



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

AUG 11 2011



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

Subject: Shipment of Containers from Waste Stream LA-MIN03-NC.001, Lot 481

Dear Mr. Kieling:

In accordance with the Stipulated Final Order, No. HWB 09-31 (CO) (LANL), prior to shipment of remediated containers from waste stream LA-MIN03-NC.001, respondents shall submit to 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 procedures; and
- C. Evidence that Nonconformance Reports (NCRs) written for prohibited liquid have been dispositioned appropriately by the Central Characterization Project.

Enclosed is a digital video disk (DVD) containing the required documents for 11 containers from Waste Stream LA-MIN03-NC.001, Lot 481. Each container listed, on page 3 of this letter, has its Real-Time Radiography (RTR) Batch Data Report (BDR), NCR disposition information, and Prohibited Item Disposition (PID) form. The PID for some containers shows the parent containers and the daughter container. These daughter containers passed RTR and do not have a nonconformance report. All containers in this lot are daughter containers. The PID does identify that the containers have 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.

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

Sincerely,

Edward Ziemanski, Acting Manager
 Carlsbad Field Office

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

Enclosure

110822



Mr. John Kieling

-2-

AUG 11 2011

cc: w/enclosure

| | |
|----------------------|------|
| S. Holmes, NMED | * ED |
| J.R. Stroble, CBFO | ED |
| N. Castaneda, CBFO | ED |
| G. Basabilvazo, CBFO | ED |
| S. McCauslin, CBFO | ED |
| L. Bishop, DOE-LASO | ED |
| D. Ploetz, WTS | ED |
| M. Percy, WTS | ED |
| J. Eastham, WTS | ED |
| Site Documents | ED |
| CBFO M&RC | ED |

*ED denotes electronic distribution

| LANL LA-MIN03-NC.001 Containers Lot 481 | | |
|--|-----------------|---------------------|
| # | NDE BDR | Container ID |
| 1. | LA-RTR2-11-0043 | 88901 |
| 2. | LA-RTR2-11-0043 | 88916 |
| 3. | LA-RTR2-11-0043 | 88918 |
| 4. | LA-RTR2-11-0043 | 88924 |
| 5. | LA-RTR2-11-0043 | 88928 |
| 6. | LA-RTR2-11-0043 | 88945 |
| 7. | LA-RTR2-11-0043 | 88947 |
| 8. | LA-RTR2-11-0045 | 88953 |
| 9. | LA-RTR2-11-0045 | 88955 |
| 10. | LA-RTR2-11-0045 | 88958 |
| 11. | LA-RTR2-11-0045 | 88963 |

**CONTAINERID: 88901**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88901 | 55G | LA00000088901 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot2 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0796 | NDA | Complete | 2011-05-09 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88901 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88901 | NO DATA | | | | |

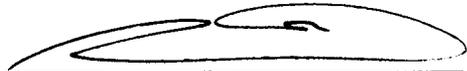
Attachment 2 – CCP Radiography Data Sheet

| Section 1: General Information | |
|--|---|
| <input checked="" type="checkbox"/> RTR Examination <input type="checkbox"/> RTR Replicate Scan <input type="checkbox"/> RTR Independent Observation | |
| Site ID: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88901 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 171.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 135.4 _____ 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: | _____ 75 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88901

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: <u>N/A</u> | | |
| RTR Operator: | | |
| <u>Philip Dillard</u> |  | <u>5/5/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR L1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 POUNDS SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1 | 8.[18] Date: 5/2/11

8.[5] Parent Drum No.: 5850359

9.[14] Daughter Drum No.: 58901

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>none</u> |
| 8.[27][B] | <input checked="" type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>e32275</u> Cal. Expiration Date: <u>6-11-11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>17 ft-lb</u> |
| 8.[71][D] | RCRA Designation: <u>H/A2</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[71][E] | Daughter Drum No.: <u>B5901</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>2</u> |
| 8.[78] | <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 8550358

