

US EPA ARCHIVE DOCUMENT

Attachment 5 – CCP Site Project Manager Data Validation Summary

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

BATCH DATA REPORT NUMBER: LAVE540011 DATE: 4/09/05

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	✓		
2. The batch data report is complete. Reference Source: WAP B3-10b(2) and WAC A.5.2 Verification Source: Data Sheets	✓		
3. QAOs have been met. Reference Source: WAP B3-10b(2) Verification Source: QC Data Sheets	✓		5817165, 5817172, 5817176, 5817178, 5817179, 5817191, 5817190, 5817208, 5818504
4. Data reported with correct units and significant figures. Reference Source: WAP B3-10b(2) Verification Source: Data Sheets	✓		
5. Data have been assessed correctly. Reference Sources: WAP B3-10b(2) and B3-10b(3) Verification Source: Data Sheets	✓		
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	✓		NCR-LANL-0902-05 R.O Rejected 5817174 > 190 LIQUIDS
7. The applicable SPQAO Project Level Validation Checklist is complete, signed, and dated. Reference Source: WAP B3-10b(2) Verification Source: SPQAO Checklist	✓		
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		✓	VE BDR
9. HSG – All data are reported with the appropriate flags. Reference Source: WAP B3-10b(2) Verification Source: Data Sheet		✓	VE BDR

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ORIGINAL

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

BATCH DATA REPORT NUMBER: LAVES40011

DATE: 4/9/05

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		✓	VE BDR	
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		✓	VE BDR	
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		✓	Container numbers: VE BDR	
13. VE data is complete and properly reported. Reference Sources: WAP B1-3b(3) and B3-10b(2) Verification Source: BDR	✓		Rep:	
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		✓	VE BDR	
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		✓	VE BDR	
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		✓	VE BDR	

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

BATCH DATA REPORT NUMBER: LAUES40011 DATE: 4/9/05

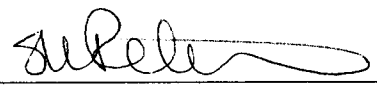
Description of Criteria Reviewed	Criteria Met? Y/N/NA		Comments/Qualifiers
17. OSR for LANL Sealed Sources, does the waste meet the definition of sealed sources per 10 CFR 30.4 and 10 CFR 835.2 (effective January 1, 2004) and documentation included with the AK information? Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet		✓	VE BDR
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		✓	VE BDR
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		✓	VE BDR
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		✓	VE BDR
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		✓	VE BDR

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

BATCH DATA REPORT NUMBER: LAVE540011 DATE: 4/9/05

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			✓	VE BDR
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			✓	VE BDR

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.

SM Peterman
Site Project Manager

Signature
5/3/05
Date

US EPA ARCHIVE DOCUMENT

Attachment 2 – CCP SPQAO Visual Examination Project Level Validation Checklist and Summary

BATCH DATA REPORT NUMBER: LAVE540011

EXAMINATION DATE: 4/9/05

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
1. Training requirements met for the VE expert and VE operators who have signed the data forms? Reference Source: WAP B1-3b(3) Verification Source: Training Records	X			Verified LOQI
2. Scale is identified and calibration has been checked? Reference Source: WAP Table B3-11 Verification Source: Data Sheets			X	Drums from the solid waste stream
3. Daily balance check documentation? Reference Source: WAP Table B3-11 Verification Source: Data Sheets			X	Drums from the solid waste stream
4. Video/audio test satisfactory? NA for VE technique for newly generated waste. Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			LAVE540011VT
5. A video/audio tape for each waste container with identification numbers? NA for VE technique for newly generated waste. Reference Source: WAP Table B3-11 Verification Source: Video Tape	X			
6. Batch number? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
7. Listing of all container numbers in the batch? Reference Source: WAP Table B3-11 Verification Source: Cover Sheet and/or Batch Data Report	X			10 containers
8. Batch data report date? Reference Source: WAP Table B3-11 Verification Source: Cover Sheet	X			4/20/05
9. Implementing procedure and revision number? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			CCP-TP-113 Rev. 3
10. Testing report sheets for each container in the batch? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			

Attachment 2 – CCP SPQAO Visual Examination Project Level Validation Checklist and Summary (continued)

BATCH DATA REPORT NUMBER: LAVE540011

EXAMINATION
DATE: 4/9/05

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
11. Is there a reference to or copy of associated NCRs? Reference Source: WAP Table B3-11 Verification Source: Batch Narrative	X			NCR-LANL-0902-05, Rev. 0 (open) reject drum S817174 residual liquid > 1%.
12. Twenty or fewer containers in the batch? Reference Source: WAP B3-10 Verification Source: Data Sheets	X			
13. Documentation of VE expert decision? Reference Source: WAP Table B3-11 Verification Source: VE Expert Narrative	X			
14. Signature and date of VE expert? For VE technique, signature and date of the VE Lead. Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
15. Independent Technical Reviewer Checklist? Reference Source: WAP B3-10a Verification Source: DGL Checklist	X			
16. Technical Supervisor Checklist? Reference Source: WAP B3-10a Verification Source: DGL Checklist	X			
17. Facility QA Officer Checklist? Reference Source: WAP B3-10a Verification Source: DGL Checklist	X			
18. Waste container number? Reference Source: WAP B3-11 Verification Source: Data Sheets	X			
19. TRUCON and/or waste matrix code? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			LA211 S3120
20. Date of visual examination? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
21. Description of liner? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
22. Number of layers of confinement? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			

Attachment 2 – CCP SPQAO Visual Examination Project Level Validation Checklist and Summary (continued)

BATCH DATA REPORT NUMBER: LAVE540011

EXAMINATION
DATE: 4/9/05

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
23. Indication of vented rigid liner? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
24. Verification that the physical form matches the waste stream description? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
25. Verification that the physical form matches the Waste Matrix Code? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
26. Indication of sealed container > 4 liters (L)? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
27. Amount of residual liquid? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			Drum S817174 contain >1% residual liquid.
28. Are prohibited items absent? Reference Source: WAP Table B3-11 Verification Source: Data Sheets and/or Batch Data Report	X			
29. Comment field available? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
30. Weights/estimated weights for the 12 waste material parameters in Kg? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
31. Description for each waste material parameter? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
32. Container gross weight (Kg)? Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			

Attachment 2 – CCP SPQAO Visual Examination Project Level Validation Checklist and Summary (continued)

