RECORDS SUBMITTAL

INSTRUCTIONS: This form is prepared by the record source when submitting individual records, batch data reports, or a records package to the RMDC Center. Each record submitted requires a complete form.

MANDATORY: ☑ To the best of my knowledge, the record(s) have no radioactive contamination.

Signature: Jack Vigil

RECORD TYPE:

☐ Project 2010 ☐ Facility

☑ Other: CCP ☐ UCNI ☐ Proprietary

RECORD SOURCE:

Submittal Date: 11/22/04 Z No.: 087684 Name: JACK VIGIL

Originator: JACK VIGIL Organization: PT NWO-CH

TYPE OF RECORD/ACTION TO BE TAKEN

☐ Individual Record ☑ Batch Data Report ☐ Records Package

☐ New ☐ Addition* ☐ Supersedes*

*Record Barcode Number: ____________

RECORD ID NUMBER: (e.g., memo symbol number, procedure (include revision), deficiency number, batch data report number, unique record identifier if applicable):

LA-RTRZ-04-0004

Record Date: ________ Physical Page Count: 53 ☑ Single Sided ☐ Double Sided

Category Number: (from page two): 04

RECORD TITLE, SUBJECT, AND/OR KEYWORDS:

LA-RTRZ-04-0004 Batch Report

MEDIA TYPE:

☐ CD ☐ Diskette ☐ VHS ☐ Zip ☑ Other (specify): DVD

RECORD CENTER USE ONLY

☐ Accepted Date: ____________

Signature: ____________

RIDs Type: ______

Scan Date: ______ By: ______ QC Date: ______ By: ______

(Subject to change prior to scheduled review cycle).

Attachment 5 - Validated BDR Change Control Form LA-RPR2-04-0004

Description of Change		
Added O's where appropriate to complete BDR from Records reqts		
S.M. Peterman	S.M. Peterman	5/26/04
SPM Printed Name	SPM Signature	Date

Description of Change		
SPM Printed Name	SPM Signature	Date

Description of Change		
SPM Printed Name	SPM Signature	Date

Description of Change		
SPM Printed Name	SPM Signature	Date

Attachment 5 – CCP Site Project Manager Data Validation Summary

On-Line Headspace Gas Analysis (HSG)			**Visual Examination (VE)**	
Nondestructive Examination (NDE)	X		**Nondestructive Assay (NDA)**	
Direct-Canister HSG Analysis			**Homogeneous Waste Analysis (HWA)**	
Radiological Characterization				

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **DATE:** 4/22/2004

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
1. ITR, Tech Sup, and Facility QA checklists are complete and signed. **Reference Source: WAP B3-10b(2) Verification Source: DGL Checklist**	X			
2. The batch data report is complete. **Reference Source: WAP B3-10b(2) and WAC A.5.2 Verification Source: Data Sheets**	X			
3. QAOs have been met. **Reference Source: WAP B3-10b(2) Verification Source: QC Data Sheets**	X			
4. Data reported with correct units and significant figures. **Reference Source: WAP B3-10b(2) Verification Source: Data Sheets**	X			
5. Data have been assessed correctly. **Reference Sources: WAP B3-10b(2) and B3-10b(3) Verification Source: Data Sheets**	X			S833682 S817178 S817176 S817174 S817172 S817165 S817163 S817162 59397 59382 59371 59326 59079
6. Is there a reference to or copy of the associated NCRS? **Reference Source: WAP Tables B3-11, B3-12 and B3-13 Verification Source: NCR**			X	No NCRs generated
7. The applicable SPQAO Project Level Validation Checklist is complete, signed, and dated. **Reference Source: WAP B3-10b(2) Verification Source: SPQAO Checklist**	X			
8. **NDA** batch QC checks (e.g., weekly interfering matrix, background, performance, and transmission checks, measurement system checks) were properly performed. **Reference Source: WAC A.4.2 and/or WAC Table A-4.3 Verification Source: QC Data Sheets**			X	NDE Batch
9. **HSG** – All data are reported with the appropriate flags. **Reference Source: WAP B3-10b(2) Verification Source: Data Sheet**			X	NDE Batch

Attachment 5 – CCP Site Project Manager Data Validation Summary (continued)

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **DATE:** 4/22/2004

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers	
10. **HSG** batch QC checks (e.g., on-line blanks, duplicates, and laboratory control samples) were properly performed and meet the established usability criteria. **Reference Sources: WAP B3-10b(2) and Table B3-3 and/or B1-1b Verification Source: QC Data Sheets**			X	NDE Batch	
11. **HSG** DAC assignment is valid based upon an assessment of the data collection and evaluation necessary to make the assignment. **Reference Source: WAP B3-10b(2) Verification Source: Drum Data Form**			X	NDE Batch	
12. **NDE** data are complete and acceptable based on the videotape or equivalent media review (independent observation and replicate scan). **Reference Sources: WAP , B1-3b(2) and B3-10b(2) Verification Source: QC Data Sheets**	X			Container numbers:	
13. **VE** data is complete and properly reported. **Reference Sources: WAP B1-3b(3) and B3-10b(2) Verification Source: BDR**			X	Rep: IO: NDE Batch	S817162 59397
14. **HWA** Solid/Soil VOC batch QC checks (e.g., laboratory duplicates, blanks, and control samples) were properly performed and meet the established usability criteria. **Reference Sources: WAP B1-2b, B3-10b(2) and Table B3-5 Verification Source: QC Data Sheets**			X	NDE Batch	
15. **HWA** Solid/Soil Semi-VOC batch QC checks (e.g., laboratory duplicates, blanks, and control samples) were properly performed and meet the established usability criteria. **Reference Sources: WAP B1-2b, B3-10b(2) and Table B3-7 Verification Source: QC Data Sheets**			X	NDE Batch	
16. **HWA Solid/Soil Total Metals Batch QC checks** (e.g., duplicates, blanks, and laboratory control samples) were properly performed and meet the established criteria. **Reference Sources: WAP B1-2b, B3-10b(2), and Table B3-9 Verification Source: QC Data Sheets**			X	NDE Batch	