IPC-1 | 8.[81] Performed By: Jehan Panchane [Signature] 1116659 9/2/11
Operator (Print) Signature Z# Date

IPC-1 | 8.[83] Reviewed By: Dean Sanchez [Signature] 117611451 5/2/11
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin [Signature] 1170002 5-3-11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Louis Valbert [Signature] 1105917 5-4-11
SOM or designee (print) Signature Z# Date

**CONTAINERID: 88916**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88916 | 55G | LA00000088916 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot2 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0795 | NDA | Complete | 2011-05-06 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88916 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88916 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88916 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 198.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 161.9 _____ 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: 88916

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding material |
| Plastic bag, cut up liner lid |
| Absorbent, 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 | 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): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 160.5 |
| Soils (S): | |
| Total WMP Weight: | 161.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88916

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: N/A | | |
| RTR Operator: | | |
| <u>Philip Dillard</u> |  | <u>5/5/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR L1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 PGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18]

Date:

4-3-11 5/3/11 JWP 6/15/11

8.[5]

Parent Drum No.:

88425

9.[14]

Daughter Drum No.:

88916

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <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>10-50</u> Tolerance: <u>+/- 3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[71][D] | RCRA Designation: <u>None</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>NA</u> RCRA Designation: <u>N/A</u> |
| 8.[71][E] | Daughter Drum No.: <u>88914</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1 gallon</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5 bags</u> |
| 8.[78] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

IPC-1

Comments: nc 88405 5/3/11

IPC-1 IPC-1

8.[81] Performed By: Bent Rodriguez [Signature] 807280 5-3-11
Operator (Print) Signature Z# Date

8.[83] Reviewed By: Alan Sanchez [Signature] 1176445 5/3/11
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Guffis [Signature] 1130380 5-4-11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Louis J. Albert [Signature] 124471 5-5-11
SOM or designee (print) Signature Z# Date

**CONTAINERID: 88918**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88918 | 55G | LA00000088918 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot3 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0795 | NDA | Complete | 2011-05-06 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88918 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88918 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88918 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 193.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 156.9 _____ 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)

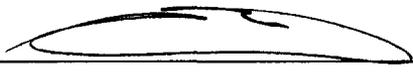
Waste Container ID: 88918

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal closure ring, scrap metal |
| Plastic bag, cut up liner lid |
| Absorbent, 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 | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 1.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 154.5 |
| Soils (S): | |
| Total WMP Weight: | 156.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88918

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: N/A | | |
| RTR Operator: | | |
| Philip Dillard |  | 5/5/11 |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[8][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

IPC-1

4.3[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 PGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18]

Date:

4-3-11 5/3/11 sup 6/15/11

8.[5]

Parent Drum No.:

88448

9.[14]

Daughter Drum No.:

88918

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007 D008 D009 F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>Good</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: _____ Range in ft-lb: <u>10-80</u> Tolerance: <u>+/- 3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: _____ ft-lb |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>88918</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> Daughter Drum No.: <u>n/a</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1 gallon</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>500g</u> |
| 8.[78] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

IPC-1

Comments: nc 88448

IPC-1

8.[81] Performed By: Ben Rodriguez 168025 10013015-3-11
Operator (Print) Signature Z# Date

IPC-1

8.[83] Reviewed By: [Signature] [Signature] 11764515-3-11
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Goffis [Signature] 11703215-4-11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Louis J. [Signature] [Signature] 11244715-5-11
SOM or designee (print) Signature Z# Date

**CONTAINERID: 88924**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88924 | 55G | LA00000088924 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot2 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0795 | NDA | Complete | 2011-05-06 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88924 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88924 | NO DATA | | | | |

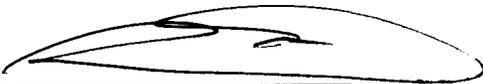
Attachment 2 – CCP Radiography Data Sheet

| Section 1: General Information | |
|--|---|
| <input checked="" type="checkbox"/> RTR Examination <input type="checkbox"/> RTR Replicate Scan <input type="checkbox"/> RTR Independent Observation | |
| Site ID: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88924 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 282.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 246.4 _____ 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: 88924