BATCH DATA REPORT NUMBER: LAVE540011

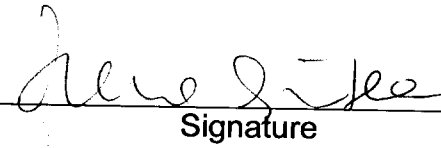
EXAMINATION
DATE: 4/9/05

Description of Criteria Reviewed	Criteria Met? Y/N/NA			Comments/Qualifiers
33. Operator signature releases and date? Two operator's signature release and dates for VE technique for newly generated waste. Reference Source: WAP Table B3-11 Verification Source: Data Sheets	X			
34. For LANL Sealed Sources, does the characterized waste container meet the definition of sealed sources per 10 Code of Federal Regulations (CFR) 30.4 and 10 CFR 835.2 (effective January 1, 2004) evidence of which is assembled as part of Ak documentation? Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet			X	Not sealed sources
35. For LANL Sealed Sources, are sealed sources the only non packaging items in the waste container? Reference Source: WAP B-3a(1)(iii) Verification Source: Data Sheet			X	Not sealed sources
36. For LANL Sealed Sources, are the sealed source a US Department of Transportation (DOT) Special Form Class 7 (Radioactive Material) per 49 CFR 34.27 (effective January 1, 2004) and the certification of which is assembled as part of the AK documentation? Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet			X	Not sealed sources
37. 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	Not sealed sources

Attachment 2 – CCP SPQAO Visual Examination Project Level Validation Checklist and Summary (continued)

BATCH DATA REPORT NUMBER: LAVE540011

EXAMINATION
DATE: 4/9/05

Description of Criteria Reviewed	Criteria Met?			Comments/Qualifiers
	Y	N	NA	
38. For LANL Sealed Sources, is each sealed source a rigid sealed container less than or equal to 4 L in size or is it in a rigid sealed container less than or equal to four liters? Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet			X	Not sealed sources
39. For LANL Sealed Sources, AK documentation does not indicate the use of VOCs or VOC-bearing materials as constituents of sealed sources? Reference Source: WAP B-3a(1)(iii) Verification Source: AK information			X	Not sealed sources
40. For LANL Sealed Sources, the outer casing of each sealed source is of a non VOC-bearing material which is verified using the VE technique at the time of packaging? Reference Source: WAP B-3a(1)(iii) Verification Source: AK information and Data Sheet			X	Not sealed sources
41. Is Attachment 6 included?			X	
<p>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.</p>				
Irene Quintana Site Project QA Officer	 Signature			<u>4/25/05</u> Date

CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817165	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0004	Radiography Video ID Number: LA-RTR2-04-0004A	Radiography Date: 4/21/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		132.9	131.4
Soils/Gravel			1.14
Steel Packaging Materials		27.70	27.70
Plastic Packaging Materials		7.40	8.90
			18.40
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:

Irene Quintana
 Signature

Irene Quintana
 Print Name

4/25/05
 Date

US EPA ARCHIVE DOCUMENT

SP9A0-1

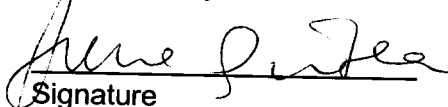
CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817172	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0004	Radiography Video ID Number: LA-RTR2-04-0004A	Radiography Date: 4/21/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		135.40	133.90
Soils/Gravel			1.11
Steel Packaging Materials		27.70	27.70
Plastic Packaging Materials		7.40	8.90
			18.40
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:


 Signature

Irene Quintana
 Print Name

4/25/05
 Date

S817172

CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817174	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0004	Radiography Video ID Number: LA-RTR2-04-0004A	Radiography Date: 4/21/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		168.4	N/A
Soils/Gravel			200.00
Steel Packaging Materials		27.70	27.7
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:

 _____
 Signature Print Name

Irene Quintana
 Print Name

4/25/05
 Date

US EPA ARCHIVE DOCUMENT

STQAO

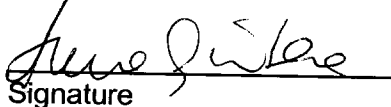
CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817176	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0004	Radiography Video ID Number: LA-RTR2-04-0004A	Radiography Date: 4/21/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		153.40	151.90
Soils/Gravel			
Steel Packaging Materials		27.70	27.7
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:


 Signature

Irene Quintana
 Print Name

4/25/05
 Date

S817176-4

US EPA ARCHIVE DOCUMENT

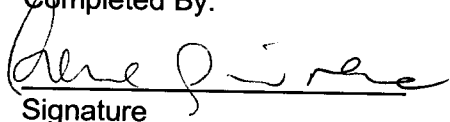
CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817178	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0004	Radiography Video ID Number: LA-RTR2-04-0004A	Radiography Date: 4/21/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		153.90	152.40
Soils/Gravel			
Steel Packaging Materials		27.70	27.7
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:


 Signature

Irene Quintana
 Print Name

4/25/05
 Date

US EPA ARCHIVE DOCUMENT

SAAS

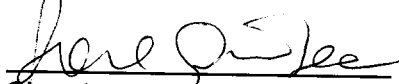
CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817179	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0006	Radiography Video ID Number: LA-RTR2-04-0006A	Radiography Date: 5/13/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		148.50	147.00
Soils/Gravel			1.02
Steel Packaging Materials		27.70	27.7
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:


 Signature

Irene Quintana
 Print Name

4/25/05
 Date

Signature

US EPA ARCHIVE DOCUMENT

CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817191	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05	
	Radiography Batch Number: LA-RTR2-04-0007	Radiography Video ID Number: LA-RTR2-04-0007A	Radiography Date: 5/18/04	
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)	RPD
Iron Based Metals/Alloys				
Aluminum Based Metals/Alloys				
Other Metals				
Other Inorganic Materials (sorbents)				
Cellulosics				
Rubber				
Plastic				
Organic Matrix				
Inorganic Matrix		134.70	133.20	1.12
Soils/Gravel				
Steel Packaging Materials		27.70	27.70	0.00
Plastic Packaging Materials		7.40	8.90	18.40
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:

Irene Quintana
 Signature

Irene Quintana
 Print Name

4/25/05
 Date

US EPA ARCHIVE DOCUMENT

4/25/05
 SPQ/ADJ

CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817190	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0007	Radiography Video ID Number: LA-RTR2-04-0007A	Radiography Date: 5/18/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		151.10	149.60
Soils/Gravel			1.00
Steel Packaging Materials		27.70	27.70
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:

Irene Quintana
Signature

Irene Quintana
Print Name

4/25/05
Date

S817190

US EPA ARCHIVE DOCUMENT

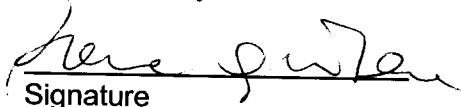
CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S817208	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number: LA-RTR2-04-0006	Radiography Video ID Number: LA-RTR2-04-0006A	Radiography Date: 5/13/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		149.70	148.20
Soils/Gravel			
Steel Packaging Materials		27.70	27.70
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:


 Signature

Irene Quintana
 Print Name

4/25/05
 Date

ST9102-9

US EPA ARCHIVE DOCUMENT

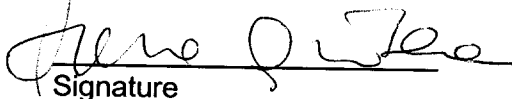
CCP Radiography/Visual Examination Comparison Report

Drum Container Identification: S818504	VE Batch Number: LAVE540011	VE Video ID Number: LAVE540011VT	VE Date: 4/9/05
	Radiography Batch Number:LA-RTR2-04- 0006	Radiography Video ID Number:LA-RTR2-04-0006A	Radiography Date:5/13/04
WASTE MATERIAL PARAMETER		Radiography (KG)	VISUAL (KG)
Iron Based Metals/Alloys			
Aluminum Based Metals/Alloys			
Other Metals			
Other Inorganic Materials (sorbents)			
Cellulosics			
Rubber			
Plastic			
Organic Matrix			
Inorganic Matrix		147.50	146.00
Soils/Gravel			1.02
Steel Packaging Materials		27.70	27.70
Plastic Packaging Materials		7.40	8.90
Is the waste matrix code determined by radiography different than the waste matrix code determined by VE?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Were prohibited items identified during VE that radiography did not identify?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Did VE determine that the container did not meet the WIPP WAP and WAC after radiography had determined that the container was acceptable?			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

The RPD is calculated as follows:

$$RPD = \frac{C_1 - C_2}{\frac{(C_1 + C_2)}{2}} \times 100$$

Completed By:


Signature

Irene Quintana
Print Name

4/25/05
Date

SQA-10

Attachment 6 - CCP Waste VE Batch Data Report Cover Sheet

Batch Date Report No.: LAVE540011

Date: 040905

Waste Container ID Number:	
1	S817165
2	S817172
3	S817174 NCR
4	S817176
5	S817178
6	S817179
7	S817191
8	S817190
9	S817208
10	S818504
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

Independent Technical Reviewer:		
<u>Gerald Espinoza</u> Print Name	<u>Gerald Espinoza</u> Signature	<u>4-20-05</u> Date
Technical Supervisor:		
<u>Tommy Mejica</u> Print Name	<u>[Signature]</u> Signature	<u>04/2005</u> Date
Facility Quality Assurance Officer:		
<u>Tommy Mejica</u> Print Name	<u>[Signature]</u> Signature	<u>04/2005</u> Date

US EPA ARCHIVE DOCUMENT

ORIGINAL

100
001
4/22/05
4/22/05
000

Attachment 5 - CCP Waste VE Batch Data Report Table of Contents

Batch Data Report No.: LAVE540011 Date: 040905

Table of Contents		
Item	Description	Page No.
1	CCP Waste VE Batch Data Report Cover Sheet	1
2	CCP Waste VE Batch Data Report Table of Contents	2
3	CCP Waste Visual Examination Data Forms	3
4	CCP Waste VE Independent Technical Reviewer Checklist	44
5	CCP Waste VE Technical Supervisor Review Checklist	46
6	CCP Waste VE Facility Quality Assurance Officer Review Checklist	47
7	Copy of NCRs (N/A, If Not Applicable)	48

Attachment 1 - CCP-Waste Visual Examination Data Form

Section 1: General Information		
X VE as QC Check	VE in Lieu of Radiography	VE Technique
1. Site ID and Location:	LATA54G Dome 231	
2. Batch Number:	LAVE540011	
3. Examination Date:	040905	
4. Procedure and Revision No.:	CCP-TP-113 Rev. 3	
5. Camera/Audio/Videotape Check:	X SAT	
6. VE Scale Information:	Serial/ID Number: N/A Calibration Due Date: N/A Calibration Check: N/A	
7. Test Weight Information: Test Weight Total: N/A Tray Weight: N/A	Serial/ID Number: N/A Calibration Due Date: N/A Serial/ID Number: N/A Calibration Due Date: N/A Serial/ID Number: N/A Calibration Due Date: N/A	
8. Container Scale Information	Serial/ID Number: N/A Calibration Due Date: N/A	
9. NCRs associated with the Container? (e.g., Prohibited Items)	NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NCR No.: <u>NCR-LANL-0902-05</u> Date: <u>040905</u>	
Comments: All layers of confinement will be breached unless otherwise noted. VE Operator: R.Montoya, I. Aragon VE Expert: T, Mojica RCT Coverage: J. Romero, J. Stimmel. (VE) for Homogeneous Waste will be performed with the material in place. (VE) for Homogeneous Waste for each container will be noted as 1 package. All items removed from this container will be returned to this original container. NCR/S817174 residual liquid > 1% of the container volume.		

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Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID: S817165	11. Waste Container ID: S817165
12. Audio/Videotape Number: LAVE540011VT	13. Audio/Videotape Number: LAVE540011VT
14. Container Type: Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code: S3120	19. Waste Matrix Code: S3120
20. Waste Container Weights: Gross Wt: 168.0kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 168.0kg.
22. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 60%	29. Volume Utilization Percentage: 60%
30. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:	31. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: <u>N/A</u> Calibration Due Date: <u>N/A</u> Filter: Model No.: <u>N/A</u> Serial No.: <u>N/A</u> Torque Value: <u>N/A</u> Lid Ring Bolt Torque Wrench Serial/ID No.: <u>XC0058</u> Calibration Due Date: <u>092205</u> Lid Ring Bolt Torque Value: <u>60 ft. lbs.</u>

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Section 3: Waste Package Data				
37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	131.4	E
NA				
RM				
4/19/05				

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Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	131.4
Soils (S):	
Total WMP Weight:	131.4

Attachment 1 - CCP Waste Visual Examination Data Form (continued)

Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

R. de Montoya
Print Name

[Signature]
Signature

4/19/05
Date

Visual Examination Operator 2:

[Signature]
Print Name

[Signature]
Signature

[Signature]
Date

Visual Examination Expert:

T. Mojica

Tommy Mojica
Print Name

[Signature]
Signature

04/19/05
Date

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID:S817172	11. Waste Container ID:S817172
12. Audio/Videotape Number:LAVE540011VT	13. Audio/Videotape Number:LAVE540011VT
14. Container Type:Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code:S3120	19. Waste Matrix Code:S3120
20. Waste Container Weights: Gross Wt: 170.5kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 170.5kg.
22. Rigid Liner_Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 70%	29. Volume Utilization Percentage: 70%
30. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:	31. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: <u>N/A</u> Calibration Due Date: <u>N/A</u> Filter: Model No.: <u>N/A</u> Serial No.: <u>N/A</u> Torque Value: <u>N/A</u> Lid Ring Bolt Torque Wrench Serial/ID No.: <u>XC0058</u> Calibration Due Date: <u>092205</u> Lid Ring Bolt Torque Value: <u>60 ft. lbs.</u>

US EPA ARCHIVE DOCUMENT

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	133.9	E
<i>NA</i>				
<i>Rm</i> <i>4/19/05</i>				

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Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 + = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	133.9
Soils (S):	
Total WMP Weight:	133.9

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Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

Rick Montoya
Print Name

Rick Montoya
Signature

4/19/05
Date

Visual Examination Operator 2:

NA 04/19/05
Print Name

NA 04/19/05
Signature

Date

Visual Examination Expert:

T. Mojica

Tommy Mojica
Print Name

Tommy Mojica
Signature

04/19/05
Date

US EPA ARCHIVE DOCUMENT

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID:S817174	11. Waste Container ID:S817174
12. Audio/Videotape Number:LAVE540011VT	13. Audio/Videotape Number:LAVE540011VT
14. Container Type:Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code:S3120	19. Waste Matrix Code:S3120
20. Waste Container Weights: Gross Wt: 203.5kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 203.5kg.
22. Rigid Liner_Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 75%	29. Volume Utilization Percentage: 75%
30. Closure Method/Layers of Confinement: Number of Layers: _____ 0 _____ Description:	31. Closure Method/Layers of Confinement: Number of Layers: _____ 0 _____ Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: _____ N/A Calibration Due Date: _____ N/A Filter: Model No.: _____ N/A Serial No.: _____ N/A Torque Value: _____ N/A Lid Ring Bolt Torque Wrench Serial/ID No.: _____ XC0058 Calibration Due Date: _____ 092205 Lid Ring Bolt Torque Value: _____ 60 ft. lbs.

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 3 of 5

Section 3: Waste Package Data				
37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, a]	41. Weighing Code(s)[Table 4**]
1	Residual liquid >1% of the container volume	N/A	N/A	N/A
<i>N A</i>				
<i>Rm 4/19/05</i>				

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Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 = 8.9
Others:	0
Total Packaging Weight:	36.6
43. Waste Material Parameter:	Estimated Weight (kg)
Iron-based Metal/Alloys (IM):	<i>WMP</i> <i>NA</i> <i>11/19/05</i>
Aluminum-based Metals/Alloys (AM):	
Other Metals (OM):	
Other Inorganic Materials (OI):	
Cellulosics (C):	
Rubber (R):	
Plastics (waste materials) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	
Soils (S):	
Total WMP Weight:	

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Attachment 1 - CCP Waste Visual Examination Data Form (continued)

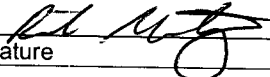
Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	NO	X YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present? Amount: _____	NO	X YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	X YES
c. Is there residual liquid > 1 percent of the container volume?	NO	X YES
d. Are there compressed gases present?	X NO	YES
e. Are there explosives present?	X NO	YES
f. Are there potentially pressurized containers in the waste?	X NO	YES
g. Are there sealed containers > 4 liters in the waste?	X NO	YES
h. Are there ignitables (D001) present?	X NO	YES
i. Are there corrosives (D002) present?	X NO	YES
j. Are there reactive (D003) wastes present?	X NO	YES
k. Are there pyrophorics present?	X NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	X NO	YES
m. Are there non-mixed hazardous wastes present?	X NO	YES
n. Are there 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.)	X NO	YES
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	X NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

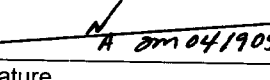
Print Name Rick Montoya

Signature 

Date 4/18/05

Visual Examination Operator 2:

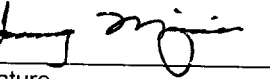
Print Name _____

Signature 

Date _____

Visual Examination Expert:

T. Mojica - Tommy Mojica

Signature 

Date 04/19/05

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	N/A
Output Waste Container	
10. Waste Container ID:S817176	11. Waste Container ID:S817176
12. Audio/Videotape Number:LAVE540011VT	13. Audio/Videotape Number:LAVE540011VT
14. Container Type:Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code:S3120	19. Waste Matrix Code:S3120
20. Waste Container Weights: Gross Wt: 188.5kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 188.5kg.
22. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 70%	29. Volume Utilization Percentage: 70%
30. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:	31. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: <u>N/A</u> Calibration Due Date: <u>N/A</u> Filter: Model No.: <u>N/A</u> Serial No.: <u>N/A</u> Torque Value: <u>N/A</u> Lid Ring Bolt Torque Wrench Serial/ID No.: <u>XC0058</u> Calibration Due Date: <u>092205</u> Lid Ring Bolt Torque Value: <u>60 ft. lbs.</u>

US EPA ARCHIVE DOCUMENT

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	151.9	E
<i>N A</i> <i>Rm</i> <i>9/19/05</i>				

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 + = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	151.9
Soils (S):	
Total WMP Weight:	151.9

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 5 of 5

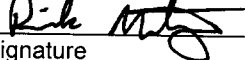
Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

Print Name Rick Montoya

Signature 

Date 4/19/05

Visual Examination Operator 2:

~~Print Name~~

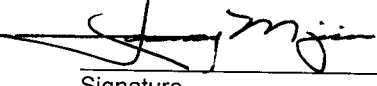
~~Signature~~

~~Date~~

Visual Examination Expert:

T. Mojica

Print Name Tommy Mojica

Signature 

Date 04/19/05

US EPA ARCHIVE DOCUMENT

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID: S817178	11. Waste Container ID: S817178
12. Audio/Videotape Number: LAVE540011VT	13. Audio/Videotape Number: LAVE540011VT
14. Container Type: Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code: S3120	19. Waste Matrix Code: S3120
20. Waste Container Weights: Gross Wt: 189.0kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 189.0kg.
22. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 75%	29. Volume Utilization Percentage: 75%
30. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:	31. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: <u>N/A</u> Calibration Due Date: <u>N/A</u> Filter: Model No.: <u>N/A</u> Serial No.: <u>N/A</u> Torque Value: <u>N/A</u> Lid Ring Bolt Torque Wrench Serial/ID No.: <u>XC0058</u> Calibration Due Date: <u>092205</u> Lid Ring Bolt Torque Value: <u>60 ft. lbs.</u>

US EPA ARCHIVE DOCUMENT

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	152.4	E
<i>NA</i> <i>4/19/05</i> <i>RM</i>				

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 + = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	152.4
Soils (S):	
Total WMP Weight:	152.4

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present? Amount:	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

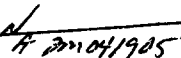
Print Name Rick Montoya

Signature 

Date 4/19/05

Visual Examination Operator 2:

~~Print Name _____~~

~~Signature ~~

~~Date 4/19/05~~

Visual Examination Expert:

T. Mojica

Print Name TOMMY MOJICA

Signature 

Date 04/19/05

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID: S817179	11. Waste Container ID: S817179
12. Audio/Videotape Number: LAVE540011VT	13. Audio/Videotape Number: LAVE540011VT
14. Container Type: Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code: S3120	19. Waste Matrix Code: S3120
20. Waste Container Weights: Gross Wt: 183.6kg.	21. Waste Container Weights: Tare Wt: <u>36.6</u> kg. Gross Wt: 183.6kg.
22. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u> </u> >0.3 in. <input type="checkbox"/> Filtered: Model No.: <u> </u> N/A Serial No.: <u> </u> N/A	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u> </u> >0.3 in. <input type="checkbox"/> Filtered: Model No.: <u> </u> N/A Serial No.: <u> </u> N/A
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 75%	29. Volume Utilization Percentage: 75%
30. Closure Method/Layers of Confinement: Number of Layers: <u> </u> 0 Description:	31. Closure Method/Layers of Confinement: Number of Layers: <u> </u> 0 Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: <u> </u> N/A Calibration Due Date: <u> </u> N/A Filter: Model No.: <u> </u> N/A Serial No.: <u> </u> N/A Torque Value: <u> </u> N/A Lid Ring Bolt Torque Wrench Serial/ID No.: <u> </u> XC0058 Calibration Due Date: <u> </u> 092205 Lid Ring Bolt Torque Value: <u> </u> 60 ft. lbs.

US EPA ARCHIVE DOCUMENT

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	147.0	E
<i>NA</i>				
<i>Dim</i>				
<i>4/9/05</i>				

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 + = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	147.0
Soils (S):	
Total WMP Weight:	147.0

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Section 5: Prohibited Item(s) Summary

44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

Rick Montoya
Print Name

Rick Montoya
Signature

4/19/05
Date

Visual Examination Operator 2:

~~Print Name~~

~~Signature~~

~~Date~~

Visual Examination Expert:

T. Mojica

Tommy Mojica
Print Name

Tommy Mojica
Signature

04/19/05
Date

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID:S817191	11. Waste Container ID:S817191
12. Audio/Videotape Number:LAVE540011VT	13. Audio/Videotape Number:LAVE540011VT
14. Container Type:Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code:S3120	19. Waste Matrix Code:S3120
20. Waste Container Weights: Gross Wt: 169.8kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 169.8kg.
22. Rigid Liner_Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 75%	29. Volume Utilization Percentage: 75%
30. Closure Method/Layers of Confinement: Number of Layers: _____ 0 _____ Description:	31. Closure Method/Layers of Confinement: Number of Layers: _____ 0 _____ Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: _____ N/A Calibration Due Date: _____ N/A Filter: Model No.: _____ N/A Serial No.: _____ N/A Torque Value: _____ N/A Lid Ring Bolt Torque Wrench Serial/ID No.: _____ XC0058 Calibration Due Date: _____ 092205 Lid Ring Bolt Torque Value: _____ 60 ft. lbs.

US EPA ARCHIVE DOCUMENT

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	133.2	E
NA Run 4/19/05				

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 + = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	133.2
Soils (S):	
Total WMP Weight:	133.2

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 5 of 5

Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present? Amount:	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

Rick Montoya
Print Name

Rick Montoya
Signature

4/19/05
Date

Visual Examination Operator 2:

~~Print Name~~

~~Signature~~

~~Date~~

Visual Examination Expert:

T. Mojica

Tommy Mojica
Print Name

Tommy Mojica
Signature

04/19/05
Date

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID:S817190	11. Waste Container ID:S817190
12. Audio/Videotape Number:LAVE540011VT	13. Audio/Videotape Number:LAVE540011VT
14. Container Type:Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code:S3120	19. Waste Matrix Code:S3120
20. Waste Container Weights: Gross Wt: 186.2kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 186.2kg.
22. Rigid Liner_Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil <input checked="" type="checkbox"/> 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 70%	29. Volume Utilization Percentage: 70%
30. Closure Method/Layers of Confinement: Number of Layers: _____ 0 _____ Description:	31. Closure Method/Layers of Confinement: Number of Layers: _____ 0 _____ Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: _____ N/A Calibration Due Date: _____ N/A Filter: Model No.: _____ N/A Serial No.: _____ N/A Torque Value: _____ N/A Lid Ring Bolt Torque Wrench Serial/ID No.: _____ XC0058 Calibration Due Date: _____ 092205 Lid Ring Bolt Torque Value: _____ 60 ft. lbs.

