Attachment 5 - CCP Site Project Manager Data Validation Summary

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

BATCH DATA REPORT NUMBER: LAVE 54 00 11 DATE: 4 09 05 Criteria Met? **Comments/Qualifiers Description of Criteria Reviewed** Y/N/NA 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** 5817165, 5817172, 5817176, 5817178, 5817179, 5817191 5817190, 5817208, 5818524 3. QAOs have been met. Reference Source: WAP B3-10b(2) **Verification Source: QC Data Sheets** 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** NCR-LANL-0902-05 R.G Rejected 5817174 71% Liquids 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** 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, VE BDR 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 9. HSG - All data are reported with the VE BDR appropriate flags. Reference Source: WAP B3-10b(2) **Verification Source: Data Sheet**



Effective Date: 03/23/2005

Page 40 of 103

Effective Date: 03/23/2005 Page 41 of 103

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

BATCH DATA REPORT NUMBER: LAVES40011 DATE: 4/9/05

| BA | TCH DATA REPORT NUMBER: <u>レナツ</u> (| <u>E59001</u> | | | DATE: | | |
|-----|--|---------------|----------------------------|---|--|--|---------------------|
| | Description of Criteria Reviewed | | Criteria Met? Y/N/NA | | and the second s | | 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 | | | 7 | VE BDQ | | |
| 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 | | | 7 | 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 | | | 7 | Container numbers: | | |
| 13. | VE data is complete and properly reported. Reference Sources: WAP B1-3b(3) and B3-10b(2) Verification Source: BDR | 7 | | | Rep: IO: | | |
| 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 | | |
| | 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 | | | 7 | 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 | | |

Effective Date: 03/23/2005 Page 42 of 103

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

BATCH DATA REPORT NUMBER: LAUES40011 DATE: 4 9 05

| | | Description of Criteria Reviewed | М | teri et? | | | Comments/Qualifiers |
|---|-----------------------|--|---|-------------|---|----|---------------------|
| | t s c i i | OSR for LANL Sealed Sources, does the waste meet the definition of sealed sources per 10 CFR 30.4 and 10 CFR 335.2 (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 | BDC |
| | t o r | 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 | | | Ž | ٧Ē | BDR |
| | i i | 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 | | | V | VE | BDR |
| | | 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 | | | 2 | VE | BOR |
| 1 | | 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 | | | Ý | VE | BDR |

Page 43 of 103

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

| E | ATCH DATA REPORT NUMBER: | WE | 540 | 0011 | DATE: | 4/9/05 | | | | |
|---|---|----|------------------------|-------|-------------|--------------|--|--|--|--|
| | Description of Criteria Reviewed | N | iteria let? N/NA | | Comments/Qu | alifiers | | | | |
| 2 | 2. 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 | | | 汇 | BOR | | | | | |
| 2 | 3. 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 | | | | | |
| r | 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. | | | | | | | | | |
| | SMPeterman SW Site Project Manager | Re | <u>Sign</u> | ature |) <u>(</u> | 5305 Pate | | | | |

Effective Date: 03/23/2005 Page 25 of 103

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

| _ | LAVES4 | 0011 | | | DATE:4/9/05 |
|-----|---|------|--------------|---|-----------------------------------|
| | Description of Criteria Reviewed | | Crite Met | ? | 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 | | | Х | 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 | Х | | | 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 | Х | | | |
| 6. | Verification Source: Video Tape Batch number? Reference Source: WAP Table B3-11 Verification Source: Data Sheets | Х | | | |
| | Listing of all container numbers in the batch? Reference Source: WAP Table B3-11 Verification Source: Cover Sheet and/or Batch Data Report | Х | | | 10 containers |
| | Batch data report date? Reference Source: WAP Table B3-11 Verification Source: Cover Sheet | Х | | | 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 | Х | | | |

Page 26 of 103

Effective Date: 03/23/2005

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

| LAVES | <u>400 I</u> | <u> </u> | | | DATE: | 4/9/05 | |
|---|----------------------------|----------|--------------|------------------|----------------------------------|------------------------------------|--|
| Description of Criteria Reviewed | Criteria Met? Y/N/NA | | | | Comme | nts/Qualifiers | |
| 11. Is there a reference to or copy of associated NCRs? Reference Source: WAP Table B3-11 | X | | | NCR-L/ S81717 | ANL-0902-05, ⁄4 residual liqu | Rev. 0 (open) reject drum id > 1%. | |
| Verification Source: Batch Narrative 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 | Х | | | | | | |
| 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 | х | | | | | | |
| 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 | Х | | | | | | |
| 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 | | | | | | |
| Reference Source: WAP Table B3-11 Verification Source: Data Sheets | Х | | | | | | |
| 22. Number of layers of confinement? Reference Source: WAP Table B3-11 Verification Source: Data Sheets | X | | | | | | |

CCP-TP-001, Rev. 11 CCP Project Level Data Validation and Verification

Effective Date: 03/23/2005 Page 27 of 103

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

| | | | | DATE: 4/9/05 |
|---|---|---|----------------------------|---|
| | Criteria Reviewed | | Criteria Met? //N/NA | Comments/Qualifiers |
| Verification Sour | e: WAP Table B3-11 ce: Data Sheets | X | | |
| 24. Verification that the matches the waste Reference Source Verification Source | e stream description? e: WAP Table B3-11 | X | | |
| Verification Source | e Matrix Code? e: WAP Table B3-11 ce: Data Sheets | X | | |
| Verification Source | e: WAP Table B3-11 ee: Data Sheets | X | | |
| Verification Source | : WAP Table B3-11 e: Data Sheets | Х | | Drum S817174 contain >1% residual liquid. |
| 28. Are prohibited item Reference Source Verification Source and/or Batch Data | : WAP Table B3-11 e: Data Sheets | X | | |
| Verification Source | : WAP Table B3-11 e: Data Sheets | х | | |
| 30. Weights/estimated waste material para Reference Source Verification Source | meters in Kg? : WAP Table B3-11 | X | | |
| Verification Source | : WAP Table B3-11 e: Data Sheets | Х | | |
| 32. Container gross we Reference Source: Verification Source | WAP Table B3-11 | Х | | |

CCP-TP-001, Rev. 11 CCP Project Level Data Validation and Verification

on Page 28 of 103

Effective Date: 03/23/2005

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

| _ | | L340011 | | | DATE: | <u>4/9/05</u> |
|--------|--|---------|-----------------------|----|--------------------|---------------|
| | Description of Criteria Reviewed | | Crite Met Y/N/I | t? | Comments | d/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 | | | | |
| | 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 | |
| | 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 | | | Х | Not sealed sources | |
| | 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 | | | Х | Not sealed sources | |
| ; ; | 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 | |

CCP-TP-001, Rev. 11 CCP Project Level Data Validation and Verification

Effective Date: 03/23/2005 Page 29 of 103

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

| BATCH DATA REPORT NUMBER: LAV | EXAMINATION DATE: 4/9/05 | | | | | | | | |
|--|--------------------------|-----------------|----------|---------------------|--|--|--|--|--|
| Description of Criteria Reviewed | C | rite Met | ria ? | Comments/Qualifiers | | | | | |
| 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 | | | х | 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 | | | х | Not sealed sources | | | | | |
| 41. Is Attachment 6 included? | I | I | Х | | | | | | |
| The container QC checks were properly performed and meet the Quality Assurance Objectives (QAOs). Proper procedures were followed during data reduction and analysis. The batch is complete, acceptable, and includes all supporting data and documentation required by the QAPjP. | | | | | | | | | |
| Irene Quintana Site Project QA Officer | <u> </u> | <u>S</u> gna | nture | 4/25/05 Date | | | | | |

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$817165 | VE Batch Number: LAVE540011 | VE Video ID Number: | | VE Da | ate: |
|---|---|-----------------------------|----------------|--|--------------|
| | Radiography Batch Number:LA-RTR2-04- 0004 | Radiography Number:LA-RT | Video ID | | graphy |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD |
| Iron Based Metals/Alloys | | | (1.0) | | |
| Aluminum Based Metals/Alloys | | | | <u> </u> | |
| Other Metals | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | |
| Cellulosics | | | | | |
| Rubber | | | | | |
| Plastic | | | | <u> </u> | |
| Organic Matrix | | | | | |
| Inorganic Matrix | | 132.9 | 131.4 | | 14 |
| Soils/Gravel | | | 101.4 | | 14 |
| Steel Packaging Materials | | 27.70 | 27.70 | 0 | 00 |
| Plastic Packaging Materials | | 7.40 | 8 90 | | .40 |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | code | Yes□ | .40 No⊠ |
| Were prohibited items identified during \ | /E that radiography did not | identify? | | Yes□ | No⊠ |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes 🗌 | No⊠ |

The RPD is calculated as follows:

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

Completed By:

| Irene Quintana | 4/25/05

SPSADI

Date

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$817172 | VE Batch Number: LAVE540011 | VE Video ID Number: | | VE Date: | | |
|---|---|-----------------------------|----------------|--|--------|--|
| | Radiography Batch Number:LA-RTR2-04- 0004 | Radiography Number:LA-RT | Video ID | + | graphy | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD | |
| Iron Based Metals/Alloys | | | (1.0) | | | |
| Aluminum Based Metals/Alloys | | | | | | |
| Other Metals | | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | | |
| Cellulosics | | | | | | |
| Rubber | | | | | | |
| Plastic | | | | | | |
| Organic Matrix | | | | | | |
| Inorganic Matrix | | 135.40 | 133.90 | 1 | 11 | |
| Soils/Gravel | | | 100.00 | 1, | 11 | |
| Steel Packaging Materials | | 27.70 | 27.70 | 0. | 00 | |
| Plastic Packaging Materials | | 7.40 | 8.90 | | .40 | |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | code | Yes _ | No⊠ | |
| Were prohibited items identified during \ | /E that radiography did not | identify? | | Yes□ | No⊠ | |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes 🗌 | No⊠ | |

