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87241

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | 12/10/2010 | |
| Print Name | Signature | Date | |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date: 10.12.10
8.[4] Parent Drum No.: 8831586
9.[14] Daughter Drum No.: 87241

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10 to 80</u> Tolerance: <u>± 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87241</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>10 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Brian Foxman Brian Foxman 7235835 10-12-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Strub Gina M. Strub 7234234 10-12-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Rosier L. Gaffis Robert L. Gaffis 11303561 10-13-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Talbert Louis Talbert 124547 10-13-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87244

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87244 | 55G | LA0000087244 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0725 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87244 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87244 | | NO DATA | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87244 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 182.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 145.9 _____ 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: 87244

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 0.4 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 142.7 |
| Soils (S): | |
| Total WMP Weight: | 145.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87244

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 12/10/2010 |
| Print Name | Signature | Date | |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date: 10.12.10
8.[4] Parent Drum No.: 3831549
9.[14] Daughter Drum No.: 87244

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007; D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>082275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10 to 80</u> Tolerance: <u>+/- 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87244</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>7 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Brian Fordham Brian Fordham 75055 10-12-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. SANDS Gina M. Sands 234251 10-12-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Lorimer L. GRIFFS Lorimer L. Griffis 113032d 10-13-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 121647 10-13-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87249

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87249 | 55G | LA0000087249 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0725 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87249 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87249 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87249 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 174.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 138.4 _____ 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: 87249

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Absorbent |
| Cut up liner lid, plastic bag |
| Solidified material (sludge) |

| Section 4: Packaging Material and Waste Material Parameters | |
|--|-----------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 135.4 |
| Soils (S): | |
| Total WMP Weight: | 138.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87249

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 12/10/2010 |
| Print Name | Signature | | Date |

ATTACHMENT 3

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LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17] Date: 10.12.10
8.[4] Parent Drum No.: 5831592
9.[14] Daughter Drum No.: 87249

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007; D008; D009; F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <u>GOOD</u> <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10 to 80</u> Tolerance: <u>+ 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87249</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Brian Forham B. Forham 1235435 10-12-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Sards Gina M. Sards 234227 10-12-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Giffis Robert L. Giffis 1130792 10-13-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Talbot Louis Talbot 1121997 10-13-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87255

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87255 | 55G | LA0000087255 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87255 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87255 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87255 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 204.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 168.4 _____ 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: | _____ 90 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87255

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 165.4 |
| Soils (S): | |
| Total WMP Weight: | 168.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87255

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | <u>12/10/2010</u> | |
| Print Name | Signature | Date | |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[13][A] (\$)
No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR
Process Area (SR 4.7.3) SAT UNSAT
- (\$)
No metal WASTE CONTAINERS ≤ 7 ft from SSSR
Process Area (SR 4.7.4) SAT UNSAT
- 4.3[13][B] (\$)
Boundaries of the SSSR Process Area are
defined: (TSR 1.1) SAT UNSAT
- 4.3[13][C] (\$)
Total volume of flammable liquids within the
SSSR Process Area Boundaries for operation and
maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT
- 4.3[14] (\$)
No flammable liquids are stored within the
SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A
- 8.[17] Date: 10-12-10
- 8.[4] Parent Drum No.: 5831606
- 9.[14] Daughter Drum No.: 87255

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F007</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>SAT</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87255</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 Gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>9 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Roberto Baca [Signature] 1234028 10-12-10
 Operator (Print) Signature Z# Date

8.[82] Reviewed By: Gina M. Sands [Signature] 734724 10-12-10
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Rosner L. Griffin [Signature] 1132352 10-13-10
 CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbero [Signature] 124971 10-13-10
 SOM or designee (print) Signature Z# Date

CONTAINERID: 87256

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87256 | 55G | LA0000087256 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 1LANDA1333 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87256 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87256 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87256 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 196.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 160.4 _____ 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: 87256

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 157.9 |
| Soils (S): | |
| Total WMP Weight: | 160.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87256

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | | <u>12/10/2010</u> |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$) No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(S) No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$) Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17]

Date:

10-12-10

8.[4]

Parent Drum No.:

S 831587

9.[14]

Daughter Drum No.:

87256

UET

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>SAT</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>632275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>H12</u> RCRA Designation: <u>N/C</u> |
| 8.[70][E] | RCRA Designation: <u>N/C</u> RCRA Designation: <u>N/C</u> |
| 8.[70][E] | Daughter Drum No.: <u>87256</u> Daughter Drum No.: <u>N/C</u> |
| 8.[70][E] | Daughter Drum No.: <u>N/C</u> Daughter Drum No.: <u>N/C</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 Gal</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>9 GDS</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