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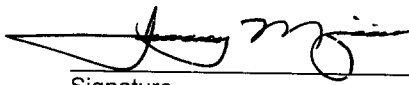
Section 3: Waste Package Data				
37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	149.6	E
<i>N A</i>				
<i>Rm</i>				
<i>4/19/05</i>				

US EPA ARCHIVE DOCUMENT

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	149.6
Soils (S):	
Total WMP Weight:	149.6

Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals		
Visual Examination Operator 1:		
R. Montoya		4/19/05
Print Name	Signature	Date
Visual Examination Operator 2:		
Print Name	Signature	Date
# 7m041905		
Visual Examination Expert:		
T. Mojica		04/19/05
Print Name	Signature	Date

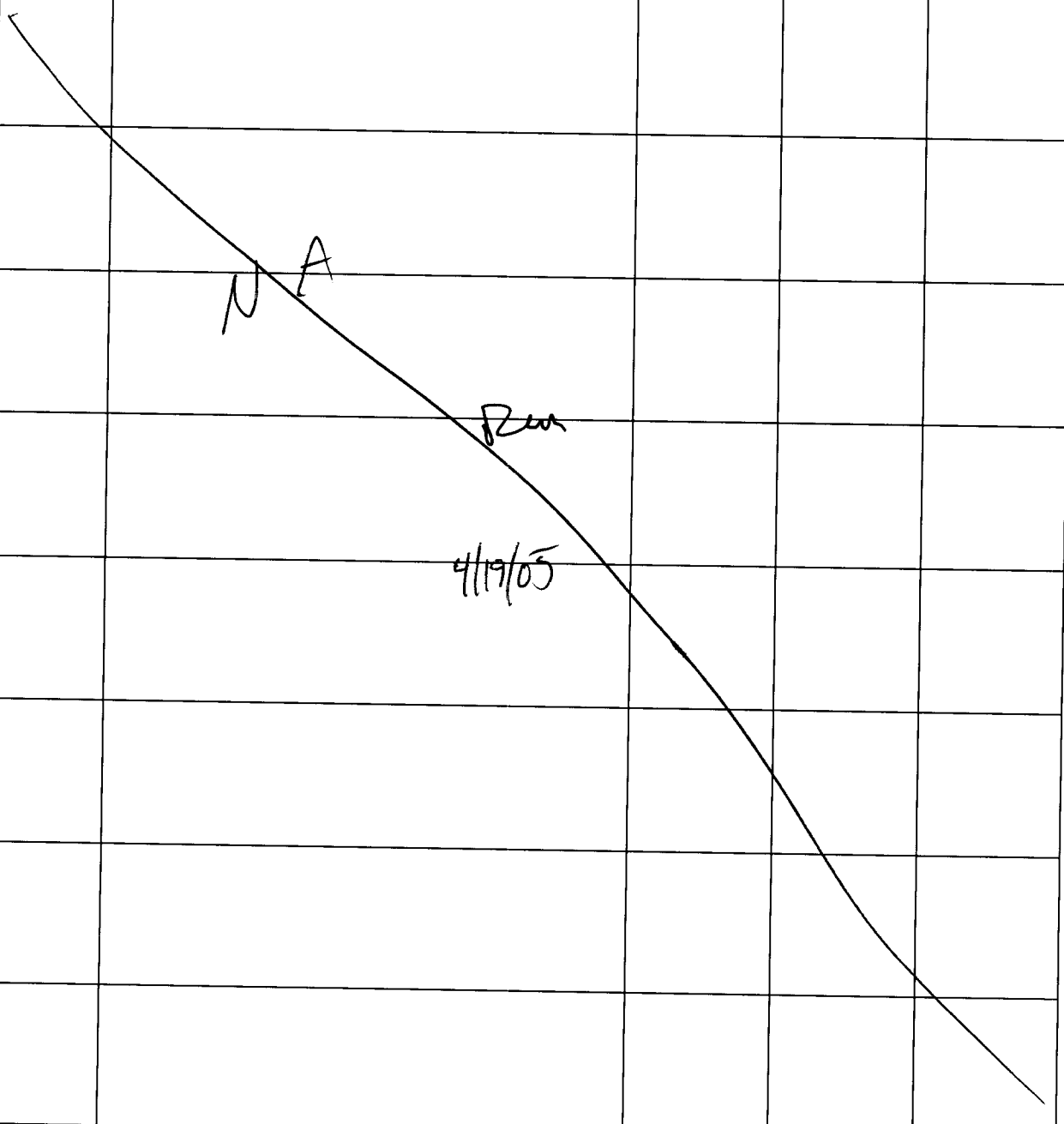
US EPA ARCHIVE DOCUMENT

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID: S817208	11. Waste Container ID: S817208
12. Audio/Videotape Number: LAVE540011VT	13. Audio/Videotape Number: LAVE540011VT
14. Container Type: Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code: S3120	19. Waste Matrix Code: S3120
20. Waste Container Weights: Gross Wt: 184.8kg.	21. Waste Container Weights: Tare Wt: <u>36.6kg.</u> Gross Wt: 184.8kg.
22. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: <u>>0.3 in.</u> <input type="checkbox"/> Filtered: Model No.: <u>N/A</u> Serial No.: <u>N/A</u>
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 60%	29. Volume Utilization Percentage: 60%
30. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:	31. Closure Method/Layers of Confinement: Number of Layers: <u>0</u> Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: <u>N/A</u> Calibration Due Date: <u>N/A</u> Filter: Model No.: <u>N/A</u> Serial No.: <u>N/A</u> Torque Value: <u>N/A</u> Lid Ring Bolt Torque Wrench Serial/ID No.: <u>XC0058</u> Calibration Due Date: <u>092205</u> Lid Ring Bolt Torque Value: <u>60 ft. lbs.</u>

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Attachment 1 - CCP Waste Visual Examination Data Form (continued)

Section 3: Waste Package Data

37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	148.2	E
 N/A RZA 4/19/05				

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Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	148.2
Soils (S):	
Total WMP Weight:	148.2

Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

Rick Montoya
Print Name

Rick Montoya
Signature

4/19/05
Date

Visual Examination Operator 2:

~~_____
Print Name~~

~~_____
Signature~~

~~_____
Date~~

Visual Examination Expert:

T. Mojica

Tommy Mojica
Print Name

Tommy Mojica
Signature

04/19/05
Date

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 2 of 5

Section 2: Waste Container Data	
Input Waste Container	Output Waste Container
10. Waste Container ID: S818504	11. Waste Container ID: S818504
12. Audio/Videotape Number: LAVE540011VT	13. Audio/Videotape Number: LAVE540011VT
14. Container Type: Painted 55 Gal Drum	15. Container Type: Painted 55 Gal Drum
16. TRUCON Code: LA 211	17. TRUCON Code: LA 211
18. Waste Matrix Code: S3120	19. Waste Matrix Code: S3120
20. Waste Container Weights: Gross Wt: 182.6kg.	21. Waste Container Weights: Tare Wt: 36.6kg. Gross Wt: 182.6kg.
22. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES	23. Rigid Liner Present? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES Type of Liner: <input type="checkbox"/> Lead <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Other: _____ Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO <input checked="" type="checkbox"/> YES
24. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A	25. Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO <input checked="" type="checkbox"/> YES X Vented: Hole Size: _____ >0.3 in. <input type="checkbox"/> Filtered: Model No.: _____ N/A Serial No.: _____ N/A
26. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES	27. Bag Liner Present? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO <input type="checkbox"/> YES
28. Volume Utilization Percentage: 80%	29. Volume Utilization Percentage: 80%
30. Closure Method/Layers of Confinement: Number of Layers: _____ 0 Description:	31. Closure Method/Layers of Confinement: Number of Layers: _____ 0 Description:
32. Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO <input checked="" type="checkbox"/> YES	33. Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES
	34. Closure Method for Container Liners: <input checked="" type="checkbox"/> N/A Method:
	35. Protection is adequate for heavy and/or sharp objects? <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
	36. Container Filter and Lid Ring Bolt Torque Data Filter Torque Wrench: Serial/ID No.: _____ N/A Calibration Due Date: _____ N/A Filter: Model No.: _____ N/A Serial No.: _____ N/A Torque Value: _____ N/A Lid Ring Bolt Torque Wrench Serial/ID No.: _____ XC0058 Calibration Due Date: _____ 092205 Lid Ring Bolt Torque Value: _____ 60 ft. lbs.

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Attachment 1 - CCP Waste Visual Examination Data Form (continued)

Section 3: Waste Package Data				
37. Package Number	38. Package/Item/Content Description	39. WMP [Table 3]	40. Weight (kg) [Table 4, ^a]	41. Weighing Code(s)[Table 4**]
1	100% Aqua-set Matrix	(IN)	146.0	E

N/A

4/19/05 Rem

Attachment 1 - CCP Waste Visual Examination Data Form (continued) Page 4 of 5

Section 4: Packaging Material and Waste Material Parameters	
42. Packaging Material:	Estimated Weight (kg)
Steel (ST):	27.7
Plastics (PP):	7.6 + 1.3 + = 8.9
Others:	0
Total Packaging Weight:	36.6
43. 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) (PW):	
Organic Matrix (OR):	
Inorganic Matrix (IN):	146.0
Soils (S):	
Total WMP Weight:	146.0

Section 5: Prohibited Item(s) Summary		
44. Prohibited Item(s) present:	X NO	YES
IF "YES" above, OR for the VE Technique process, THEN answer all questions below. All questions answered "YES" will be explained in the Comments block of Section 1.		
a. Are there liquid wastes (i.e., free liquids) present?	NO	YES
b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container?	NO	YES
c. Is there residual liquid > 1 percent of the container volume?	NO	YES
d. Are there compressed gases present?	NO	YES
e. Are there explosives present?	NO	YES
f. Are there potentially pressurized containers in the waste?	NO	YES
g. Are there sealed containers > 4 liters in the waste?	NO	YES
h. Are there ignitables (D001) present?	NO	YES
i. Are there corrosives (D002) present?	NO	YES
j. Are there reactive (D003) wastes present?	NO	YES
k. Are there pyrophorics present?	NO	YES
l. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization?	NO	YES
m. Are there non-mixed hazardous wastes present?	NO	YES
n. Are there 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
o. Are there heat-sealed bags (unvented) > 4 liters in the waste?	NO	YES

Section 6: Approvals

Visual Examination Operator 1:

R. Montoya

Ricardo Montoya
Print Name

Ricardo Montoya
Signature

4/19/05
Date

Visual Examination Operator 2:

[Signature]
Print Name

[Signature]
Signature

4/19/05
Date

Visual Examination Expert:

T. Mojica

Tommy Mojica
Print Name

[Signature]
Signature

04/19/05
Date

US EPA ARCHIVE DOCUMENT

Attachment 2 - CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: LAVE540011

Page 1 of 2

Description			
1. Data generation and reduction were conducted in a technically correct manner in accordance with the methods used?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
2. Was the correct revision of operating procedure used?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
3. Are the waste material parameters (WMPs) entered correctly?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
4. Verify the hand calculations on the VE Data Form for the following: a. WMP weight totals (Section 3, Attachment 1) b. Weight totals (Section 4, Attachment 1) c. Summed volume of liquids, as necessary d. Revised gross weight (when calculated after removal of items from the container)	<input type="checkbox"/> NO <input type="checkbox"/> NO <input type="checkbox"/> NO <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A <input type="checkbox"/> N/A
5. Is the data reported in the correct units and correct number of significant figures?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
6. Were all the transcription errors corrected?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
7. Does the Testing Batch Report include VE for up to 20 containers?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
8. BDR contents are complete and match the CCP Waste VE Batch Data Report Table Of Contents?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
9. Is all the data signed and dated in reproducible ink and by the individual(s) generating it?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
10. Is all data recorded clearly, legibly, and accurately?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
11. All changes to original data lined out, initialed and dated by the individual making the changes?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
12. Was justification made for changing the original data?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
13. Were data changes made by the individual who originally collected the data?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
14. Does the waste in the Output Container match the Waste Matrix Code and Waste Stream Description?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
15. Are the VEE's decisions regarding the VE documented?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
16. Is there an adequate written description of the contents of each item?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A

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Attachment 2 - CCP Waste VE Independent Technical Reviewer Checklist (continued)

Batch Data Report No.: LAVE540011

Page 2 of 2

Description			
17. Were the scale(s) in calibration prior to the VE and documented correctly?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <i>4/20/05</i>	<input checked="" type="checkbox"/> N/A
18. Were the scale checks SAT prior to each VE and documented correctly?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <i>4/20/05</i>	<input checked="" type="checkbox"/> N/A
19. Was the audio/videotape properly prepared and labeled for each waste container?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A
20. Was the audio/video check performed satisfactorily prior to the VE?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> N/A

Comments:

N/A

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

Independent Technical Reviewer:

Gerald Espinoza
Printed Name

Gerald Espinoza
Signature

4-20-05
Date

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045-64
4/22/05
RS

Attachment 3 - CCP-Waste VE Technical Supervisor Review Checklist

Batch Data Report No.: LAVE540011

1. Has all the data received an independent technical review as evidenced by the appropriate ITR signature?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
2. Data is technically reasonable based upon the techniques used?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
3. BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES

Comments:

See attached NCR, for NCR/5817174, NCR-LANL-0902-05

*N
A 04/2005*

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

VE Technical Supervisor:

Tommy Majica
Printed Name

[Signature]
Signature

042005
Date

US EPA ARCHIVE DOCUMENT

Attachment 4 - CCP Waste VE Facility Quality Assurance Officer Review Checklist

Batch Data Report No.: LAVE540011

Description			
1.	Has all the data received an independent technical review as evidenced by the appropriate ITR signature?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
2.	Has all the data received a Technical Supervisor Review as evidenced by the appropriate TS signature?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
3.	BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
4.	Were the scale(s) in calibration prior to the VE and documented correctly?	<input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A
5.	Were the scale checks SAT prior to each VE and documented correctly?	<input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A
6.	Was the audio/videotape properly prepared and labeled for each waste container?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
7.	Was the audio/video check performed satisfactorily prior to the VE?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
8.	Were NCRs initiated as required and dispositioned appropriately?	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A

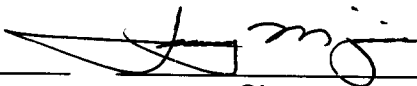
Comments:

See attached NCR, for NCR/SB17174, NCR-LANL-0902-05.