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: <u>N/A</u> | | |
| RTR Operator: | | |
| Philip Dillard |  | 5/5/11 |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 FGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

IPC-1

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18] Date: 5/3/11
 8.[5] Parent Drum No.: 85495
 9.[14] Daughter Drum No.: 88924

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>None</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <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> Tolerances: <u>+ - 3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>88924</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>7</u> |
| 8.[78] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

IPC-1

Comments: N/A 85495 B&H 5-4-11

IPC-1

8.[81] Performed By: Oran Sanchez [Signature] 11764457 5/8/11
Operator (Print) Signature Z# Date

IPC-1

8.[83] Reviewed By: T. WEIGEL [Signature] 222617 15-3-11
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Goffis [Signature] 11303821 5-4-11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Louis Jalbert [Signature] 1219671 5-5-11
SOM or designee (print) Signature Z# Date

**CONTAINERID: 88928**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|---|----------------|---------------------|
| 88928 | 55G | LA00000088928 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot 1 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0795 | NDA | Complete | 2011-05-06 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88928 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88928 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88928 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 219.5 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 183.4 _____ 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)

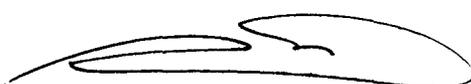
Waste Container ID: 88928

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Plastic bag |
| Absorbent, 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 | 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): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 183.1 |
| Soils (S): | |
| Total WMP Weight: | 183.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88928

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|---|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: <u>N/A</u> | | |
| RTR Operator: <u>Philip Dillard</u> | | |
| Print Name |  Signature | <u>5/5/11</u> Date |

UBT

ATTACHMENT 3
 Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[8][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

IPC-1

4.3[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 PGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18] Date: 5/3/11
 8.[5] Parent Drum No.: 85647
 9.[14] Daughter Drum No.: 88928

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[19] | RCRA Designation (EPA Codes): <u>F001, D007, D008, D009</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>None</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[52] | <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.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>88928</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>2 cups</u> |
| 8.[78] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

IPC-1

Comments: N/A 85647 ^{2/11} ₅₋₁₁

IPC-1

8.[81] Performed By: Oran Sanchez Oran Sanchez 117644515-3-11
Operator (Print) Signature Z# Date

IPC-1

8.[83] Reviewed By: T. WELGEL T. Welgel 22761715-3-10
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Galt Robert L. Galt 11303815-4-11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Louis Jalbert Louis Jalbert 11209715-5-11
SOM or designee (print) Signature Z# Date

**CONTAINERID: 88945**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|---|----------------|---------------------|
| 88945 | 55G | LA00000088945 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot 1 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0797 | NDA | Complete | 2011-05-10 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88945 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88945 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88945 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: | _____ 75 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Page 2 of 3

Waste Container ID: 88945

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

| Section 4: Packaging Material and Waste Material Parameters | |
|--|------------------------------|
| Packaging Material: | Estimated Weight (kg) |
| Steel (ST): | 27.7 |
| Plastics (PP): Rigid Liner, Liner Bag | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 1.0 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 136.1 |
| Soils (S): | |
| Total WMP Weight: | 138.4 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88945

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: <u>N/A</u> | | |
| RTR Operator: | | |
| <u>Philip Dillard</u> |  | <u>5/5/11</u> |
| Print Name | Signature | Date |

4

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR L.1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 PCSE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

IPC-1

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18] Date:

8.[5] Parent Drum No.:

9.[14] Daughter Drum No.:

5/4/11
 5860324
 88945

UBT

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[19] | RCRA Designation (EPA Codes): <u>0007, 0008, 0009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>None</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <input checked="" type="checkbox"/> Record torque wrench instructions: MTRB No.: <u>032275</u> Cal. Expansion Date: <u>6/11/11</u> Range in ft-lb: <u>10-90</u> Tolerance: <u>± 3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>88745</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>3</u> |
| 8.[78] | <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 8862327