Attachment 5 – CCP Site Project Manager Data Validation Summary (continued)

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **DATE:** 4/22/2004

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
17. **OSR** for LANL Sealed Sources, does the waste meet the definition of sealed sources per 10 CFR 30.4 and 10 CFR 835.2 (effective January 1, 2004) and documentation included with the AK information? **Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet**			X	NDE Batch
18. **OSR** for LANL Sealed Sources, does the Pipe Overpack Container (POC) only contain sources and packaging material (no non-packaging items are allowed in the waste container)? **Reference Source: WAP B-3a(1)(iii) Verification Source: Data Sheet**			X	NDE Batch
19. **OSR** for LANL Sealed Sources, is the sealed source a US DOT Special Form Class 7 (Radioactive Material) per 49 CFR 34.27 (effective January 1, 2004) and is this documented in the AK information? **Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet**			X	NDE Batch
20. For LANL Sealed Sources, is the integrity of each sealed source validated by documented contamination survey results to meet the requirements of 10 CFR 34.27 (effective January 1, 2004), and is assembled as part of AK documentation? **Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet**			X	NDE Batch
21. **OSR** for LANL Sealed Sources, is each source a rigid sealed container or is it in a rigid sealed container less than or equal to 4 L? **Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet**			X	NDE Batch

Attachment 5 – CCP Site Project Manager Data Validation Summary (continued)

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **DATE:** 4/22/2004

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
22. **OSR** for LANL Sealed Sources, does the AK information document that no VOC or VOC-bearing material are constituents of the waste? **Reference Source: WAP B-3a(1)(iii) Verification Source: AK information**			X	NDE Batch
23. **OSR** for LANL Sealed Sources, does the AK information document that the outer casing of the sealed source is a non-VOC bearing material and is this verified during VE? **Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet**			X	NDE Batch

The data for all containers in this batch are complete, properly reported, technically reasonable, representative and meet the Quality Assurance Objectives (QAOs). On a per waste container basis, as evidenced by my review of the Batch Data Report, all data have been validated in accordance with the QAPjP (CCP-PO-001) and are acceptable. This validation was accomplished through the generation level and project level data review, validation, and verification of this Batch Data Report.

Larry Porter	Larry Porter	3/28/05
Site Project Manager	Signature	Date

CCP SPQAO Nondestructive Examination Project Level Validation Checklist and Summary

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **EXAMINATION DATE:** 4/21/04

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
1. Batch number? **Reference Source: WAP Table B3-11 Verification Source: Cover Sheet**	☒	☐	☐	LA-RTR2-04-0004
2. Batch data report date? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	3/3/05
3. Implementing procedure and revision number? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	CCP-TP-053, Rev. 1
4. Listing of all the container numbers in the batch? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	13 containers
5. Twenty or fewer samples in the batch? **Reference Source: WAP B3-10 Verification Source: Data Sheets and or Cover Sheet**	☒	☐	☐	
6. Is there a reference to or copy of the associated NCRs? **Reference Source: WAP Table B3-11 Verification Source: NCR**	☐	☐	☒	No NCRs associated with this BDR.
7. Technical Supervisor Checklist? **Reference Source: WAP B3-10a Verification Source: TS Checklist**	☒	☐	☐	The original review date was crossed out and replaced with a second review date. RTR personnel have been asked not to cross out initial review dates if another review is requested.
8. Facility QA Officer Checklist? **Reference Source: WAP B3-10a Verification Source: FQAO Checklist**	☒	☐	☐	The original review date was crossed out and replaced with a second review date. RTR personnel have been asked not to cross out initial review dates if another review is requested.
9. A radiography data form was submitted for each waste container in the batch? **Reference Source: WAP B3-4 Verification Source: Data Sheets**	☒	☐	☐	
10. Is each data sheet signed and dated by the operator? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	
11. Is there a documented reference to the videotape for each container? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	LA-RTR2-04-0004 A (DVD) LA-RTR2-04-0004 B
12. Date of radiography examination? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	4/21/04
13. TRUCON Code? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	LA211, LA116-119, LA125

CCP SPQAO Nondestructive Examination Project Level Validation Checklist and Summary

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **EXAMINATION DATE:** 4/21/04

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
14. Waste Matrix Code? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	S5400 and S3120
15. Indication of Liner? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
16. Indication of liner type? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
17. Indication of number of layers of confinement? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
18. Amount of free liquid? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
19. Indication of sealed containers > 4L? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
20. Absence of prohibited items? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
21. Indication of vented rigid liner? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
22. Container gross weight recorded? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
23. Indication of heavy and/or sharp object braced? **Reference Source: TRAMPAC 2.7** **Verification Source: Data**	☒	☐	☐	
24. Fill factor reported in percent (%)? **Reference Source: CCP Technical Procedures** **Verification Source: Data Sheets**	☒	☐	☐	
25. Verification that the physical form matches the waste stream description? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
26. Verification that the physical form matches the Waste Matrix Code? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	
27. Operator signature release and date? **Reference Source: WAP Table B3-11** **Verification Source: Data Sheets**	☒	☐	☐	

CCP SPQAO Nondestructive Examination Project Level Validation Checklist and Summary

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **EXAMINATION DATE:** 4/21/04