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

SE940- L

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: S817174 | VE Batch Number: | VE Video ID Number: | | VE Date: |
|---|---|-----------------------------|-----------------------------|-----------|
| | Radiography Batch Number:LA-RTR2-04- 0004 | Radiography Number:LA-RT | Radiography Date:4/21/04 | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | RPD |
| Iron Based Metals/Alloys | | | (11) | |
| Aluminum Based Metals/Alloys | | | | |
| Other Metals | | | | |
| Other Inorganic Materials (sorbe | nts) | | | |
| Cellulosics | | | | |
| Rubber | | | | |
| Plastic | | | | |
| Organic Matrix | | | | |
| Inorganic Matrix | | 168.4 | N/A | 200.00 |
| Soils/Gravel | | | | 200.00 |
| Steel Packaging Materials | | 27.70 | 27.7 | 0.00 |
| Plastic Packaging Materials | | 7.40 | 8.90 | 18.40 |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | code | Yes□ No⊠ |
| Were prohibited items identified during | /E that radiography did not | identify? | | Yes⊠ No□ |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes ☐ No⊠ |

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

Print Name

4/25/05

Date

SPOAOL

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$817176 | VE Batch Number: | VE Video ID Number: LAVE540011VT | | VE Da | ate: 9/05 |
|---|---|-------------------------------------|----------------|--|--------------|
| | Radiography Batch Number:LA-RTR2-04- 0004 | Radiography Number:LA-RT | Radio | Radiography Date:4/21/04 | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD |
| Iron Based Metals/Alloys | | | | <u> </u> | |
| Aluminum Based Metals/Alloys | | | | | |
| Other Metals | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | |
| Cellulosics | | | | | |
| Rubber | | | | | |
| Plastic | | | | | |
| Organic Matrix | | | | | |
| Inorganic Matrix | | 153.40 | 151.90 | | 98 |
| Soils/Gravel | | | | | |
| Steel Packaging Materials | | 27.70 | 27.7 | 0 | 00 |
| Plastic Packaging Materials | | 7.40 | 8.90 | 18.40 | |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | ode | Yes□ | No⊠ |
| Were prohibited items identified during \ | /E that radiography did not | identify? | | Yes□ | No⊠ |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP as | nd WAC after rad | iography | Yes 🗌 | No⊠ |

The RPD is calculated as follows:

| $C_1 - C_2$ | |
|---------------|-------|
| <i>RPD</i> = | X 100 |
| $(C_1 + C_2)$ | |
| 2 | |

Completed By:

Signature Sulca

Irene Quintana
Print Name

4/25/05 Date

5940-Y

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$817178 | VE Batch Number: LAVE540011 | VE Video ID | | VE Da | nte: 9/05 |
|---|---|-----------------------------|----------------|-----------------------------|--------------|
| | Radiography Batch Number:LA-RTR2-04- 0004 | Radiography Number:LA-RT | Radio | Radiography Date:4/21/04 | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD |
| Iron Based Metals/Alloys | | | | | |
| Aluminum Based Metals/Alloys | | | | | |
| Other Metals | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | |
| Cellulosics | | | | | |
| Rubber | | | | | |
| Plastic | | | | | |
| Organic Matrix | | | | | |
| Inorganic Matrix | | 153.90 | 152.40 | | 98 |
| Soils/Gravel | | | | | |
| Steel Packaging Materials | | 27.70 | 27.7 | - | 00 |
| Plastic Packaging Materials | | 7.40 | 8.90 | 18.40 | |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | | Yes□ | No⊠ |
| Were prohibited items identified during \ | /E that radiography did not | identify? | | Yes□ | No⊠ |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes [| No⊠ |

The RPD is calculated as follows:

| $C_1 - C_2$ | |
|-------------------------|-------|
| RPD = | X 100 |
| $\underline{(C_1+C_2)}$ | |
| 2 | |

Signature | Irene Quintana | 4/25/05 | Date

59HO5-

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$817179 | VE Batch Number: | VE Video ID Number: | | VE Da | nte: 9/05 |
|---|---|-----------------------------|----------------|-----------------------------|--------------|
| | Radiography Batch Number:LA-RTR2-04- 0006 | Radiography Number:LA-RT | Radio | Radiography Date:5/13/04 | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD |
| Iron Based Metals/Alloys | | | | | |
| Aluminum Based Metals/Alloys | | | | | |
| Other Metals | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | |
| Cellulosics | | | | | |
| Rubber | | | | <u> </u> | |
| Plastic | | | | | |
| Organic Matrix | | | | | |
| Inorganic Matrix | | 148.50 | 147.00 | 1 | 02 |
| Soils/Gravel | | | | | - |
| Steel Packaging Materials | | 27.70 | 27.7 | 0. | 00 |
| Plastic Packaging Materials | | 7.40 | 8.90 | 18.40 | |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | code | Yes□ | No⊠ |
| Were prohibited items identified during | /E that radiography did not | identify? | | Yes□ | No⊠ |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP a | nd WAC after rad | iography | Yes 🗌 | No⊠ |

The RPD is calculated as follows:

| $C_1 - C_2$ | |
|---------------|---------|
| RPD = | - X 100 |
| $(C_1 + C_2)$ | |
| 2 | _ |

Completed By:

Signature Signature

Irene Quintana
Print Name

<u>4/25/05</u> Date

Sigho b

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: 8817191 | VE Batch Number: | VE Video ID | | 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 PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD |
| Iron Based Metals/Alloys | | | (1.0) | | |
| Aluminum Based Metals/Alloys | | | | | |
| Other Metals | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | |
| Cellulosics | | | | | |
| Rubber | | | · · · · · · · · · · · · · · · · · · · | | |
| Plastic | | | | | |
| Organic Matrix | | | | | - |
| Inorganic Matrix | | 134.70 | 133.20 | 1 | 12 |
| Soils/Gravel | | | 100.20 | <u> </u> | 12 |
| Steel Packaging Materials | | 27.70 | 27.70 | 0 | 00 |
| Plastic Packaging Materials | | 7.40 | 8.90 | | .40 |
| Is the waste matrix code determined by determined by VE? | radiography different than t | he waste matrix o | code | Yes□ | No⊠ |
| Were prohibited items identified during \ | /E that radiography did not | identify? | | Yes□ | No⊠ |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes 🗌 | No⊠ |

The RPD is calculated as follows:

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

Completed By:

| Irene Quintana | 4/25/05 |
| Print Name | Date

by listor

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$817190 | VE Batch Number: LAVE540011 | VE Video ID | | VE Date: 4/9/05 | | |
|---|---|-----------------------------|----------------|-----------------------------|-----|--|
| | Radiography Batch Number:LA-RTR2-04- 0007 | Radiography Number:LA-RT | | Radiography Date:5/18/04 | | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD | |
| Iron Based Metals/Alloys | | | | | | |
| Aluminum Based Metals/Alloys | | | | | | |
| Other Metals | | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | | |
| Cellulosics | | | <u> </u> | | | |
| Rubber | | | | | | |
| Plastic | | | | | | |
| Organic Matrix | | | | | | |
| Inorganic Matrix | | 151.10 | 149.60 | 1 | 00 | |
| 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 determined by VE? | radiography different than t | he waste matrix o | code | Yes□ | No⊠ | |
| Were prohibited items identified during \ | /E that radiography did not | identify? | | Yes□ | No⊠ | |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes [| No⊠ | |

The RPD is calculated as follows:

| | $C_1 - C_2$ | | |
|----------|-------------|------|----|
| RPD = | | - x1 | 00 |
| <u>(</u> | (C_1+C_2) | _ | |
| | 2 | _ | |

Completed By:

ture)

Irene Quintana
Print Name

<u>4/25/05</u> Date

SQA08

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: 8817208 | VE Batch Number: LAVE540011 | VE Video ID | | VE Da | ate: 9/05 | |
|---|---|---|----------------|--------------|-----------------------------|--|
| | Radiography Batch Number:LA-RTR2-04- 0006 | Radiography Video ID Number:LA-RTR2-04-0006A | | Radio | Radiography Date:5/13/04 | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD | |
| Iron Based Metals/Alloys | | | | | | |
| Aluminum Based Metals/Alloys | | | | | | |
| Other Metals | | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | | |
| Cellulosics | | | | | | |
| Rubber | | | | | | |
| Plastic | | | | <u> </u> | | |
| Organic Matrix | | | | | | |
| Inorganic Matrix | | 149.70 | 148.20 | 1 | 01 | |
| 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 determined by VE? | radiography different than t | he waste matrix o | code | Yes□ | No⊠ | |
| Were prohibited items identified during | /E that radiography did not | identify? | | Yes□ | No⊠ | |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP at | nd WAC after rad | iography | Yes [| No⊠ | |

The RPD is calculated as follows:

| | $C_1 - C_2$ | |
|----------|---------------|---------|
| RPD = | | - X 100 |
| <u>(</u> | $(C_1 + C_2)$ | _ |
| | 2 | |

Completed By:

Signature Signature

Irene Quintana
Print Name

4/25/05 Date

St940-9

Page 1 of 1

CCP Radiography/Visual Examination Comparison Report

| Drum Container Identification: \$818504 | VE Batch Number: LAVE540011 | VE Video ID | | VE Da | nte: 9/05 | |
|---|---|---|----------------|--------------|-----------------------------|--|
| | Radiography Batch Number:LA-RTR2-04- 0006 | Radiography Video ID Number:LA-RTR2-04-0006A | | | Radiography Date:5/13/04 | |
| WASTE MATERIAL PA | RAMETER | Radiography (KG) | VISUAL (KG) | R | PD | |
| Iron Based Metals/Alloys | | | | | | |
| Aluminum Based Metals/Alloys | | | | | | |
| Other Metals | | | | | | |
| Other Inorganic Materials (sorbe | nts) | | | | | |
| Cellulosics | | | | | | |
| Rubber | | | | | | |
| Plastic | | | | | | |
| Organic Matrix | | | | | _ | |
| Inorganic Matrix | | 147.50 | 146.00 | 1 | 02 | |
| 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 determined by VE? | radiography different than t | he waste matrix o | | Yes□ | No⊠ | |
| Were prohibited items identified during | VE that radiography did not | identify? | | Yes□ | No⊠ | |
| Did VE determine that the container did had determined that the container was a | not meet the WIPP WAP a | nd WAC after rad | iography | Yes [| No⊠ | |

The RPD is calculated as follows:

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

599110-10

Effective Date: 01/25/2005 Page 48 of 48

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 | A |
| 15 | RM |
| 16 | |
| 17 | 4/19/05 |
| 18 | 11.100 |
| 19 | |
| 20 | |

| Independent Technical Review | er: | |
|-----------------------------------|----------------|----------------------------|
| Gerald Espinoza Print Name | Gesall Espirer | <u>4 - 70 - 05</u> Date |
| Technical Supervisor: | | |
| Print Name | Signature | 04Z005 |
| Facility Quality Assurance Office | er: | |
| Tommy Morica Print Name | Signature | 042005 Date |

ORIGINAL

100 4122 10T PS

CCP-TP-113, Rev. 3 CCP Standard Waste Visual Examination

| Effective Da | ıte: | 01/25/2005 |
|--------------|------|--------------|
| | Pa | ige 47 of 48 |

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 | 40. | | |
| 6 | CCP Waste VE Facility Quality Assurance Officer Review Checklist | 47 | | |
| 7 | Copy of NCRs (N/A, If Not Applicable) | 48 | | |

Effective Date: 01/25/2005 Page 38 of 48

Attachment 1 - CCP-Waste Visual Examination Data Form

Page 1 of 5

| X | VE as QC Check VE in Lie | eu 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. <u>3</u> | |
| 5. | Camera/Audio/Videotape Check: | X SAT | 1.64 | <u>-</u> |
| 6. | VE Scale Information: | Serial/ID Number: Calibration Due Date: Calibration Check: | N/A N/A N/A | |
| 7. | Test Weight Information: Test Weight Total: N/A | Serial/ID Number: Calibration Due Date: | N/A | |
| | Tray Weight: N/A | Serial/ID Number: Calibration Due Date: | N/A N/A | |
| | | Serial/ID Number: Calibration Due Date: | N/A N/A | |
| 8. | Container Scale Information | Serial/ID Number: Calibration Due Date: | N/A N/A | |
| 9. | NCRs associated with the Container? (e.g., Prohibited Items) | NO X YES | -0907-05 Date: 040905 | |

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.

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

Page 2 of 5

| Inpu | ut Waste Container N/A | Out | put 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: | 21. | Waste Container Weights: |
| | | | Tare Wt: 36.6kg. |
| | Gross Wt: 168.0kg. | | Gross Wt: 168.0kg. |
| 22. | Rigid Liner_Present? □ NO X YES | 23. | Rigid Liner Present? NO X YES |
| | Type of Liner: ☐ Lead X Plastic | | Type of Liner: ☐ Lead X Plastic |
| | □ Other: | | □ Other: |
| | Thickness: 30-mil 90-mil 110-mil X 125-mil | | Thickness: 30-mil 90-mil 110-mil X 125-mil |
| <u> </u> | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? |
| | X Vented: Hole Size: >0.3 in. | | NO X YES X Vented: Hole Size: >0.3 in. |
| | ☐ Filtered: Model No.: N/A | | □ Filtered: Model No.: N/A |
| | Serial No.: N/A | | Serial No.: N/A |
| 26. | Bag Liner Present? X NO YES Thickness of Liner: | 27. | Bag Liner Present? X NO YES Thickness of Liner: |
| | If yes, is the thickness in the range of a | | If yes, is the thickness in the range of a |
| 28. | nominal 5 to a nominal 15 mil? NO YES Volume Utilization Percentage: 60% | 100 | nominal 5 to a nominal 15 mil? NO YES |
| 30. | Closure Method/Layers of Confinement: | 29. 31. | Volume Utilization Percentage: 60% Closure Method/Layers of Confinement: |
| | Number of Layers:0 | | Number of Layers:0 |
| 22 | Description: | <u> </u> | Description: |
| 32. | Input Waste Container waste is consistent with the assigned Waste Stream and Waste | 33. | Output Waste Container waste is consistent with the assigned Waste Street and Wester |
| | Matrix Code? | | with the assigned Waste Stream and Waste Matrix Code? |
| | NO X YES | | □ NO X YES |
| | | 34. | Closure Method for Container Liners: |
| | | 35. | X N/A Method: Protection is adequate for heavy and/or sharp |
| | | | objects? |
| | | - | □ NO X YES □ 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.: <u>N/A</u> Torque Value: <u>N/A</u> |
| | | | Lid Ring Bolt Torque Wrench Serial/ID No.: XC0058 |
| | | | Calibration Due Date: 092205 Lid Ring Bolt Torque Value: 60 ft. lbs. |

Effective Date: 01/25/2005 Page 40 of 48

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

Page 3 of 5

| 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 | | | |
| | Pm | | | |
| | 4/19/05 | | | |
| | | | | . |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

Page 4 of 5

| 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): | Louinated Weight (kg) |
| 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): | ,01.4 |
| Total WMP Weight: | 131.4 |

Effective Date: 01/25/2005 Page 42 of 48

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. | | |
| Are the are like it and the explained in the Comments block of Section 1. | | |
| Are there liquid wastes (i.e., free liquids) present? ount: | NO | YES |
| | | |
| - 10 110 10 100 100 100 100 100 100 100 | 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 |
| Are there reactive (D003) wastes present? | NO | YES |
| k. Are there pyrophorics present? | NO | YES |
| I. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized | NO | YES |
| under an EPA PCB waste disposal authorization? | | 120 |
| m. Are there non-mixed hazardous wastes present? | NO | YES |
| n. Are there incompatible wastes present (i.e., waste does NOT match | | |
| RUCON Code)? | | |
| (Wastes that are incompatible with backfill, seal and panel closure materials, | NO | YES |
| container and packaging materials, shipping container materials, and/or other wastes.) | | |
| | | |
| o. Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES |
| Section 6: Approvals | | |
| Visual Examination Operator 1: | | |
| R. Montoya | | |
| Risk Montano | 4 | 19/15 |
| Print Name () Signature | | - 1/00 |
| √isual Examination Operator 2: | Dat | |
| A 2m 041905 | | |
| Print Name Signature | | |
| /isual Examination Expert: | Dat | <u>e</u> |
| 「Mailes ———— '/ | | |
| Tommy Mosica | 041 | 1905 |
| Print Name Signature | Dat | |
| | Dat | C |

Effective Date: 01/25/2005 Page 39 of 48

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

| it Waste Container N/A | Out | put Waste Container |
|---|---|--|
| Waste Container ID:S817172 | 11. | Waste Container ID:S817172 |
| Audio/Videotape Number:LAVE540011VT | 13. | Audio/Videotape Number:LAVE540011VT |
| Container Type:Painted 55 Gal Drum | 15. | Container Type: Painted 55 Gal Drum |
| TRUCON Code: LA 211 | 17. | TRUCON Code: LA 211 |
| Waste Matrix Code:S3120 | 19. | Waste Matrix Code:S3120 |
| Waste Container Weights: | 21. | Waste Container Weights: |
| | | Tare Wt: <u>36.6</u> kg. |
| Gross Wt: 170.5kg. | | Gross Wt: 170.5kg. |
| Rigid Liner_Present? | 23. | Rigid Liner Present? NO X YES |
| Type of Liner: □ Lead X Plastic | | Type of Liner: □ Lead X Plastic |
| □ Other: Thickness: 30-mil 90-mil 110-mil X 125-mil | | □ Other: Thickness: 30-mil 90-mil 110-mil X 125-mil |
| Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size: >0.3 in. Filtered: Model No.: N/A Serial No.: N/A | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size: >0.3 in. Filtered: Model No.: N/A Serial No.: N/A |
| Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES | 27. | Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES |
| Volume Utilization Percentage: 70% | 29. | Volume Utilization Percentage: 70% |
| Number of Layers:0 | 31. | Closure Method/Layers of Confinement: Number of Layers: 0 Description: |
| Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? | 33. | Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? |
| NO X 1ES | 34 | NO X YES |
| | J 4 . | Closure Method for Container Liners: X N/A Method: |
| | 35. | Protection is adequate for heavy and/or sharp objects? |
| | 20 | □ NO X YES □ 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 |
| | Audio/Videotape Number:LAVE540011VT Container Type:Painted 55 Gal Drum TRUCON Code: LA 211 Waste Matrix Code:S3120 Waste Container Weights: Gross Wt: 170.5kg. Rigid Liner_Present? | Waste Container ID:S817172 Audior/Videotape Number:LAVE540011VT 13. Container Type:Painted 55 Gal Drum TRUCON Code: LA 211 Waste Matrix Code:S3120 Waste Container Weights: Gross Wt: 170.5kg. Rigid Liner_Present? Other: Thickness: 30-mil 90-mil 110-mil X 125-mil Rigid Liner Lid Present? NO X YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size: >0.3 in. Filtered: Model No.: N/A Serial No.: N/A Serial No.: N/A Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES Volume Utilization Percentage: 70% Closure Method/Layers of Confinement: Number of Layers: 0 Description: Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO X YES 34. |