- 8.[80] Performed By: Roberto Brea Signature: [Signature] Z# 0340781 Date 10-12-10
Operator (Print)
- 8.[82] Reviewed By: Gina M. Smith Signature: [Signature] Z# 234254 Date 10-12-10
Supervision (Print)
- 13.1[2][C] Reviewed By: Robert L. Griffis Signature: [Signature] Z# 1130352 Date 10-13-10
CSE (print)
- 13.1[2][E] Acceptance criteria satisfied: YES NO
- 13.1[2][H] Reviewed By: Louis Julbers Signature: [Signature] Z# 1121997 Date 10-13-10
SOM or designee (print)

CONTAINERID: 87261

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87261 | 55G | LA0000087261 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0726 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87261 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-----------------------------|
| 87261 | | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87261 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 183.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 146.9 _____ 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: 87261

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 2.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 142.9 |
| Soils (S): | |
| Total WMP Weight: | 146.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87261

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| <u>Chris Farquhar</u> |  | | <u>12/10/2010</u> |
| Print Name | Signature | | Date |

UET

ATTACHMENT 3

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| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>6/11/11</u> Range in ft-lb: <u>10-80 ft-lb.</u> Tolerance: <u>±5%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>B7261</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>5 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>18 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Martinez 15107 10-13-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: T. WEIGEL T. Weigel 22267 10-13-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffis Robert L. Griffis 1130376 10-14-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 21497 10-14-10
SOM or designee (print) Signature Z# Date

CONTAINERID: 87262

LANL

AK DATA

| <u>Container ID</u> | <u>Container Type</u> | <u>AKA Matrix</u> | <u>WDS Status</u> | <u>AK Excluded</u> | <u>WSID</u> | <u>LOTID</u> | <u>RSLOTID</u> | <u>LOT Excluded</u> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|-----------------------------------|----------------|---------------------|
| 87262 | 55G | LA0000087262 | NO WDS STATUS | NO | LA-MIN03-NC.001 | LA-MIN03-NC.001- Lot 75 (none) | 2 (RELEASED) | NONE |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> |
|-----------------|-------------|---------------|
| 2LANDA0725 | NDA | Complete |
| LA-RTR2-10-0149 | RTR | Complete |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 87262 | NO DATA | | |

REJECT DATA

| <u>Container ID</u> | <u>BDRID</u> | <u>NCRID</u> | <u>NCR Status</u> | <u>Release Code</u> | <u>Actual Condition</u> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 87262 | NO DATA | | | | |

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 TA54-497 Area G Pad 10 RTR2 |
| Batch Number: | LA-RTR2-10-0149 |
| Examination Date: | 12/10/2010 |
| Waste Container ID: | 87262 |
| Video/Audio Recorded Media Number: | LA-RTR2-10-0149 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 9 |
| 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: _____ 180.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 143.9 _____ 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)

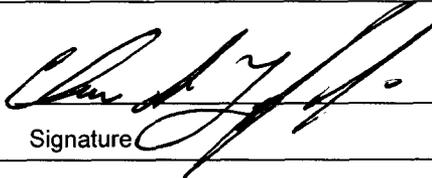
Waste Container ID: 87262

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| 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): | 1.5 |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 140.9 |
| Soils (S): | |
| Total WMP Weight: | 143.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 87262

| 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 GREATER 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 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"/> | |
| TRUPACT II Criteria | | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Were there Non-approved Closure Methods used on liner bags or inner bags greater than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there sealed containers GREATER than 4 liters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are there indications of inadequate protection (blocked or braced) for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Comments: N/A | | | |
| RTR Operator: | | | |
| Chris Farquhar |  | | 12/10/2010 |
| Print Name | Signature | | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[13][A] (\$ No non-metal WASTE CONTAINERS ≤ 26 ft from SSSR Process Area (SR 4.7.3) SAT UNSAT

(\$ No metal WASTE CONTAINERS ≤ 7 ft from SSSR Process Area (SR 4.7.4) SAT UNSAT

4.3[13][B] (\$ Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[13][C] (\$ Total volume of flammable liquids within the SSSR Process Area Boundaries for operation and maintenance activities is ≤ 1 gal: (SR 4.7.6) SAT UNSAT

4.3[14] (\$ No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

8.[17]

Date:

10/13/10

8.[4]

Parent Drum No.:

3831602

9.[14]

Daughter Drum No.:

87262

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[18] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[20] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[25] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>GOOD</u> |
| 8.[26][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[28] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[31] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>06/11/11</u> Range in ft-lb: <u>10-80 ft-lb.</u> Tolerance: <u>± 3%</u> |
| 8.[32] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[34] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[64] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[70][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[70][E] | Daughter Drum No.: <u>87262</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[73] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2 gallons</u> |
| 8.[74] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>7 cups</u> |
| 8.[77] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

Comments: N/C

8.[80] Performed By: Harvey Martinez Harvey Martinez 1151017/10-13-10
Operator (Print) Signature Z# Date

8.[82] Reviewed By: T. WEIGEL Tom Stein 02267/10-13-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1130356/10-14-10
CSE (print) Signature Z# Date

13.1[2][E] Acceptance criteria satisfied: YES NO

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 021997/10-14-10
SOM or designee (print) Signature Z# Date