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
28. Space for Comments? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	
29. Estimate of each material parameter weight? (Kg) **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	
30. Description of each material parameter? **Reference Source: WAP Table B3-11 Verification Source: Data Sheets**	☒	☐	☐	
31. The replicate scan and independent observation were performed on different waste containers? **Reference Source: WAP B1-3b(2) Verification Source: Data Sheets and/or BDR**	☒	☐	☐	
32. Replicate scan was performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: WAP B1-3b(2) Verification Source: Data Sheets**	☒	☐	☐	S817162
33. An independent observation was performed once per day, or once per batch, whichever is LESS frequent? **Reference Source: WAP B1-3b(2) Verification Source: Data Sheets**	☒	☐	☐	59397
34. The MPWs of the replicate scan are within ∀ 50% of the weights of the original scan? **Reference Source: CCP Technical Procedures Verification Source: Data Sheets**	☒	☐	☐	
35. The MPWs of the independent observation scan are within ∀ 50% of the weights of the original scan? **Reference Source: CCP Technical Procedures Verification Source: Data Sheets**	☒	☐	☐	
36. Operational checks for the radiography equipment were performed prior to analysis? **Reference Source: WAP B3-4 Verification Source: Data Sheets**	☒	☐	☐	
37. Operational checks were performed daily? **Reference Source: WAP B3-4 Verification Source: Measurement Control Report**	☒	☐	☐	

CCP SPQAO Nondestructive Examination Project Level Validation Checklist and Summary

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **EXAMINATION DATE:** 4/21/04

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
38. All the appropriate QC forms (replicate scan, independent observation, operational checks)? **Reference Source: WAP Table B3-11 Verification Source: QC Sheets**	☒	☐	☐	
39. Weight Scale Calibration Check? **Reference Source: CCP Technical Procedures Verification Source: Measurement Control Report**	☒	☐	☐	
40. Scale Weight Check? **Reference Source: CCP Technical Procedures Verification Source: Measurement Control Report**	☒	☐	☐	
41. Lines-Pair Resolution Test Check? **Reference Source: WAP Table B3-11 Verification Source: Measurement Control Report**	☒	☐	☐	
42. DGL Video/audio check? **Reference Source: WAP Table B3-11 Verification Source: Measurement Control Report**	☒	☐	☐	
43. Was the person performing the replicate scan a qualified radiography operator different from the individual who performed the original scan? **Reference Source: WAP B1-3b(2) Verification Source: Data Sheets and/or Training Records**	☒	☐	☐	
44. Was the independent observer a qualified radiography operator different from the individual who performed the initial observation? **Reference Source: WAP B1-3b(2) Verification Source: Data Sheets**	☒	☐	☐	

CCP SPQAO Nondestructive Examination Project Level Validation Checklist and Summary

BATCH DATA REPORT NUMBER: LA-RTR2-04-0004 **EXAMINATION DATE:** 4/21/04

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
45. A videotape or equivalent media with a unique identifier was submitted for each waste container in the batch? **Reference Source: WAP B3-4 Verification Source: Data Sheets**	☒	☐	☐	
46. Training qualifications for all radiography personnel are acceptable? **Reference Source: WAP Table B3-10 Verification Source: Training Records**	☒	☐	☐	
47. Is CCP-TP-001-A6 included?	☐	☒		

The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP.

Irene Quintana — Site Project QA Officer

Signature

3/16/05 — Date

Attachment 7 - CCP Radiography Batch Data Report Cover Sheet 4/22/04 4/21/04

Batch Data Report No.: LA-RTR2-04-0004 Date: 4/22/04 11/10/04

	Waste Container ID Number
1 11.10.04	~~LA0000000~~ 59397 (I) LM 9-9-04
2 11.10.04	~~LA0000000~~ 59073
3 11.10.04	~~LA0000000~~ 59326
4 11.10.04	~~LA0000000~~ 59382
5 11.10.04	~~LA0000000~~ 59371
6	S833682
7	S817176
8	S817178
9	S817174
10	S817172
11	S817165
12	S817163
13	S817162 (R) LM 9-9-04
14	
15	
16	
17	
18	
19	
20	

Jack Vigil 4/28/04

RTR Independent Technical Reviewer:		
JACK VIGIL	Jack Vigil	4/28/04 11/9/04
Print Name	Signature	Date
RTR Technical Supervisor:		
PAUL MARTINEZ		11.10.04 11/10/04 ~~4-28-04~~
Print Name	Signature	Date
RTR Facility Quality Assurance Officer:		
JACK VIGIL	Jack Vigil	4/28/04 11/10/04
Print Name	Signature	Date

ORIGINAL

Attachment 6 - CCP Radiography Batch Data Report Table Of Contents

4/21/04 JK 11/10/04

Batch Data Report No.: LA-RTR2-04-0004 Date: ~~4/22/04~~

Table Of Contents		
Item	Description	Page No.
1	CCP Radiography Batch Data Report Cover Sheet	1 - 1A
2	CCP Radiography Batch Data Report Table Of Contents	2
3	CCP RTR Measurement Control Report	3
4	CCP Radiography Data Sheets	4
5	CCP Radiography Independent Technical Reviewer Checklist	49
6	CCP Radiography Technical Supervisor Review Checklist	51
7	CCP Radiography Facility Quality Assurance Officer Review Checklist	52
8	RTR Audio/Video Media	n/a
9	Copy of NCRs (N/A, If Not Applicable)	n/a
10	Scale Calibration Check and Container Weight Information DM 6-3-04	53

JK 11/24/04

Total 54

Pg. 1 = 1 and 1A

JK 11/29/04

Attachment 1 - CCP RTR Measurement Control Report

CCP RTR Measurement Control Report		
Site Location: LANL (Area 9)		
Batch Data Report No.: LA-RTR 2-04-0004		
Examination Date: 4/21/04		
Control Checks		
Audio/Video Media Recording System - Audio/Visual Checks	☑ SAT	☐ UNSAT
Image Test Pattern Test ~~LM~~ 4/21/04 lines-pair/cm: 5 ~~LM~~ (Minimum acceptable is 5 lines-pair/cm) 5 Line pair observed	☑ SAT	☐ UNSAT
Comments: ~~N/A~~ Fell within ACCEPTABLE LIMITS "Image test PATTERN" LM 11-10-04		
RTR Operator: Leon Martinez (Printed Name) Leon Martinez (Signature) 4/21/04 LM 11-10-04 (Date)		