Effective Date: 01/25/2005 Page 40 of 48

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

Page 3 of 5

| 37. Package Number | Waste Package Data 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 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Rm | | | |
| | 4/19/05 | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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): | Edithated VVeight (kg) |
| 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): | 100.0 |
| Total WMP Weight: | 133.9 |

Effective Date: 01/25/2005 Page 42 of 48

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

Page 5 of 5

| , | • |
|----------|--|
| | |
| T X NO T | YES |
| XIII | |
| | |
| | |
| NO | YES |
| | , 20 |
| NO | YES |
| NO | YES |
| NO | YES |
| | 120 |
| NO | YES |
| | |
| | |
| NO | YES |
| | |
| | |
| NO | YES |
| | |
| | <u> </u> |
| | |
| 4 | 119/05 |
| Dat | e local |
| | |
| | |
| — Date | |
| Date | |
| | |
| | |
| 04, | 1905 |
| | NO NO NO NO NO NO NO NO NO NO |

Effective Date: 01/25/2005 Page 39 of 48

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

| Inni | ut Waste Container N/A | | | | | |
|--------------------------------|---|-----|--|--|--|--|
| | | | tput 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: | 21. | Waste Container Weights: | | | |
| | • | | Tare Wt: <u>36.6</u> kg. | | | |
| | Gross Wt: 203.5kg. | | Gross Wt: 203.5kg. | | | |
| 22. | Rigid Liner_Present? | 23. | Rigid Liner Present? | | | |
| | Type of Liner: □ Lead X Plastic | | Type of Liner: □ Lead X Plastic | | | |
| | Other: | | □ Other: | | | |
| | Thickness: 30-mil 90-mil 110-mil X 125-mil | | Thickness: 30-mil 90-mil 110-mil X 125-mil | | | |
| 0.4 | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES | | | |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES | | | |
| | X Vented: Hole Size: >0.3 in. | | X Vented: Hole Size: >0.3 in. | | | |
| | □ Filtered: Model No.: N/A | | □ Filtered: Model No.: N/A | | | |
| 26. | Serial No.: N/A Bag Liner Present? X NO YES | 27 | Serial No.: N/A | | | |
| _0. | Thickness of Liner: | 27. | Bag Liner Present? X NO YES Thickness of Liner: | | | |
| | If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES | | If yes, is the thickness in the range of a | | | |
| 28. | NO YES Volume Utilization Percentage: 75% | 29. | nominal 5 to a nominal 15 mil? NO YES | | | |
| 30. | Closure Method/Layers of Confinement: | 31. | Volume Utilization Percentage: 75% Closure Method/Layers of Confinement: | | | |
| | Number of Layers:0 | | Number of Layers:0 | | | |
| 32. | Description: | ļ | Description: | | | |
| 04. | Input Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? | 33. | Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? | | | |
| | X NO YES | | X NO YES | | | |
| | | 34. | Closure Method for Container Liners: | | | |
| | | 35. | X N/A Method: Protection is adequate for heavy and/or sharp | | | |
| | | 30. | objects? | | | |
| | | 36. | Ontainer Filter and Lid Bing Belt Teams Deb | | | |
| | | 30. | 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.: <u>N/A</u> Torque Value: <u>N/A</u> | | | |
| | | | Lid Ring Bolt Torque Wrench Serial/ID No.: XC0058 | | | |
| | | | Calibration Due Date: 092205 | | | |

Effective Date: 01/25/2005 Page 40 of 48

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

Page 3 of 5

| 37. Package Number | 38. Package/Item/Content Description | 39. WMP [Table 3] | 40. Weight (kg) [Table 4, a] | 41. Weighing Code(s)[Table 4**] |
|--------------------------|---|---------------------------|---|---|
| | Residual liquid >1% of the container volume | N/A | N/A | N/A |
| | | | | |
| | | | | |
| 1 | A | | | |
| la | | | | |
| | RM | | | |
| | RM 4/19/05 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

Page 4 of 5

| Section 4: Packaging Material and Waste | e 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: | |
| Iron-based Metal/Alloys (IM): | Estimated Weight (kg) |
| Aluminum-based Metals/Alloys (AM): | |
| Other Metals (OM): | |
| Other Inorganic Materials (OI): | |
| Cellulosics (C): | |
| Rubber (R): | |
| Plastics (waste materials) (PW): | |
| Organic Matrix (OR): | 1101000 |
| Inorganic Matrix (IN): | |
| Soils (S): | |
| Total WMP Weight: | |

Effective Date: 01/25/2005 Page 42 of 48

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

Page 5 of 5

| | , | . |
|--|----------|---|
| Section 5: Prohibited Item(s) Summary | | THE RESERVE |
| 44. Prohibited Item(s) present: | NO | X YES |
| IF "YES" above, OR for the VE Technique process, THEN answer all questions below. | | 1 120 |
| All questions answered "VES" will be explained in the Comment of t | | |
| 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 | Y YES |
| ount: | | \ |
| 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? | V 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 |
| . Are there reactive (D003) wastes present? | X NO | YES |
| k. Are there pyrophorics present? | X NO | YES |
| Are there polychlorinated biphenyls (PCBs) present that are NOT authorized | 110 | YES |
| under an EPA PCB waste disposal authorization? | X NO | 153 |
| m. Are there non-mixed hazardous wastes present? | X NO | YES |
| n. Are there incompatible wastes present (i.e., waste does NOT match | _ X | 1123 |
| TRUCON Code)? | | |
| (Wastes that are incompatible with backfill, seal and panel closure materials, | ✓ NO | YES |
| container and packaging materials, shipping container materials, and/or other | X | .50 |
| wastes.) | | |
| Are there heat-sealed bags (unvented) > 4 liters in the waste? | X NO | YES |
| Section 6: Approvals | | |
| /isual Examination Operator 1: | | |
| R. Montoya | | |
| Print Name Signature | | ulal > |
| Print Name Signature | | 4/19/05 |
| /isual Examination Operator 2: | Da | ate |
| | | |
| Print Name Signature | | |
| rint Name Signature /isual Examination Expert: | Da | ate |
| Moiica 11 | | |
| Tommy Mouses | 2 | 1100- |
| | U | 1705 |
| Print Name Signature | <u> </u> | |

Effective Date: 01/25/2005 Page 39 of 48

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

Page 2 of 5

| Inpu | t Waste Container N/A | Out | put 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: | 21. | Waste Container Weights: |
| | | | Tare Wt: <u>36.6</u> kg. |
| | Gross Wt: 188.5kg. | | Gross Wt: 188.5kg. |
| 22. | Rigid Liner_Present? | 23. | Rigid Liner Present? □ NO X YES |
| | Type of Liner: □ Lead X Plastic | | Type of Liner: □ Lead X Plastic |
| | □ Other: | | □ Other: |
| | Thickness: 30-mil 90-mil 110-mil X 125-mil | | Thickness: 30-mil 90-mil 110-mil X 125-mil |
| 0.1 | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YFS | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? |
| | X Vented: Hole Size: >0.3 in. | 1 | NO X YES X Vented: Hole Size: >0.3 in. |
| | ☐ Filtered: Model No.: N/A | | ☐ Filtered: Model No.: N/A |
| 26. | Serial No.: N/A | | Serial No.: <u>N/A</u> |
| 20. | Bag Liner Present? X NO YES Thickness of Liner: | 27. | Bag Liner Present? X NO YES Thickness of Liner: |
| | If yes, is the thickness in the range of a | , | If yes, is the thickness in the range of a |
| 28. | nominal 5 to a nominal 15 mil? NO YES Volume Utilization Percentage: 70% | 29. | nominal 5 to a nominal 15 mil? NO YES |
| 30. | Closure Method/Layers of Confinement: | 31. | Volume Utilization Percentage: 70% Closure Method/Layers of Confinement: |
| | Number of Layers:0 | " | Number of Layers:0 |
| 20 | Description: | | Description: |
| 32. | Input Waste Container waste is consistent with the assigned Waste Stream and Waste | 33. | Output Waste Container waste is consistent |
| | Matrix Code? | | with the assigned Waste Stream and Waste Matrix Code? |
| | NO X YES | | □ NO X YES |
| | | 34. | Closure Method for Container Liners: |
| | | 35. | X N/A Method: Protection is adequate for heavy and/or sharp |
| | | | objects? |
| | | - | □ NO X YES □ 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.: <u>N/A</u> Torque Value: <u>N/A</u> |
| | | | Lid Ring Bolt Torque Wrench Serial/ID No.: XC0058 |
| | | | Calibration Due Date: 092205 |

Effective Date: 01/25/2005 Page 40 of 48

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

Page 3 of 5

| 37. Package Number | Waste Package Data 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 |
| | | | | |
| | | | | |
| | VA | | | |
| | 0.0 | | | |
| | 419/05 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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): | Estimated Weight (kg) | | |
| 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 | | |