*N
A 2m 04/005*


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

Facility Quality Assurance Officer:

Tommy Morica  04/2005
Printed Name Signature Date

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CCP Nonconformance Report (NCR)

NCR No. <u>NCR - LANL - 0902 - 05</u> Revision <u>0</u>		
1. Lot No./Heat No. or Serial No.: <u>N/A</u>	2. Process (NDA, HSG, NDE, VE, Other): <u>VE</u>	3. Batch Data Report # (s): <u>LAVE540011</u>
4. Order/Work Order/Job Control Number (as applicable): <u>N/A</u>	5. PO #: <u>N/A</u> Supplier: <u>N/A</u>	DRUM #(s): <u>S817174</u>
6. E-QA NCR #: <u>N/A</u>		
DESCRIPTION OF NONCONFORMANCE		
7. (a) Hold Tag Applied? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If NO, explain) Segregation Method (s): <input type="checkbox"/> NA		
<input type="checkbox"/> < 100 n Ci/g <input type="checkbox"/> Exceeds Site Limit <input checked="" type="checkbox"/> Prohibited Item <input type="checkbox"/> >500 ppmv Flamm. Vocs <input type="checkbox"/> E-Flag <input type="checkbox"/> TRAMPAC Criteria <input type="checkbox"/> M&TE <input type="checkbox"/> Receiving Inspection <input type="checkbox"/> Other		
(b) Description of Nonconformance Required Condition (Implementing Procedure, Section & Revision)		
Residual liquid >1% of the container volume. CCP-TP-113 R.3 Table 1		
(c). Actual Condition		
<i>Found >1% residual liquid per ²⁰⁰⁴⁰⁹⁰⁵ volume container volume.</i>		
8. Originator (Print name, sign and date) <u>T. Mojica</u>  <u>040905</u>	9. SPQAO/FQAO Validation (Print name, sign and date) <u>Lincoln Titula Jurdahl</u> <u>4/20/2005</u>	
10. Significant Condition? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA	11. Recurring Condition? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If YES, List NCRs)	
12. Trend Code: <u>K</u>	13. Responsible Manager: <u>Wes Root</u>	

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CCP Nonconformance Report (NCR)

NCR No. <u>NCR - LANL - 0902 - 05</u> Revision <u>0</u>	
INTERIM DISPOSITION	
14. Interim Disposition (Check One)	
<input checked="" type="checkbox"/> N/A (See final Disposition) <input type="checkbox"/> Hold <input type="checkbox"/> Conditional Accept <input type="checkbox"/> Conditional <input type="checkbox"/> Use <input type="checkbox"/> Sort <input type="checkbox"/> Reinspect/Retest <input type="checkbox"/> Remediate	
(a) Instructions for Completion of the Interim Disposition:	
INTERIM DISPOSITION APPROVALS	
15. Responsible Manager/Individual(Print, sign and date.)	16. SPQAO/FQAO (Print, sign and date.)
<div style="border: 1px solid black; width: 100%; height: 20px;"></div>	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Additional Approvals: (Print, sign and date.)	Additional Approvals: (Print, sign and date.)
<div style="border: 1px solid black; width: 100%; height: 20px;"></div>	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
COMPLETION OF INTERIM DISPOSITION	
17. Interim Disposition Complete Responsible Manager/Individual: (Print, sign and date.)	
<div style="border: 1px solid black; width: 100%; height: 20px;"></div>	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.)	
<div style="border: 1px solid black; width: 100%; height: 20px;"></div>	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>

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CCP Nonconformance Report (NCR)

NCR No. <u>NCR - 000000 - 0902 - 05</u> Revision <u>0</u>	
FINAL DISPOSITION	
19. Final Disposition (Check One) <input type="checkbox"/> Use-As Is <input checked="" type="checkbox"/> Reject <input type="checkbox"/> Repair <input type="checkbox"/> Rework <input type="checkbox"/> Scrap	
(A) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.) <div style="border: 1px solid black; padding: 5px; min-height: 30px;">N/A</div>	
(B) Disposition (Required for "Reject" and "Scrap") <div style="border: 1px solid black; padding: 5px; min-height: 30px;">Reject return to Host Site for remediation. 2m 040905</div>	
(C) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework") <div style="border: 1px solid black; padding: 5px; min-height: 80px; text-align: center;"> A N A 2m 040905 </div>	
(D) Corrective Actions (Actions to Prevent Recurrence) - as required. <div style="border: 1px solid black; padding: 5px; min-height: 80px; text-align: center;"> N A 2m 040905 </div>	
FINAL DISPOSITION APPROVALS	
20. Responsible Manager/Individual (Print, sign and date.) <div style="border: 1px solid black; padding: 2px;">F. Wesley Root <i>F. Wesley Root</i> 4-20-05</div>	21. SPQAO/FQAO (Print, sign and date.) <div style="border: 1px solid black; padding: 2px;">PETER LINDBAHL <i>Peter Lindahl</i> 10/20/2005</div>
Additional Approvals: (Print, sign and date.) <div style="border: 1px solid black; padding: 2px; min-height: 20px;"> </div>	Additional Approvals: (Print, sign and date.) <div style="border: 1px solid black; padding: 2px; min-height: 20px;"> </div>
CLOSURE	
22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.) <div style="border: 1px solid black; padding: 2px; min-height: 20px;"> </div>	
23. Final Disposition Verified SPQAO/FQAO (Print, sign and date.) <div style="border: 1px solid black; padding: 2px; min-height: 20px;"> </div>	

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