Attachment 2 - CCP Radiography Data Sheet

☒ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area G)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	~~LA~~59397 11.10.04
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev ~~0~~ 1 LM 9-9-04
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ NO ☐ YES ☐ NCR No.: _____ Date: _____

Container Type:	55 gal. steel drum
TRUCON Code:	LA116, LA117, LA118, LA119, LA125
Waste Matrix Code:	55400
Waste Stream Number:	LA-NHDA1.001
Waste Container Weights:	Tare Wt: ~~LA~~ 28.7 27.7 kg LM 11-10-04 (LM 4/21/04) Gross Wt: 34.5 kg.
Rigid Liner Present? ☒ NO ☐ YES	Type of Liner: ☐ Other: _____ N/A LM 11-10-04 ☐ 30-mil ☐ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☐ YES N/A LM 11-10-04	☐ Vented ☐ Filtered: N/A
Number of Layers of Confinement:	1
Volume Utilization Percentage:	60 %

Added N/A LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet (continued) **Page 2 of 3**

Container ID: ~~[illegible]~~59397
11.10.04 [illegible]

[illegible]
PLASTIC WASTE ~~PLASTIC+~~ LM 4/21/04 PLASTIC BAGS LM 11-10-04

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	~~1.0~~ 0 LM 11-10-04
Others:	0
Total Packaging Weight:	~~28.7~~ 27.7 LM 11-10-04
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	~~5.8~~ 6.8
Organic Matrix (OR):	0
Inorganic Matrix (IN):	0
Soils (S):	0
Total WMP Weight:	~~5.8~~ 6.8

[illegible]

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~LA~~59397
11.10.04 JL

Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 In./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☐ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:

N/A

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

☒ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 9)
Batch Number:	LA-RTR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	~~LA~~59079
Audio/Video Media Number:	Primary: LA-RTR2-04-0004 A (11.10.04 LM) Backup: LA-RTR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ NO ☐ YES ☐ NCR No.: _____ Date: _____

Container Type:	55 GAL. Steel drum
TRUCON Code:	LA116, LA117, LA118, LA119, LA125
Waste Matrix Code:	5400
Waste Stream Number:	LA-NHD01 001
Waste Container Weights:	Tare Wt: ~~28.7~~ 27.7 kg LM 11-10-04 Gross Wt: 55.5 kg.
Rigid Liner Present? ☐ NO ☐ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☐ 90-mil ☐ 110-mil N/A 11-10-04
Rigid Liner is Vented OR Filtered? ☐ NO ☐ YES N/A LM 11-10-04	☐ Vented ☐ Filtered: NA
Number of Layers of Confinement:	2
Volume Utilization Percentage:	94 %

Added N/A
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet (continued)

Page 2 of 3

Container ID: ~~LA0000000~~59079
11.10.04 LM

METAL BOLTS
METAL FITTINGS
METAL HEPA VACUUM FROM GLOVE BOX
PLASTIC BAGS LM 11-10-04

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	~~1.0~~ 0 LM 11-10-04
Others:	0
Total Packaging Weight:	~~28.7~~ 27.7 LM 11-10-04
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	26.8
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	~~0~~ 1.0 LM 11-10-04
Organic Matrix (OR):	0
Inorganic Matrix (IN):	0
Soils (S):	0
Total WMP Weight:	~~26.8~~ 27.8 LM 11-10-04

OK 11/25/04

Attachment 2 - CCP Radiography Data Sheet (continued) Page 3 of 3

Container ID: ~~LA~~59079
11.10.04 cf

Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:

N/A

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date Lm 11-10-04

Attachment 2 - CCP Radiography Data Sheet

☒ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 9)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	~~TA000000~~59326 11.10.04 LM
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ NO ☐ YES ☐ NCR No.: _____ Date: _____

Container Type:	55 gal. Steel Drum
TRUCON Code:	LA116, LA117, LA118, LA119, LA125
Waste Matrix Code:	S5400
Waste Stream Number:	LA-NHDOL.001
Waste Container Weights:	Tare Wt: ~~28.2~~ 27.7 kg. LM 11-10-04 Gross Wt: 56.0 kg.
Rigid Liner Present? ☐ NO ☐ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☐ 90-mil ☐ 110-mil N/A LM 11-10-04
Rigid Liner is Vented OR Filtered? ☐ NO ☐ YES N/A LM 11-10-04	☐ Vented ☐ Filtered: NA
Number of Layers of Confinement:	1
Volume Utilization Percentage:	64 %

Added N/A
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~1A000000059326~~ 11.10.04 g

METAL CANISTERS (DENSE) PLASTIC WASTE (BAG)

Packaging Material Parameter	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	~~0.5~~ 0 LM 11-10-04
Others:	0
Total Packaging Weight:	~~28.2~~ 27.7
Waste Material Parameter	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	27.2
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	~~0.6~~ 1.1 LM 11-10-04
Organic Matrix (OR):	0
Inorganic Matrix (IN):	0
Soils (S):	0
Total WMP Weight:	~~27.8~~ 28.3 LM 11-10-04

CCP 4/25/04

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~TA0000059326~~ 59326
11.10.04 cf

Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES

Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:
N/A

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date

LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 9)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	~~LA000000~~59382 11.10.04 LM
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053 Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Container Type:	55 gal. Steel Drum
TRUCON Code: LM 4/21/04	~~LA11~~ LA116, LA117, LA118, LA119, LA125
Waste Matrix Code:	S5400
Waste Stream Number:	LA-NHD01.001
Waste Container Weights:	Tare Wt: 27.7 ~~28.2~~ kg. LM 11-10-04 Gross Wt: 45.0 kg.
Rigid Liner Present? ☑ NO ☐ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☐ 90-mil ☐ 110-mil N/A LM 11-10-04
Rigid Liner is Vented OR Filtered? ☐ NO ☐ YES N/A LM 11-10-04	☐ Vented ☐ Filtered: NA
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Added N/A
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: ~~LA0000059382~~ 11.10.04 cf

PLASTIC ELECTRICAL BOXES
WIRE (NSW)
RUBBER GASKET MATERIAL
PLASTIC WASTE (BANDING)

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	~~0.5~~ 0 LM 11-10-04
Others:	0
Total Packaging Weight:	28.2
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	1.0
Plastics (waste materials) (XPM):	~~15.8~~ 16.3 LM 11-10-04
Organic Matrix (OR):	0
Inorganic Matrix (IN):	0
Soils (S):	0
Total WMP Weight:	~~16.8~~ 17.3 LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~LA~~59382
11.10.04 g

Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:

N/A

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 5)
Batch Number:	LA-RTR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	~~LA~~ 59371 11.10.04
Audio/Video Media Number:	Primary: LA-RTR2-04-0004 A Backup: LA-RTR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Container Type:	55 gal. Steel Drum
TRUCON Code:	LA116, LA117, LA118, LA119, LA125
Waste Matrix Code:	S5400
Waste Stream Number:	LA-NRD01.001
Waste Container Weights:	Tare Wt: 34.1 ~~34.6~~ kg. LM 9-9-04 Gross Wt: 63.0 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered: NO LID
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~LA~~59371
11.10.04 gf

SCREWS SCRAP METAL METAL CONTAINERS POWER CORD WRENCHES TWEEZERS POWER TOOL RUBBER

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	~~6.9~~ 6.4 LM 9-9-04
Others:	0
Total Packaging Weight:	~~34.6~~ 34.1 LM 9-9-04
Waste Material Parameter	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	~~27.4~~ 27.9 LM 9-9-04
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	1.0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	0
Soils (S):	0
Total WMP Weight:	~~28.4~~ 28.9 LM 9-9-04

OOPS 12/23/04

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~LA~~59371
11.10.04 cf

Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:

N/A

RTR Operator:

Leon MARTINEZ
Print Name

Leon Martinez
Signature

~~4/21/04~~
Date LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☒ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (AREA 9)
Batch Number:	LA-RTR2-04-0004
Examination Date:	4/21-04
Waste Container ID:	5833682
Audio/Video Media Number:	Primary: LA-RTR2-04-0004 A Backup: LA-RTR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 gal. Steel drum
TRUCON Code:	~~LA111~~ LA211 LM 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LM-NiNO3-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 200.5 kg.
Rigid Liner Present? ☐ NO ☒ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☒ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☒ YES	☒ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: S833682

Section 3: Container Inventory and Comments (Detailed descriptions)
INORGANIC ~~Homogeneous~~ WASTE (SLUDGE) LM 6-1-04 HOMOGENEOUS LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	165.4
Soils (S):	0
Total WMP Weight:	165.4

CAL-P 5/25/04

Attachment 2 - CCP Radiography Data Sheet (continued)

Page 3 of 3

Container ID: 5833682

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:
N/A

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/28/04
Date
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (AreA 3)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	887176
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1 LM 4/21/04
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 gal. steel drum
TRUCON Code:	~~LA111~~ LA211 LM 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LA-MIXO3-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 188.5 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: S817176

Section 3: Container Inventory and Comments (Detailed descriptions)
Inorganic ~~Homogeneous~~ waste (Sludge) Lm 6-1-04 Homogeneous Lm 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	153.4
Soils (S):	0
Total WMP Weight:	153.4

Attachment 2 - CCP Radiography Data Sheet (continued)

Page 3 of 3

Container ID: 5817176

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (MDAS)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	58171738 LM 4/21/04
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 0-1 LM 4/21/04
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 gal. steel drum
TRUCON Code:	LA111 LA211 LM 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LA-MIN03-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 189.0 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: 58171728 LM 4/21/04

Section 3: Container Inventory and Comments (Detailed descriptions)
INORGANIC ~~Homogeneous~~ WASTE (Sludge) LM 6-1-04 Homogeneous LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	153.9
Soils (S):	0
Total WMP Weight:	153.9

Attachment 2 - CCP Radiography Data Sheet (continued) Page 3 of 3

Container ID: 581717281m 4/21/04

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block.)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area G)
Batch Number:	LA-RTR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	5817174
Audio/Video Media Number:	Primary: LA-RTR2-04-0004 A Backup: LA-RTR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 01 LM 4/21/04
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 gal. Steel drum
TRUCON Code:	~~LA111~~ LA211 LM 4/21/04
Waste Matrix Code:	53120
Waste Stream Number:	LA-MINO3-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 203.5 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: 5817174

Section 3: Container Inventory and Comments (Detailed descriptions)
INORGANIC ~~HOMOGENOUS~~ WASTE (SLUDGE) LM 6-1-04 HOMOGENEOUS LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	168.4
Soils (S):	0
Total WMP Weight:	168.4

[illegible] 6/25/04

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: S817174

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

Date 9/21/04
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☑ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 9)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	S817172
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 GAL. Steel drum
TRUCON Code:	~~LA111~~ LA211 on 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LA-MIN03-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 170.5 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: 5817172

Section 3: Container Inventory and Comments (Detailed descriptions)
Inorganic ~~Homogeneous~~ waste (Sludge) LM 6-1-04 Homogeneous LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	135.4
Soils (S):	0
Total WMP Weight:	135.4

Attachment 2 - CCP Radiography Data Sheet (continued) Page 3 of 3

Container ID: S817172

Section 5: RTR Summary. (Questions answered "YES" will be explained in the "Comments block.)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block.)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date

LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 9)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	S817165
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 01 LM 4/21/04
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 gal. Steel drum
TRUCON Code:	~~LA111~~ LA211 LM 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LA-M.NO3-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 168.0 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: S817165

Section 3: Container Inventory and Comments - (Detailed descriptions)
INORGANIC ~~Hmogeneous~~ WASTE (SLUDGE) LM 6-1-04 HOMOGENEOUS LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	132.9
Soils (S):	0
Total WMP Weight:	132.9

Attachment 2 - CCP Radiography Data Sheet (continued) Page 3 of 3

Container ID: S817165

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date
LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (Area 9)
Batch Number:	LA-RtR2-04-0004
Examination Date:	4/21/04
Waste Container ID:	S817163
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 GAL. Steel Drum
TRUCON Code:	~~LA111~~ LA211 LM 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LA-MiNO3-NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 171.0 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner Is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: 5817163

Section 3: Container Inventory and Comments (Detailed descriptions)

Inorganic ~~Homogeneous~~ waste (sludge) 6-1-04 LM
Homogeneous
LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters

Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	135.9
Soils (S):	0
Total WMP Weight:	135.9

Attachment 2 - CCP Radiography Data Sheet (continued) Page 3 of 3

Container ID: S817163

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

11-10-04
Date

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☒ RTR Examination ☐ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (AREA 3)
Batch Number:	LA-RTR2.04-0004
Examination Date:	4/21/04
Waste Container ID:	SB17162
Audio/Video Media Number:	Primary: LA-RtR2-04-0004 A Backup: LA-RtR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053, Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☒ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 gal. Steel Drum
TRUCON Code:	~~LA11~~ LA211 LM 4/21/04
Waste Matrix Code:	S3120
Waste Stream Number:	LA-MiNO3NC.001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 170.0 kg.
Rigid Liner Present? ☐ NO ☒ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☒ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☒ YES	☒ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: 5817162

Section 3: Container Inventory and Comments (Detailed descriptions)
INORGANIC ~~Homogenous~~ WASTE (SLUDGE) LM 6-1-04 HOMOGENEOUS LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	134.9
Soils (S):	0
Total WMP Weight:	134.9

Attachment 2 - CCP Radiography Data Sheet (continued) Page 3 of 3

Container ID: 5817162

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES
Comments: N/A		

RTR Operator:

Leon Martinez
Print Name

Leon Martinez
Signature

4/21/04
Date

LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☑ RTR Replicate Scan ☐ RTR Independent Observation	
Site ID and Location:	LANL (AREA G)
Batch Number:	LA-RTR2-04-0004
Examination Date:	4-21-04
Waste Container ID:	S817162-P 4-21-04
Audio/Video Media Number:	Primary: LA-RTR2-04-0004 A Backup: LA-RTR2-04-0004 B
Procedure and Revision No.:	CCP-TP-053 Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Data	
Container Type:	55 GAL METAL DRUM
TRUCON Code:	4-21-04 ~~LA111~~ LA211
Waste Matrix Code:	S3120
Waste Stream Number:	LA-MIN03-NC.0001
Waste Container Weights:	Tare Wt: 35.1 kg. Gross Wt: 170.0 kg.
Rigid Liner Present? ☐ NO ☑ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☑ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☑ YES	☑ Vented ☐ Filtered:
Number of Layers of Confinement:	1
Volume Utilization Percentage:	95 %

Attachment 2 - CCP Radiography Data Sheet (continued) Page 2 of 3

Container ID: 5817162

Section 3: Container Inventory and Comments (Detailed descriptions)
INORGANIC WASTE (SLUDGE) M 6-1-04 ^ Homogeneous LM 11-10-04

Section 4: Packaging Material and Waste Material Parameters	
Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	7.4
Others:	0
Total Packaging Weight:	35.1
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	0
Organic Matrix (OR):	0
Inorganic Matrix (IN):	134.9
Soils (S):	0
Total WMP Weight:	134.9

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: 5817162

Section 5: RTR Summary (Questions answered "YES" will be explained in the Comments block.)		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" will be explained in the Comments block.)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments: 4.21.04

Replicate scan fell within acceptable limits.

RTR Operator:

Print Name

Signature

Date 4.21.04

LM 11-10-04

Attachment 2 - CCP Radiography Data Sheet

Section 1: General Information	
☐ RTR Examination ☐ RTR Replicate Scan ☑ RTR Independent Observation	
Site ID and Location:	LANL (AREA G)
Batch Number:	LA-RTR2-04-0004
Examination Date:	4-22-04
Waste Container ID:	~~LA000000059397~~
Audio/Video Media Number:	11.10.04 Primary: LA-RTR2-04-0004A Backup: LA-RTR2-04-0004B
Procedure and Revision No.:	CCP-TP-053 Rev. 1
NCR(s) associated with the container? (e.g., Prohibited Items)	☑ NO ☐ YES ☐ NCR No.: _____ Date: _____

Section 2: Waste Container Information	
Container Type:	55 GAL METAL DRUM
TRUCON Code:	LA116, LA117, LA118, LA119, LA125
Waste Matrix Code:	S5400
Waste Stream Number:	LA-NHD01.001
Waste Container Weights:	Tare Wt: ~~29.7~~ 27.7 kg. Lan 11-10-04 Gross Wt: 34.5 kg.
Rigid Liner Present? ☑ NO ☐ YES	Type of Liner: ☐ Other: _____ ☐ 30-mil ☐ 90-mil ☐ 110-mil
Rigid Liner is Vented OR Filtered? ☐ NO ☐ YES	☐ Vented ☐ Filtered: NA
Number of Layers of Confinement:	1
Volume Utilization Percentage:	63 %

Controlled Copy

Attachment 2 - CCP Radiography Data Sheet (continued) **Page 2 of 3**

Container ID: ~~LA0000~~59397 11.10.04 [illegible]