Effective Date: 01/25/2005 Page 42 of 48

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

Page 5 of 5

| 44. Prohibited Item(s) present: | 77.110 | |
|--|--|--------------|
| F "YES" above, OR for the VE Technique process | X NO | YES |
| FHEN answer all questions below | | |
| All questions answered "YES" will be explained in the Comments block of Section 1. | | |
| Are there liquid wastes (i.e., free liquids) present? | NO | YES |
| unt: | | .20 |
| b. Is there residual liquid > 1 in./2.5 cm in the bottom of the waste container? | NO | YES |
| ls there residual liquid > 1 percent of the container volume? | NO | YES |
| Are there compressed gases present? | NO | YES |
| Are there explosives present? | NO | YES |
| Are there potentially pressurized containers in the waste? | NO | YES |
| . Are there sealed containers > 4 liters in the waste? | NO | YES |
| Are there ignitables (D001) present? | NO | YES |
| Are there corrosives (D002) present? | NO | YES |
| Are there reactive (D003) wastes present? | NO | YES |
| Are there pyrophorics present? | NO | YES |
| Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization? | NO | YES |
| n. Are there non-mixed hazardous wastes present? | NO | YES |
| 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 |
| Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES |
| ection 6: Approvals isual Examination Operator 1: . Montoya | The The State of t | |
| Rick Montana D. L. Mat | · | برداه، ار |
| rint Name Signature | | 114/02 |
| isual Examination Operator 2: | Date | e1 |
| A 2m ey 1905 | | |
| rint Name Signature | _ _ | |
| sual Examination Expert: | Date | - |
| | | |
| | | |
| Mojica Tammy Majka Signatura | 041 | 905 |

Effective Date: 01/25/2005 Page 39 of 48

Page 2 of 5

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

| Inpu | ut Waste Container N/A | Ou | tput Waste Container |
|------------|---|-----|--|
| 10. | Waste Container ID:S817178 | 11. | |
| 12. | Audio/Videotape Number:LAVE540011VT | 13. | Audio/Videotape Number:LAVE540011VT |
| 14. | Container Type:Painted 55 Gal Drum | 15. | |
| 16. | TRUCON Code: LA 211 | 17. | |
| 18. | Waste Matrix Code:S3120 | 19. | Waste Matrix Code:S3120 |
| 20. | Waste Container Weights: Gross Wt: 189.0kg. | 21. | |
| 22. | Rigid Liner_Present? | 23. | Rigid Liner Present? NO X YES |
| | Type of Liner: ☐ Lead X Plastic ☐ Other: | 20. | Type of Liner: □ Lead X Plastic |
| | Thickness: 30-mil 90-mil 110-mil X 125-mil | • | □ Other: Thickness: 30-mil 90-mil 110-mil X 125-mil |
| 0.4 | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size: >0.3 in. □ Filtered: Model No.: N/A Serial No.: N/A | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size:>0.3 in. □ Filtered: Model No.:N/A Serial No.:N/A |
| 26. | Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES | 27. | Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES |
| 28. 30. | Volume Utilization Percentage: 75% | 29. | Volume Utilization Percentage: 75% |
| | Closure Method/Layers of Confinement: Number of Layers: 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 X YES | 33. | Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO X YES |
| | | 34. | Closure Method for Container Liners: X N/A Method: |
| | | 35. | Protection is adequate for heavy and/or sharp objects? |
| | | 36. | □ NO X YES □ N/A 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. |

Effective Date: 01/25/2005 Page 40 of 48

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

| | | WMP [Table 3] | Weight (kg) [Table 4, ^a] | 41. Weighing Code(s)[Table 4** |
|---|----------------------|--------------------|---|--|
| | 100% Aqua-set Matrix | (IN) | 152.4 | E |
| | | | | |
| | | | | |
| | Λ. | | | |
| N | | | | |
| | | | | |
| | lm | | | |
| | 4/19/05 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

| 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): | Estimated Weight (kg) |
| 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): | 102.4 |
| Total WMP Weight: | 152.4 |

Effective Date: 01/25/2005 Page 42 of 48

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

Page 5 of 5

| YES |
|-------------|
| YES |
| |
| |
| |
| |
| YES |
| |
| YES |
| 150 |
| |
| YES |
| 120 |
| |
| YES |
| |
| |
| , |
| 19/05 |
| |
| e |
| |
| |
| 9 |
| - |
| |
| |
| 41905 |
| |

Effective Date: 01/25/2005 Page 39 of 48

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

| Inpu | it Waste Container N/A | Out | put 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: | 21. | Waste Container Weights: |
| | Ç | -" | Tare Wt: 36.6kg. |
| | Gross Wt: 183.6kg. | | Gross Wt: 183.6kg. |
| 22. | Rigid Liner_Present? NO X YES | 23. | Rigid Liner Present? NO X YES |
| | Type of Liner: ☐ Lead X Plastic | | Type of Liner: Lead X Plastic |
| | □ Other: | | □ Other: |
| | Thickness: 30-mil 90-mil 110-mil | | Thickness: 30-mil 90-mil 110-mil |
| | X 125-mil | | X 125-mil |
| 24. | Rigid Liner Lid Present? NO X YES | 1 | Rigid Liner Lid Present? NO X YES |
| 4 . | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES |
| | X Vented: Hole Size: >0.3 in. | | X Vented: Hole Size: >0.3 in. |
| | ☐ Filtered: Model No.: N/A | | ☐ Filtered: Model No.: N/A |
| | Serial No.: N/A | | Serial No.: N/A |
| 26. | Bag Liner Present? X NO YES Thickness of Liner: | 27. | Bag Liner Present? X NO YES |
| | If yes, is the thickness in the range of a | | Thickness of Liner: If yes, is the thickness in the range of a |
| | nominal 5 to a nominal 15 mil? NO YES | | nominal 5 to a nominal 15 mil? NO YES |
| 28. 30. | Volume Utilization Percentage: 75% | 29. | Volume Utilization Percentage: 75% |
| 3U. | Closure Method/Layers of Confinement: Number of Layers:0 | 31. | Closure Method/Layers of Confinement: Number of Layers:0 |
| | Description: | | Description: |
| 32. | Input Waste Container waste is consistent | 33. | Output Waste Container waste is consistent |
| | with the assigned Waste Stream and Waste Matrix Code? | | with the assigned Waste Stream and Waste |
| | NO X YES | l. | Matrix Code? ☐ NO X YES |
| | | 34. | Closure Method for Container Liners: |
| | | | X N/A Method: |
| | | 35. | Protection is adequate for heavy and/or sharp objects? |
| | | | □ NO X YES □ N/A |
| | | 36. | Container Filter and Lid Ring Bolt Torque Data |
| | | | Filter Torque Wrench: Serial/ID No.: N/A |
| | | İ | 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 |
| | | 1 | Lid Ring Bolt Torque Value: 60 ft. lbs. |

Effective Date: 01/25/2005 Page 40 of 48

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

Page 3 of 5

| 37. Package Number | Waste Package Data 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 |
| | | | | _ |
| | | | | |
| | | | | |
| | NX | | | |
| | Rm | | | |
| | 4/19/05 | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

Page 4 of 5

| 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): | Estimated Weight (kg) |
| 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 |

Effective Date: 01/25/2005

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

Page 42 of 48

Page 5 of 5

| Attachment 1 - CCP Waste Visual Examination Data Form (cont | inued) | Page 5 of 5 | |
|--|--------|-------------|--|
| Section 5: Prohibited Item(s) Summary | | | |
| 44. Prohibited Item(s) present: IF "YES" above, OR for the VE Technique process, | X NO | YES | |
| 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 | VEC | |
| ount: | 110 | 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 | + <u></u> - | |
| d. Are there compressed gases present? | NO | YES | |
| e. Are there explosives present? | NO | YES | |
| f. Are there potentially pressurized containers in the waste? | | 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 | |
| I. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized | NO | YES | |
| under an EPA PCB waste disposal authorization? | NO | YES | |
| m. Are there non-mixed hazardous wastes present? | NO | VE0. | |
| n. Are there incompatible wastes present (i.e., waste does NOT match | NO | YES | |
| IRUCON Code)? | | | |
| (Wastes that are incompatible with backfill, seal and panel closure materials, | NO | VEC | |
| container and packaging materials, shipping container materials, and/or other | INO | YES | |
| wastes.) | | | |
| o. Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES | |
| Section 6: Approvals | | | |
| Visual Examination Operator 1: | | | |
| R Montova | | | |
| Klick Montang Rela Miles | 4 | 4/19/05 | |
| Frint Name () Signature () | | 7. 11-0 | |
| /isual Examination Operator 2: | | | |
| N | | | |
| Print Name Signature | | | |
| /isual Examination Expert | Da | te | |
| Mojica / // main | | | |
| Mojica Tommy Mosica | 04 | 1905 | |
| Print Name Signature | | | |
| y | Da | ıe | |