IPC-1 | 8.[81] Performed By: John Puchac [Signature] 116657 5/4/11
 Operator (Print) Signature Z# Date

IPC-1 | 8.[83] Reviewed By: Chas Sanchez [Signature] 11764457 5-4-11
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Golfer [Signature] 11303821 5-5-11
 CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Grant M. Webb [Signature] 1145849 5-5-11
 SOI or designee (print) Signature Z# Date

**CONTAINERID: 88947**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|---|----------------|---------------------|
| 88947 | 55G | LA00000088947 | NO WDS STATUS | NO | | | | |
| | | | | | LA-MIN03-NC.001 | LA-MIN03-NC.001-Lot 1 (RELEASED) 81 (none) | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0797 | NDA | Complete | 2011-05-10 |
| LA-RTR2-11-0043 | RTR | Complete | 2011-05-05 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88947 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88947 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0043 |
| Examination Date: | 05/05/2011 |
| Waste Container ID: | 88947 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0043 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 222.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 185.9 _____ 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)

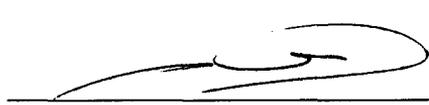
Waste Container ID: 88947

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal banding material |
| Cut up liner lid, plastic bag |
| Absorbent, 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 | 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): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 184.5 |
| Soils (S): | |
| Total WMP Weight: | 185.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88947

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: <u>N/A</u> | | |
| RTR Operator: | | |
| <u>Philip Dillard</u> |  | <u>5/5/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[8][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[8][D] (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 FGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

IPC-1

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18] Date: 5/4/11

8.[5] Parent Drum No.: 6504455

9.[14] Daughter Drum No.: 88947

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[19] | RCRA Designation (HPA Codes): <u>2007, 2008, 2009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>NOVC</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input checked="" type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <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>7/-3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[71][D] | RCRA Designation: <u>H2Z</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>N/A</u> |
| 8.[71][E] | Daughter Drum No.: <u>88947</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>2</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>6</u> |
| 8.[78] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

IPC-1

Comments: N/A 5804455

| | | |
|-------|------------|---|
| IPC-1 | 8.[81] | Performed By: <u>John Puchacz</u> <u>[Signature]</u> <u>116659</u> <u>5/4/11</u> Operator (Print) Signature Z# Date |
| IPC-1 | 8.[83] | Reviewed By: <u>[Signature]</u> <u>[Signature]</u> <u>117641127</u> <u>5/4/11</u> Supervision (Print) Signature Z# Date |
| | 13.1[2][C] | Reviewed By: <u>Robert L. Gerstke</u> <u>[Signature]</u> <u>1130552d</u> <u>5-5-11</u> CSE (print) Signature Z# Date |
| | 13.1[2][E] | Acceptance criteria satisfied: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 13.1[2][H] | Reviewed By: <u>Gail M. Welsh</u> <u>[Signature]</u> <u>114849</u> <u>5-5-11</u> SOM or designee (print) Signature Z# Date |

**CONTAINERID: 88953**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88953 | 55G | LA00000088953 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot3 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0798 | NDA | Complete | 2011-05-11 |
| LA-RTR2-11-0045 | RTR | Complete | 2011-05-10 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88953 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88953 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0045 |
| Examination Date: | 05/10/2011 |
| Waste Container ID: | 88953 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0045 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 234.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 197.9 _____ 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)

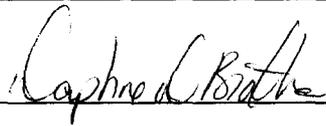
Waste Container ID: 88953

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal closure ring, scrap metal |
| Cut up liner lid, plastic bag |
| Absorbent, 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 | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 2.2 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 194.4 |
| Soils (S): | |
| Total WMP Weight: | 197.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88953