Section 3: Container Inventory and Contents [illegible]

PLASTIC WASTE
PLASTIC BAGS LM 11-10-04

Section 4: [illegible]

Packaging Material:	**Estimated Weight (kg)**
Steel (ST):	27.7
Plastics (PP):	~~2.0~~ 0 LM 11-10-04
Others:	0
Total Packaging Weight:	~~29.7~~ 27.7 LM 11-10-04
Waste Material Parameter:	**Estimated Weight (kg)**
Iron-based Metal / Alloys (IM):	0
Aluminum-based Metals / Alloys (AM):	0
Other Metals (OM):	0
Other Inorganic Materials (OI):	0
Cellulosics (C):	0
Rubber (R):	0
Plastics (waste materials) (XPM):	~~4.8~~ 6.8 LM 11-10-04
Organic Matrix (OR):	0
Inorganic Matrix (IN):	0
Soils (S):	0
Total WMP Weight:	~~4.8~~ 6.8 LM 11-10-04

[illegible]

Controlled
Copy

Attachment 2 - CCP Radiography Data Sheet (continued)

Container ID: ~~LA0000~~0859397
11.10.04 [initials]

Section 5: RTR Summary [illegible]		
Are there liquid wastes (i.e., Free liquids) present? Amount:	☑ NO	☐ YES
Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	☑ NO	☐ YES
Is there residual liquid > 1% of the container volume?	☑ NO	☐ YES
Are there Explosives present?	☑ NO	☐ YES
Are there potentially pressurized containers or Compressed gases present?	☑ NO	☐ YES
Are there Ignitables(D001) present?	☑ NO	☐ YES
Are there Corrosives (D002) present?	☑ NO	☐ YES
Are there Reactive (D003) wastes present?	☑ NO	☐ YES
Are there Pyrophoric materials present?	☑ NO	☐ YES
Are there Polychlorinated Biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	☑ NO	☐ YES
Are there Non-mixed hazardous wastes present?	☑ NO	☐ YES
Are incompatible wastes present (i.e., waste does NOT match TRUCON Code)? (Wastes that are incompatible with backfill, seal and panel closure materials, container and packaging materials, shipping container materials, and/or other wastes.)	☑ NO	☐ YES
Are there sealed containers or Heat-sealed bags (unvented) > 4 liters?	☑ NO	☐ YES
Were there Non-approved Closure Methods used on liners/bags?	☑ NO	☐ YES
Are there indications of inadequate protection for heavy and/or sharp objects that may cause a puncture of the payload/waste container?	☑ NO	☐ YES
Section 5: Waste Summary (Questions answered "NO" must be explained in the Comments block)		
Does the physical form of the waste match the Waste Stream description?	☐ NO	☑ YES
Does the physical form of the waste match the Waste Matrix Code?	☐ NO	☑ YES

Comments:

Independent Observation fell within acceptable limits.

RTR Operator

Paul Martinez — Print Name | [signature] — Signature | ~~4-22-04~~ LM 11-10-04 — Date

Attachment 3 - CCP Radiography Independent Technical Reviewer Checklist

Batch Data Report No.: LA-RTR2-04-0004

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	☐ NO	☑ YES	☐ N/A
2. Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 1	☐ NO	☑ YES	☐ N/A
3. Are the waste material parameters (WMPs) entered correctly?	☐ NO	☑ YES	☐ N/A
4. Verify the hand calculations on the Radiography Data Sheet, and for each WMP, the weights are entered into the Estimated Weight column of Section 4 of Attachment 2.	☐ NO	☑ YES	☐ N/A
5. Is the data reported in kilograms (kg) with the correct number of significant figures (one tenth of a kilogram)?	☐ NO	☑ YES	☐ N/A
6. Are there transcription errors?	☐ NO	☑ YES	☐ N/A
7. Does the Testing Batch Report include radiography for up to 20 containers?	☐ NO	☑ YES	☐ N/A
8. BDR contents are complete and match the CCP Waste RTR Batch Data Report Table Of Contents?	☐ NO	☑ YES	☐ N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	☐ NO	☑ YES	☐ N/A
10. Is all data recorded clearly, legibly, and accurately?	☐ NO	☑ YES	☐ N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	☐ NO	☑ YES	☐ N/A
12. Was justification made for changing the original data?	☐ NO	☑ YES	☐ N/A
13. Were data changes made by the individual who originally collected the data?	☐ NO	☑ YES	☐ N/A
14. Does the waste match the Waste Matrix Code and Waste Stream description?	☐ NO	☑ YES	☐ N/A
15. Are the RTR Operator's decisions regarding the Radiography documented?	☐ NO	☑ YES	☐ N/A
16. Is there an adequate written description of the contents of each item?	☐ NO	☑ YES	☐ N/A
17. Were the scale(s) in calibration prior to the radiography and documented correctly.	☐ NO	☑ YES	☐ N/A
18. Were the scale checks "SAT" prior to each radiography and documented correctly?	☐ NO	☑ YES	☐ N/A
19. Was the audio/video media properly prepared and labeled for each waste container?	☐ NO	☑ YES	☐ N/A
20. Was the audio/video check performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	☐ N/A

Attachment 3 - CCP Radiography Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LA-RTR2-04-0004

Description			
21. Was the Image Test Pattern Test performed satisfactorily and recorded on Attachment 1?	☐ NO	☑ YES	☐ N/A
22. Was the Replicate Scan performed and recorded on an Attachment 2? (1 per batch or 1 per day, whichever is less frequent.)	☐ NO	☑ YES	☐ N/A
23. Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	☐ N/A
24. Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	☐ N/A
25. Was the Independent Observation performed and recorded on an Attachment 2? (1 per batch or 1 per day, whichever is less frequent.)	☐ NO	☑ YES	☐ N/A
26. Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	☐ N/A
27. Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	☐ N/A
28. Are the NCR(s) associated with the RTR examination included in the BDR?	☐ NO	☐ YES	☑ N/A

Comments:

n/a

I have reviewed 100% of the container specific and batch data in this report and find it acceptable for a RTR Technical Supervisor review.