Effective Date: 01/25/2005 Page 39 of 48

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

| Inpu | t Waste Container N/A | Out | put 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: | 21. | Waste Container Weights: |
| | | | Tare Wt: <u>36.6</u> kg. |
| | Gross Wt: 169.8kg. | | Gross Wt: 169.8kg. |
| 22. | Rigid Liner_Present? □ NO X YES | 23. | Rigid Liner Present? NO X YES |
| | Type of Liner: □ Lead X Plastic | | Type of Liner: □ Lead X Plastic |
| | Other: | ŀ | □ Other: |
| | Thickness: 30-mil 90-mil 110-mil X 125-mil | | Thickness: 30-mil 90-mil 110-mil X 125-mil |
| | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? |
| | X Vented: Hole Size: >0.3 in. | | NO X YES X Vented: Hole Size: >0.3 in. |
| | ☐ Filtered: Model No.:N/A | | ☐ Filtered: Model No.: N/A |
| | Serial No.: N/A | | Serial No.: N/A |
| 26. | Bag Liner Present? X NO YES Thickness of Liner: | 27. | Bag Liner Present? X NO YES |
| | If yes, is the thickness in the range of a | | Thickness of Liner: If yes, is the thickness in the range of a |
| 28. | nominal 5 to a nominal 15 mil? NO YES | ļ | nominal 5 to a nominal 15 mil? NO YES |
| 30. | Volume Utilization Percentage: 75% Closure Method/Layers of Confinement: | 29. | Volume Utilization Percentage: 75% |
| | Number of Layers:0 | 31. | Closure Method/Layers of Confinement: Number of Layers: 0 |
| | Description: | | Description: |
| 32. | Input Waste Container waste is consistent | 33. | Output Waste Container waste is consistent |
| | with the assigned Waste Stream and Waste Matrix Code? | | with the assigned Waste Stream and Waste Matrix Code? |
| | NO X YES | | □ NO X YES |
| | | 34. | Closure Method for Container Liners: |
| | | 2F | X N/A Method: |
| | | 35. | Protection is adequate for heavy and/or sharp objects? |
| | | | □ NO X YES □ 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: <u>N/A</u> Lid Ring Bolt Torque Wrench |
| | | | Serial/ID No.: XC0058 Calibration Due Date: 092205 |
| | | | Lid Ring Bolt Torque Value: 60 ft. lbs. |

Effective Date: 01/25/2005 Page 40 of 48

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

| 37. Package Number | 38. Package/Item/Content Description | 39. WMP [Table 3] | 40. Weight (kg) [Table 4, ^a] | 41. Weighing Code(s)[Table 4**] |
|--------------------------|---------------------------------------|---------------------------|---|---|
| | 100% Aqua-set Matrix | (IN) | 133.2 | Е |
| | | | | |
| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | |
| | NX | | | |
| | Rm | | | |
| | 4119/05 | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

Page 4 of 5

| Section 4: Packaging Material and Waste | e 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): | Estimated Weight (kg) |
| 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 |

Print Name

Effective Date: 01/25/2005

Date

Page 42 of 48

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

| , mashment (= 00) Waste Visual Examination Data Form (continued) | | Page 5 of 5 | |
|--|--------------|-------------|--|
| Section 5: Prohibited Item(s) Summary | | | |
| 44. Prohibited Item(s) present: | X NO | VE0 | |
| IF "YES" above, OR for the VE Technique process | _ _ ^ NO _ | YES | |
| THEN answer all questions below. | | | |
| All questions answered "YES" will be explained in the Comments block of Section 1. | | | |
| Are there liquid wastes (i.e., free liquids) present? | NO | YES | |
| ount: | 140 | 11.5 | |
| 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 | |
| I. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized | NO | YES | |
| under an EPA PCB waste disposal authorization? | 110 | 123 | |
| m. Are there non-mixed hazardous wastes present? | NO | YES | |
| n. Are there incompatible wastes present (i.e., waste does NOT match | 1 | 120 | |
| IRUCON Code)? | | | |
| (Wastes that are incompatible with backfill, seal and panel closure materials, | NO | YES | |
| container and packaging materials, shipping container materials, and/or other wastes.) | | | |
| | | | |
| o. Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES | |
| Section 6: Approvals | | | |
| Visual Examination Operator 1: | | | |
| R. Monteya | | 11- | |
| Vide Montage | | 4119/05 | |
| Print Name U Signature | | ate | |
| Visual Examination Operator 2: | | | |
| N pm 04 1905 | | | |
| Print Name Signature | | ate | |
| Visual Examination Expert: | | ale | |
| T.Mojica Tommy Marica | | | |
| TOTING WICH | C | 041905- | |

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

Page 2 of 5

| Inpu | ut Waste Container N/A | | put Waste Container |
|-------------------|---|--|---|
| 10. | Waste Container ID:S817190 | 11. | |
| 12. | Audio/Videotape Number:LAVE540011VT | 13. | |
| 14. | Container Type:Painted 55 Gal Drum | 15. | Audio/Videotape Number:LAVE540011VT |
| 16. | TRUCON Code: LA 211 | 17. | Container Type: Painted 55 Gal Drum |
| 18. | Waste Matrix Code:S3120 | 17. | TRUCON Code: LA 211 |
| 20. | Waste Container Weights: | 21. | Waste Matrix Code:S3120 |
| | voigno. | 21. | Waste Container Weights: |
| | Gross Wt: 186.2kg. | | Tare Wt: <u>36.6</u> kg. |
| 22. | Rigid Liner_Present? NO X YES | 23. | Gross Wt: 186.2kg. |
| | Type of Liner: ☐ Lead X Plastic | 23. | Rigid Liner Present? NO X YES |
| | □ Other: | | Type of Liner: ☐ Lead X Plastic |
| | Thickness: 30-mil 90-mil 110-mil | | ☐ Other: Thickness: 30-mil 90-mil 110-mil |
| | X 125-mil | | X 125-mil |
| 24 | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? |
| | X Vented: Hole Size: >0.3 in. | | NO X YES X Vented: Hole Size: >0.3 in. |
| | □ Filtered: Model No.: <u>N/A</u> | | ☐ Filtered: Model No.: N/A |
| 200 | Serial No.: N/A | | Serial No.: N/A |
| 26. | Bag Liner Present? X NO YES Thickness of Liner: | 27. | Bag Liner Present? X NO YES |
| | If yes, is the thickness in the range of a | Thickness of Liner: If yes, is the thickness in the range of a | |
| 28. | nominal 5 to a nominal 15 mil? NO YES | | nominal 5 to a nominal 15 mil? NO YES |
| <u>20.</u> 30. | Volume Utilization Percentage: 70% Closure Method/Layers of Confinement: | 29. | Volume Utilization Percentage: 70% |
| | Number of Layers:0 | 31. | Closure Method/Layers of Confinement: Number of Layers: 0 |
| | Description: | ŀ | Description: |
| 32. | Input Waste Container waste is consistent | 33. | Output Waste Container waste is consistent |
| | with the assigned Waste Stream and Waste Matrix Code? | | with the assigned Waste Stream and Waste Matrix Code? |
| | NO X YES | | □ NO X YES |
| | | 34. | Closure Method for Container Liners: |
| | | 25 | X N/A Method: |
| | | 35. | Protection is adequate for heavy and/or sharp objects? |
| | | | □ NO X YES □ N/A |
| | | 36. | Container Filter and Lid Ring Bolt Torque Data |
| | | | Filter Torque Wrench: Serial/ID No.: N/A |
| | | | Calibration Due Date: 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. |

Effective Date: 01/25/2005 Page 40 of 48

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

| 37. Package Number | Waste Package Data 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 |
| | | | | |
| | JA | | | |
| , | Ru | | | |
| | 4119/05 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

| Steel (ST): | ESIMATED WEIGHT (VA) |
|------------------------------------|-----------------------|
| | Estimated Weight (kg) |
| 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): | Estimated Weight (kg) |
| 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): | 143.0 |
| Total WMP Weight: | 149.6 |

Effective Date: 01/25/2005 Page 42 of 48

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

Page 5 of 5

| Section 5: Prohibited Item(s) Summary | | |
|---|--|-------|
| 44. Prohibited Item(s) present: IF "YES" above, OR for the VE Technique process, | X NO | YES |
| 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 | VEC |
| unt: | | 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 |
| Are there potentially pressurized containers in the waste? | NO | YES |
| . Are there sealed containers > 4 liters in the waste? | NO | YES |
| . Are there ignitables (D001) present? | NO | YES |
| Are there corrosives (D002) present? | NO | YES |
| Are there reactive (D003) wastes present? | NO | YES |
| . Are there pyrophorics present? | NO | YES |
| Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization? | NO | YES |
| n. 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 |
| . Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES |
| ection 6: Approvals | | |
| isual Examination Operator 1: | | |
| R. Montoya Thick Mortage Print Name Signature Signature | Ų | 19/05 |
| Print Name 4- 7m041905 | | |
| Print Name Signature Signature | Dat | e |
| Mojica Jammy Marica | AL | 11915 |
| rint Name Signature | $\frac{\partial \gamma}{\partial x^4}$ | 1103 |
| 1 | Date | ₽ |