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|---|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: N/A | | |
| RTR Operator: | | |
| <u>Daphne Brothers</u> | <u></u> | <u>5/10/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR L1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 FGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

IPC-1

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18] Date: 5/5/11

8.[5] Parent Drum No.: 88656

9.[14] Daughter Drum No.: 88953

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|--|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>NONE</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <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.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12 ft-lb</u> |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>88953</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>0 Gallons</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>4 cups</u> |
| 8.[78] | <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 88656 12/11

IPC-1 | 8.[81] Performed By: Philip Quintana Philip Quintana 1836931 5/5/11
Operator (Print) Signature Z# Date

IPC-1 | 8.[83] Reviewed By: Alan Sanchez Alan S 1176445 5/5/11
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Gaffis Robert L. Gaffis 1130352 5-6-11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Carol M. Welsh Carol M. Welsh 114849 5-19-11
SQM or designee (print) Signature Z# Date

**CONTAINERID: 88955**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88955 | 55G | LA00000088955 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot2 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0798 | NDA | Complete | 2011-05-11 |
| LA-RTR2-11-0045 | RTR | Complete | 2011-05-10 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88955 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88955 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0045 |
| Examination Date: | 05/10/2011 |
| Waste Container ID: | 88955 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0045 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 181.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 144.9 _____ 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: | _____ 85 _____ % |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88955

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Metal closure ring, scrap metal |
| Cut up liner lid, plastic bag |
| Absorbent, 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 | 8.4 |
| Others: | 0.0 |
| Total Packaging Weight: | 36.1 |
| Waste Material Parameter: | Estimated Weight (kg) |
| Iron-based Metal / Alloys (IM): | 2.1 |
| Aluminum-based Metals / Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 1.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 141.5 |
| Soils (S): | |
| Total WMP Weight: | 144.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88955

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|-------------------------------|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: N/A | | |
| RTR Operator: | | |
| <u>Daphne Brothers</u> | <u><i>Daphne Brothers</i></u> | <u>5/10/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):
• Drums are 55 gal. or larger for remediation SAT UNSAT
• Each drum is ≤ 200 FGE SAT UNSAT
• Only one parent drum remediated at one time SAT UNSAT
• Daughter drums have only a single parent drum SAT UNSAT

IPC-1

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

8.[18]

Date:

5/5/11

8.[5]

Parent Drum No.:

88645

9.[14]

Daughter Drum No.:

88955

UET

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>NONE</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>5/11/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>+3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>85955</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>0</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>4</u> |
| 8.[78] | <input checked="" type="checkbox"/> Rigid liner lid cut into at least two pieces and placed into the daughter drum with other decontamination materials |

IPC-1

Comments: N/A 88645

| | | | | | | |
|-------|------------|--------------------------------|--------------------------|---|-----------------------------|----------------|
| IPC-1 | 8.[81] | Performed By: | <u>Philip Quintana</u> | <u>Philip Quintana</u> | <u>183693</u> | <u>5/5/11</u> |
| | | | Operator (Print) | Signature | Z# | Date |
| IPC-1 | 8.[83] | Reviewed By: | <u>Ouan Sanchez</u> | <u>Ouan S</u> | <u>1176448</u> | <u>5/5/11</u> |
| | | | Supervision (Print) | Signature | Z# | Date |
| | 13.1[2][C] | Reviewed By: | <u>Robert L. Griffin</u> | <u>Robert L. Griffin</u> | <u>1130354</u> | <u>5-17-11</u> |
| | | | CSE (print) | Signature | Z# | Date |
| | 13.1[2][E] | Acceptance criteria satisfied: | | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO | |
| | 13.1[2][H] | Reviewed By: | <u>Grant M. Welsh</u> | <u>Grant M. Welsh</u> | <u>114949</u> | <u>5-19-11</u> |
| | | | SOM or designee (print) | Signature | Z# | Date |