Independent Technical Reviewer:

JACK VIGIL
Printed Name

Jack Vigil
Signature

11/10/04
4/28/04
Date

Attachment 4 - CCP Radiography Technical Supervisor Review Checklist

Batch Data Report No.: LA-RTR2-04-0004

Description			
1.	Has all the data received an independent technical review as evidenced by the appropriate ITR signature?	☐ NO	☑ YES
2.	Data is technically reasonable based upon the techniques used?	☐ NO	☑ YES
3.	BDR contents are complete and match the CCP Radiography Batch Data Report Table Of Contents?	☐ NO	☑ YES
4.	Was the Independent Observation performed and recorded on an Attachment 2? (1 per batch or 1 per day, whichever is less frequent.)	☐ NO	☑ YES
5.	Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES
6.	Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES

Comments:

~~N/A~~ This batch was re-reviewed on 11.10.04 to make a correction to the plastic packaging field. These changes are based on a misunderstanding of what constituted plastic packaging material

11.10.04

I have reviewed 100% of the container specific and batch data in this report and find it acceptable for a Facility Quality Assurance Officer review.

RTR Technical Supervisor:

Printed Name: [illegible] MARTINEZ

Signature

Date: 11.10.04 ~~4-28-04~~

11.10.04

Attachment 5 - CCP Radiography Facility Quality Assurance Officer Review Checklist

Batch Data Report No.: LA-RTR2-04-0004

Description			
1. Has all the data received an independent technical review as evidenced by the appropriate ITR signature?	☐ NO	☑ YES	☐ N/A
2. Has all the data received a Technical Supervisor Review as evidenced by the appropriate TS signature?	☐ NO	☑ YES	☐ N/A
3. BDR contents are complete and match the CCP Radiography Batch Data Report Table Of Contents?	☐ NO	☑ YES	☐ N/A
4. Were the scale(s) in calibration prior to the radiography and documented correctly.	☐ NO	☑ YES	☐ N/A
5. Were the scale checks "SAT" prior to each radiography and documented correctly?	☐ NO	☑ YES	☐ N/A
6. Was the audio/video media properly prepared and labeled for each waste container?	☐ NO	☑ YES	☐ N/A
7. Was the audio/video check performed satisfactorily prior to the radiography?	☐ NO	☑ YES	☐ N/A
8. Were NCRs initiated as required and dispositioned appropriately?	☐ NO	☐ YES	☑ N/A
9. Was the correct revision of the procedure used? Procedure: CCP-TP-053 Rev.: 1	☐ NO	☑ YES	☐ N/A
10. Were there NO more than 20 containers in the batch?	☐ NO	☑ YES	☐ N/A
11. Is the data reported in kilograms (kg) with the correct number of significant figures (one tenth of a kilogram)?	☐ NO	☑ YES	☐ N/A
12. Precision QAO: Was the Image Quality satisfactory?	☐ NO	☑ YES	☐ N/A
13. Was the Replicate Scan performed and recorded on an Attachment 2? (1 per batch or 1 per day, whichever is less frequent.)	☐ NO	☑ YES	☐ N/A
14. Was the Replicate Scan RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	☐ N/A
15. Did the Replicate Scan RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	☐ N/A
16. Was the Independent Observation performed and recorded on an Attachment 2? (1 per batch or 1 per day, whichever is less frequent.)	☐ NO	☑ YES	☐ N/A
17. Was the Independent Observation RTR Operator different from the first RTR Operator?	☐ NO	☑ YES	☐ N/A
18. Did the Independent Observation RTR Operator and the first RTR Operator agree on the results?	☐ NO	☑ YES	☐ N/A

Comments:
n/a

I have reviewed 100% of the container specific and batch data in this report and find it acceptable for project level review.

Facility Quality Assurance Officer:
JACK VIGIL
Printed Name

Jack Vigil
Signature

4/28/04
Date

N. 11/10/04

Attachment 3 - CCP Scale Calibration Check and Container Weight Information

PART I
Scale Calibration Check Information

Scale ID #	Location	Scale Calibration Due Date	Scale Calibration Date Valid (Yes / No)	Scale Cal Check (Sat / Unsat)	Initials	Date
20426	Dana 232	6/11/04	Y	Sat	CJ	4.21.04
			4.21.04			

PART II
Container Weight Information

Container ID #	Gross Weight (Kg)	Initials	Date
S817163	171.0 KG	CJ	4.21.04
S817172	170.5 KG	CJ	4.21.04
S817178	189.0 KG	CJ	4.21.04
CJ 11.10.04 ~~LA000000~~ 59079	55.5 KG	CJ	4.21.04
CJ 11.10.04 LA000000 59371	63.0 KG	CJ	4.21.04
S817176	188.5 KG	CJ	4.21.04
CJ 11.10.04 ~~LA000000~~ 59382	45.0 KG	CJ	4.21.04
S833682	200.5 KG	CJ	4.21.04
CJ 11.10.04 ~~LA000000~~ 59397	34.5 KG	CJ	4.21.04
CJ 11.10.04 ~~LA000000~~ 59326	54.0 KG	CJ	4.21.04
S817174	203.5 KG	CJ	4.21.04
S817162	170.0 KG	CJ	4.21.04
S817165	168.0 KG	CJ	4.21.04
		4.21.04	

CCP Personnel/Host Site: CHARLIE LUCERO — Print Name — Signature — 4.21.04 — Date
Drum Handler

VPM: F. Wesley Rost — Print Name — F. Wesley Rost — Signature — 4-21-04 — Date