Effective Date: 01/25/2005 Page 39 of 48

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

| Inpu | rt Waste Container N/A | Out | put 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: | 21. | Waste Container Weights: |
| | | | Tare Wt: <u>36.6</u> kg. |
| | Gross Wt: 184.8kg. | | Gross Wt: 184.8kg. |
| 22. | Rigid Liner_Present? | 23. | Rigid Liner Present? NO X YES |
| | Type of Liner: ☐ Lead X Plastic | | Type of Liner: □ Lead X Plastic |
| | ☐ Other: Thickness: 30-mil 90-mil 110-mil X 125-mil | | ☐ Other:Thickness: 30-mil 90-mil 110-mil |
| | Rigid Liner Lid Present? NO X YES | | X 125-mil |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? | 25. | Rigid Liner Lid Present? NO X YES Rigid Liner Lid is Vented (>0.3 in.) or Filtered? |
| | NO X YES | | NO X YES |
| | X Vented: Hole Size: <u>>0.3 in.</u> □ Filtered: Model No.: <u>N/A</u> | | X Vented: Hole Size: >0.3 in. |
| | Serial No.: N/A | | ☐ Filtered: Model No.:N/A Serial No.:N/A |
| 26. | Bag Liner Present? X NO YES | 27. | Bag Liner Present? X NO YES |
| | Thickness of Liner: If yes, is the thickness in the range of a | | Thickness of Liner: |
| | nominal 5 to a nominal 15 mil? NO YES | | If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES |
| 28. | Volume Utilization Percentage: 60% | 29. | Volume Utilization Percentage: 60% |
| 30. | Closure Method/Layers of Confinement: Number of Layers: 0 | 31. | Closure Method/Layers of Confinement: |
| | Number of Layers:0 Description: | | Number of Layers:0 Description: |
| 32. | Input Waste Container waste is consistent | 33. | Output Waste Container waste is consistent |
| | with the assigned Waste Stream and Waste Matrix Code? | | with the assigned Waste Stream and Waste |
| | NO X YES | | Matrix Code? □ NO X YES |
| | | 34. | Closure Method for Container Liners: |
| | | | X N/A Method: |
| | | 35. | Protection is adequate for heavy and/or sharp objects? |
| | | 20 | □ NO X YES □ 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 |
| | | 1 | Calibration Due Date: 092205 |

Effective Date: 01/25/2005 Page 40 of 48

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

Page 3 of 5

| 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 |
| | | | | |
| | | | | |
| | A | | | |
| | | | | |
| | Sec. | | | |
| | 4/19/05 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Effective Date: 01/25/2005 Page 41 of 48

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

Page 4 of 5

| 42. Packaging Material: | e Material Parameters 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): | Estimated Weight (kg) |
| 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): | 170.2 |
| Total WMP Weight: | 148.2 |

Effective Date: 01/25/2005

Page 42 of 48

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

| (con | tinued) | Page 5 of 5 | |
|---|----------------|-------------|--|
| Section 5: Prohibited Item(s) Summary | | | |
| 44. Prohibited Item(s) present | X NO | VEC | |
| IF "YES" above, OR for the VE Technique process | X NO | YES | |
| I HEN 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 | |
| ount: | INO | 159 | |
| 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 | | |
| 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? | | YES | |
| I. Are there polychlorinated biphenyls (PCBs) present that are NOT authorized | NO NO | YES | |
| under an EPA PCB waste disposal authorization? | NO | YES | |
| m. Are there non-mixed hazardous wastes present? | NO | \ | |
| n. Are there incompatible wastes present (i.e., waste does NOT match | NO | YES | |
| TRUCON Code)? | | 1 | |
| (Wastes that are incompatible with backfill, seal and panel closure materials, | NO | YES | |
| container and packaging materials, shipping container materials, and/or other | 140 | 150 | |
| wastes.) | | | |
| o. Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES | |
| Section 6: Approvals | | 120 | |
| Visual Examination Operator 1: | | | |
| R. Montoya | | | |
| Valle Morstone | | ulialar | |
| Print Name Signature | _ _ | 111102 | |
| Visual Examination Operator 2: | Da | ate | |
| A/ | | | |
| A pm 041905 | | | |
| Print Name Signature | | | |
| Revel Country of the | Ua | 110 | |

| Section 6: Approvals | | naz Tempe i je iz semena |
|--------------------------------|-------------|--------------------------|
| Visual Examination Operator 1: | | |
| R. Montoya Print Name | Rich Mit | 4/19/05 |
| Visual Examination Operator 2: | Signature | Date |
| | A pm 041905 | |
| | Signature | Date |
| T.Mojica // May Mojica | Signature | <i>041905</i> Date |
| /OMMY MOJICA | Signature | 041905 |

Effective Date: 01/25/2005 Page 39 of 48

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

Page 2 of 5

| Inpu | t Waste Container N/A | Out | put Waste Container |
|------------|--|-----|---|
| 10. | Waste Container ID:S818504 | 11. | |
| 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: | 21. | Waste Container Weights: |
| | | | Tare Wt: <u>36.6</u> kg. |
| | Gross Wt: 182.6kg. | | Gross Wt: 182.6kg. |
| 22. | Rigid Liner_Present? □ NO X YES | 23. | Rigid Liner Present? NO X YES |
| | Type of Liner: □ Lead X Plastic | | Type of Liner: □ Lead X Plastic |
| | □ Other: Thickness: 30-mil 90-mil 110-mil X 125-mil | | □ Other: Thickness: 30-mil 90-mil 110-mil X 125-mil |
| 24 | Rigid Liner Lid Present? NO X YES | | Rigid Liner Lid Present? NO X YES |
| 24. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size:>0.3 in. □ Filtered: Model No.:N/A Serial No.:N/A | 25. | Rigid Liner Lid is Vented (>0.3 in.) or Filtered? NO X YES X Vented: Hole Size: >0.3 in. Filtered: Model No.: N/A Serial No.: N/A |
| 26. | Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES | 27. | Bag Liner Present? X NO YES Thickness of Liner: If yes, is the thickness in the range of a nominal 5 to a nominal 15 mil? NO YES |
| 28. 30. | Volume Utilization Percentage: 80% Closure Method/Layers of Confinement: | 29. | Volume Utilization Percentage: 80% |
| 50. | 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 X YES | 33. | Output Waste Container waste is consistent with the assigned Waste Stream and Waste Matrix Code? NO X YES |
| | | 34. | Closure Method for Container Liners: X N/A Method: |
| | | 35. | Protection is adequate for heavy and/or sharp objects? |
| | | | □ NO X YES □ 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 |

Effective Date: 01/25/2005

Page 40 of 48

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

| Page | 3 | of | 5 |
|------|---|----|---|
|------|---|----|---|

| 37. Package Number | Waste Package Data 38. Package/Item/Content Description | 39. WMP [Table 3] | 40. Weight (kg) [Table 4, ^a] | 41. Weighing Code(s)[Table 4**] |
|--------------------------|--|-------------------------|--|---|
| | 100% Aqua-set Matrix | (IN) | 146.0 | E |
| | | | | |
| | ALA | | | |
| | | | | |
| | 4/19/05 Pm | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

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): | Estimated vveight (kg) |
| 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): | 140.0 |
| Total WMP Weight: | 146.0 |

Effective Date: 01/25/2005 Page 42 of 48

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

Page 5 of 5

| 44. Prohibited Item(s) present: | X NO | YES |
|--|-------------|---------|
| F "YES" above, OR for the VE Technique process, | _ X NO | 168 |
| FHEN 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 |
| unt: | | |
| 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 |
| Are there compressed gases present? | NO | YES |
| Are there explosives present? | NO | YES |
| Are there potentially pressurized containers in the waste? | NO | YES |
| Are there sealed containers > 4 liters in the waste? | NO | YES |
| . Are there ignitables (D001) present? | NO | YES |
| Are there corrosives (D002) present? | NO | YES |
| Are there reactive (D003) wastes present? | NO | YES |
| . Are there pyrophorics present? | NO | YES |
| Are there polychlorinated biphenyls (PCBs) present that are NOT authorized under an EPA PCB waste disposal authorization? | NO | YES |
| n. Are there non-mixed hazardous wastes present? | NO | YES |
| 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 |
| . Are there heat-sealed bags (unvented) > 4 liters in the waste? | NO | YES |
| Section 6: Approvals | | |
| isual Examination Operator 1: | | |
| Print Name Signature Signature | <u>U</u> | 1/19/05 |
| isual Examination Operator 2: | | |
| A pm 041905 | | |
| rint Name Signature | Dat | |
| isual Examination Expert: | Dat | |
| | | |
| Mojica Tommy Marica | 09 | 1905 |
| rint Name Signature | | |

Effective Date: 01/25/2005 Page 43 of 48

Attachment 2 - CCP Waste VE Independent Technical Reviewer Checklist

Batch Data Report No.: <u>LAVE540011</u> Page 1 of 2

| | Description of | | | | | | |
|-----|---|----------------------------|----------------------|----------------------------------|--|--|--|
| 1. | Data generation and reduction were conducted in a technically correct manner in accordance with the methods used? | □ NO | YES | □ N/A | | | |
| 2. | Was the correct revision of operating procedure used? | □NO | Ø YES | □ N/A | | | |
| 3. | Are the waste material parameters (WMPs) entered correctly? | □ NO | ₫ YES | □ 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) | NO NO NO NO | PYES PYES PYES | □ N/A □ N/A □ N/A □ N/A | | | |
| 5. | Is the data reported in the correct units and correct number of significant figures? | □ NO | | □ N/A | | | |
| 6. | Were all the transcription errors corrected? | □NO | ₽ÝES | □ N/A | | | |
| 7. | Does the Testing Batch Report include VE for up to 20 containers? | □ NO | Ø YES | □ N/A | | | |
| 8. | BDR contents are complete and match the CCP Waste VE Batch Data Report Table Of Contents? | □ NO | ₽YES | □ N/A | | | |
| 9. | Is all the data signed and dated in reproducible ink and by the individual(s) generating it? | □ NO | ∄ YES | □ N/A | | | |
| 10. | Is all data recorded clearly, legibly, and accurately? | □NO | YES | □ N/A | | | |
| 11. | All changes to original data lined out, initialed and dated by the individual making the changes? | □ NO | Z YES | □ N/A | | | |
| 12. | Was justification made for changing the original data? | □ NO | ₽YES | □ N/A | | | |
| 13. | Were data changes made by the individual who originally collected the data? | □ NO | ₽YES | □ N/A | | | |
| 14. | Does the waste in the Output Container match the Waste Matrix Code and Waste Stream Description? | □ NO | ₽ŶES | □ N/A | | | |
| 15. | Are the VEE's decisions regarding the VE documented? | □ NO | ∀YES | □ N/A | | | |
| 16. | Is there an adequate written description of the contents of each item? | □ № | YES | □ N/A | | | |