**CONTAINERID: 88958**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88958 | 55G | LA00000088958 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot2 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0798 | NDA | Complete | 2011-05-11 |
| LA-RTR2-11-0045 | RTR | Complete | 2011-05-10 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88958 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88958 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0045 |
| Examination Date: | 05/10/2011 |
| Waste Container ID: | 88958 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0045 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 224.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 187.9 _____ 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)

Page 2 of 3

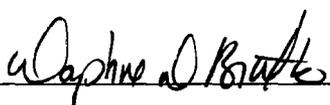
Waste Container ID: 88958

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Plastic bag |
| Absorbent, 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 | 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): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 187.6 |
| Soils (S): | |
| Total WMP Weight: | 187.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88958

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|---|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: N/A | | |
| RTR Operator: | | |
| <u>Daphne Brothers</u> | <u></u> | <u>5/10/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are distinct (TSR L1) SAT UNSAT

4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCB-CSLA-11-043):

- Drums are 55 gal. or larger for remediation SAT UNSAT
- Each drum is ≤ 200 PGE SAT UNSAT
- Only one parent drum remediated at one time SAT UNSAT
- Daughter drums have only a single parent drum SAT UNSAT

4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

IPC-1

8.[18]
8.[5]
9.[14]

Date:
Parent Drum No.:
Daughter Drum No.:

5/5/11
5800654
1) 88958
2) 88959

UBT

ATTACHMENT 3
 Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F007</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>none</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <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.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[71][D] | RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> RCRA Designation: <u>HAZ</u> RCRA Designation: <u>N/A</u> |
| 8.[71][E] | Daughter Drum No.: <u>88958</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>88959</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>3 Gallons</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>8 cups</u> |
| 8.[78] | <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 5800654 R11 5-6-11

IPC-1 | 8.[81] Performed By: Philip Quintana Philip Quintana 1836931 5/5/11
 Operator (Print) Signature Z# Date

IPC-1 | 8.[83] Reviewed By: Oran Sanchez Oran S 1176445 5/5/11
 Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Griffin Robert L. Griffin 1303521 5-6-11
 CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Grady M. Walsh Grady M. Walsh 1188415 5/5/11
 SOM or designee (print) Signature Z# Date

**CONTAINERID: 88963**

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> |
|---------------------|-----------------------|-------------------|-------------------|--------------------|-----------------|--|----------------|---------------------|
| 88963 | 55G | LA00000088963 | NO WDS STATUS | NO | | LA-MIN03-NC.001-Lot2 (RELEASED) 81 (none) | | |
| | | | | | LA-MIN03-NC.001 | | | |

BDR DATA

| <u>BDRID</u> | <u>Type</u> | <u>Status</u> | <u>Generation Date</u> |
|-----------------|-------------|---------------|------------------------|
| 2LANDA0798 | NDA | Complete | 2011-05-11 |
| LA-RTR2-11-0045 | RTR | Complete | 2011-05-10 |

NCR DATA

| <u>Container ID</u> | <u>NCRID</u> | <u>Status</u> | <u>Release Code</u> |
|---------------------|--------------|---------------|---------------------|
| 88963 | 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> |
|---------------------|--------------|--------------|-------------------|---------------------|-------------------------|
| 88963 | 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: | LANL |
| Batch Number: | LA-RTR2-11-0045 |
| Examination Date: | 05/10/2011 |
| Waste Container ID: | 88963 |
| Video/Audio Recorded Media Number: | LA-RTR2-11-0045 A |
| Procedure and Revision No.: | CCP-TP-053 Rev. 10 |
| 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: _____ 209.0 _____ kg. Tare Wt: _____ 36.1 _____ kg. Net Wt: _____ 172.9 _____ 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: 88963

| Section 3: Container Inventory and Comments (Detailed descriptions) |
|--|
| Scrap metal |
| Plastic bag |
| Absorbent, 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 | 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): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (XPM): | 0.3 |
| Organic Matrix (OR): | |
| Inorganic Matrix (IN): | 172.4 |
| Soils (S): | |
| Total WMP Weight: | 172.9 |

Attachment 2 – CCP Radiography Data Sheet (Continued)

Waste Container ID: 88963

| Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block) | Yes | No |
|---|--|-------------------------------------|
| 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"/> |
| Is the total volume of observable liquid in the outermost container GREATER than 1% of the container? | <input type="checkbox"/> | <input checked="" 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"/> |
| CH or RH TRAMPAC | | |
| Are there heat-sealed bags (unvented) GREATER than 4 liters and LESS than 390 square inches in the waste, or heat sealed bags not authorized in the RH TRUCON Code? | <input type="checkbox"/> | <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 for heavy and/or sharp objects? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Comments: N/A | | |
| RTR Operator: | | |
| <u>Daphne Brothers</u> | <u></u> | <u>5/10/11</u> |
| Print Name | Signature | Date |

ATTACHMENT 3

Page 1 of 2

LIQUID REMEDIATION CHECKLIST

- 4.3[8][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[8][B] (S) Boundaries of the SSSR Process Area are defined: (TSR 1.1) SAT UNSAT
- 4.3[8][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[8][D] (CS) (S) The following requirements are satisfied: (AC 5.6.3, NCS-CSLA-11-043):
 - Drums are 55 gal. or larger for remediation SAT UNSAT
 - Each drum is ≤ 200 FGE SAT UNSAT
 - Only one parent drum remediated at one time SAT UNSAT
 - Daughter drums have only a single parent drum SAT UNSAT
- 4.3[9] (S) No flammable liquids are stored within the SSSR Process Area Boundaries: (SR 4.7.5) SAT UNSAT N/A

IPC-1

IPC-1

8.[18] Date: 5/5/11

8.[5] Parent Drum No.: 85494

9.[14] Daughter Drum No.: 88963

ATTACHMENT 3

Page 2 of 2

| Step | Condition |
|-----------|---|
| 8.[19] | RCRA Designation (EPA Codes): <u>D007, D008, D009, F001</u> |
| 8.[21] | <input checked="" type="checkbox"/> Rigid Liner Vented <input type="checkbox"/> Rigid Liner NOT Vented |
| 8.[26] | <input checked="" type="checkbox"/> Condition of the rigid liner (warped, cracked, breaks): <u>none</u> |
| 8.[27][B] | <input type="checkbox"/> Liner is NOT in good condition for rigging (Drum Closed) <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[29] | <input type="checkbox"/> Yes Rigid liner contains an internal poly-liner <input checked="" type="checkbox"/> N/A (if not applicable) |
| 8.[32] | <input checked="" type="checkbox"/> Record torque wrench information: MT&E No.: <u>032275</u> Cal. Expiration Date: <u>8/9/11</u> Range in ft-lb: <u>10-80</u> Tolerance: <u>± 3%</u> |
| 8.[33] | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Torque value for the torque wrench is within the calibrated range. |
| 8.[35] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[65] | <input checked="" type="checkbox"/> Torque the lifting device fasteners to 12 ft-lb. Record actual torque value: <u>12</u> ft-lb |
| 8.[71][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.[71][E] | Daughter Drum No.: <u>88963</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> Daughter Drum No.: <u>N/A</u> |
| 8.[74] | <input checked="" type="checkbox"/> Total amount of liquid found: <u>1</u> |
| 8.[75] | <input checked="" type="checkbox"/> Amount of absorbent used: <u>5</u> |
| 8.[78] | <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

IPC-1 | 8.[81] Performed By: Philip Quintana Philip Quintana 153698 5/5/11
Operator (Print) Signature Z# Date

IPC-1 | 8.[83] Reviewed By: Alan Sanchez Alan S 117640515 5/5/11
Supervision (Print) Signature Z# Date

13.1[2][C] Reviewed By: Robert L. Giffis Robert L Giffis 1130324 5/5/11
CSE (print) Signature Z# Date

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

13.1[2][H] Reviewed By: Gary M. Welsh Gary M. Welsh 114849 5/19/11
SOM or designee (print) Signature Z# Date