Effective Date: 01/25/2005 Page 44 of 48

2

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

| Batch Data Report No.: | LAVE540011 | Page 2 of |
|------------------------|------------|-----------|
|------------------------|------------|-----------|

| | Description | | | |
|-----|---|------|--------------|--------------|
| 17. | Were the scale(s) in calibration prior to the VE and documented correctly? | □ NO | YES | ØN/A |
| 18. | Were the scale checks SAT prior to each VE and documented correctly? | □NO | YES NO | 4174 □N/A |
| 19. | Was the audio/videotape properly prepared and labeled for each waste container? | □ NO | ₫ YES | □ N/A |
| 20. | Was the audio/video check performed satisfactorily prior to the VE? | □ NO | ⊠ YES | □ N/A |

| Comments: | | | |
|-----------|-------------|---|--|
| | | / | |
| | A /~ | | |
| | MA | | |
| | | | |
| | | | |
| / | | | |

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 Espinors
Printed Name

Secret Lysny
Signature

4 - 20 - 05 Date

CCP-TP-113, Rev. 3 CCP Standard Waste Visual Examination

Effective Date: 01/25/2005

Page 45 of 48

Attachment 3 - CCP-Waste VE Technical Supervisor Review Checklist

| Bate | Batch Data Report No.:LAVE540011 | | | | |
|------|--|------|-------|--|--|
| 1. | Has all the data received an independent technical review as evidenced by the appropriate ITR signature? | □NO | YES | | |
| 2. | Data is technically reasonable based upon the techniques used? | □NO | □YES. | | |
| 3. | BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents? | □ NO | PYES | | |

| Comments: | |
|-----------|--|
| Sec | attacked NCR, for NCR/5817-174, NCR-LANL-0902- |
| | |
| | |
| | |
| | |
| | N 2m 042005 |
| | |
| | |
| | |
| | |

| I have reviewed 100 percent of the contain find it acceptable for a Facility Quality Assu | ner-specific and batc urance Officer reviev | th data in this report and |
|---|--|----------------------------|
| VE Technical Supervisor: | ٠, | |
| Tommy Marica | مرکر آ | 042005 |
| Printed Name | Signature | Date |

CCP-TP-113, Rev. 3 CCP Standard Waste Visual Examination

Effective Date: 01/25/2005 Page 46 of 48

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

| Bat | ch Data Report No.: LAVE540011 | | | | | |
|--|--|------|--------------|---------------|--|--|
| | Description | | | | | |
| 1. | Has all the data received an independent technical review as evidenced by the appropriate ITR signature? | □NO | YES | □ N/A | | |
| 2. | Has all the data received a Technical Supervisor Review as evidenced by the appropriate TS signature? | □NO | YES | □ N/A | | |
| 3. | BDR contents are complete and match the CCP Waste VE Batch Data Report Table of Contents? | □NO | YES | □ N/A | | |
| 4. | Were the scale(s) in calibration prior to the VE and documented correctly? | □NO | □ YES | ØN/A | | |
| 5. | Were the scale checks SAT prior to each VE and documented correctly? | □ NO | □ YES | □·N /A | | |
| 6. | Was the audio/videotape properly prepared and labeled for each waste container? | □ NO | BYES . | □ N/A | | |
| 7. | Was the audio/video check performed satisfactorily prior to the VE? | □ NO | YES | □ N/A | | |
| 8. | Were NCRs initiated as required and dispositioned appropriately? | □NO | ≥ YES | □ N/A | | |
| See attached NCR, for NCR/5817174, NCR-LANL-0902-05. | | | | | | |
| I have reviewed 100 mercent of the south | | | | | | |
| I have reviewed 100 percent of the container-specific and batch data in this report and find it acceptable for project level review. | | | | | | |
| _ | cility Quality Assurance Officer: | | | | | |
| Tommy Marica 2005 | | | | | | |
| Printed/Name Signature Date | | | Date | | | |

Effective Date: 09/25/2003

Page 1 of 3

CCP Nonconformance Report (NCR)

| NCR No. NCR - LANL - 0902 - 05 Revision 0 | | | | | | |
|--|--|--|--|--|--|--|
| 1. Lot No./Heat No. or Serial No.: | 2. Process (NDA, HSG, | 3. Batch Data Report # (s): | | | | |
| N/A | NDE, VE, Other): | LAVE540011 | | | | |
| 4. Order/Work Order/Job Control Number | 5. PO #: | DRUM #(s): | | | | |
| (as applicable): | N /A Supplier: | And the state of t | | | | |
| 6. E-QA NCR #: A/6 | N/A | S817174 | | | | |
| DESCRIPTION OF NONCONFORMANCE | | | | | | |
| 7. (a) Hold Tag Applied? XYES NO (If NO, explain) Segregation Method (s): NA | | | | | | |
| | | | | | | |
| | | | | | | |
| ☐ < 100 n Ci/g ☐ Exceeds Site Limit ☑ Prohibited Item ☐ >500 ppmv Flamm. Vocs | | | | | | |
| ☐ E-Flag ☐ TRAMPAC Criteria ☐ M&TE ☐ Receiving Inspection ☐ Other | | | | | | |
| | | | | | | |
| (b) Description of Nonconformance Required Condition (Implementing Procedu | re, Section & Revision) | | | | | |
| Residual liquid >1% of the container volume. CCP-TP-113 R.3 | | | | | | |
| Table 1 | | | | | | |
| The second secon | | 1 | | | | |
| (c). Actual Condition | | | | | | |
| | am 040905 | | | | | |
| Found > 1% residual liquid per solume container volume. | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| The state of the s | | | | | | |
| | | | | | | |
| | | | | | | |
| 8. Originator (Print name, sign and date) | 9. SPQAO/FQAO \ | /alidation (Print name, sign and date) | | | | |
| T. Mojica 04090 | 15 HORZLINGANCY | teck Lindoll 4/20/2005 | | | | |
| 10. Significant Condition? | | 11. Recurring Condition? ☐ YES NO (If YES, List | | | | |
| □YES □NO XQNA | NCRs) | en fan en alla en | | | | |
| | AND AND A CONTRACT OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE | | | | | |
| 12. Trend Code: | 13. Responsible Ma | 13. Responsible Manager: | | | | |
| <u> </u> | Wes Root | the second secon | | | | |

Effective Date: 09/25/2003

Page 2 of 3

CCP Nonconformance Report (NCR)

| NCR No. NCR - LANL - 10902 - 105 Revision 0 | | | | | | |
|--|---|--|--|--|--|--|
| INTERIM DISPOSITION | | | | | | |
| 14. Interim Disposition (Check One) | | | | | | |
| N/A (See final Disposition) Hold Use Sort Reinspect/Retest Remediate | Conditional Accept Conditional | | | | | |
| (a) Instructions for Completion of the Interim Disposition: | | | | | | |
| | | | | | | |
| INTERIM DISPOSITIO | | | | | | |
| 15 .Responsible Manager/Individual(Print, sign and date.) 1 | 6. SPQAO/FQAO (Print, sign and date.) | | | | | |
| Additional Approvals: (Print, sign and date.) | Additional Approvals: (Print, sign and date.) | | | | | |
| | | | | | | |
| COMPLETION OF INTER | | | | | | |
| 17. Interim Disposition Complete Responsible Manager/Individ | lual: (Print, sign and date.) | | | | | |
| 18. Interim Disposition Verified SPQAO/FQAO: (Print, sign and date.) | | | | | | |
| | | | | | | |

Effective Date: 09/25/2003

Page 3 of 3

CCP Nonconformance Report (NCR)

| NCR No. NCR - LAW - 10902 - 105 Revision 10 | | | | | | |
|--|--|--|--|--|--|--|
| FINAL DISPOSITION | | | | | | |
| 19. Final Disposition (Check One) ☐ Use-As Is ☐ Repair ☐ Rework ☐ Scrap | | | | | | |
| (A) Technical Justification (Required for "Use-As-is" and "Repair" dispositions, N/A for "Reject" or "Rework" dispositions.) | | | | | | |
| AIN | | | | | | |
| A MARKET CONTROL OF THE CONTROL OF T | | | | | | |
| (B) Disposition (Required for "Reject" and "Scrap") | | | | | | |
| (B) Disposition (Required for "Reject" and "Scrap") Reject return to Host Site, for remediation. | | | | | | |
| (C) Instructions for Completion of the Final Disposition, including Inspection Criteria (Required for "Repair" and "Rework") | | | | | | |
| A (| | | | | | |
| A am 040905 | | | | | | |
| | | | | | | |
| (D) Corrective Actions (Actions to Prevent Recurrence) - as required. | | | | | | |
| | | | | | | |
| A m 040905 | | | | | | |
| A om 040405 | | | | | | |
| | | | | | | |
| The second of th | | | | | | |
| FINAL DISPOSITION APPROVALS | | | | | | |
| 20. Responsible Manager/Individual (Print, sign and date.) | | | | | | |
| F. Wesley Rat 7. Wally Rot 42005 PEORIZ LINDSHE Tilles & Suidal 4/20/2005 | | | | | | |
| Additional Approvals: (Print, sign and date.) Additional Approvals: (Print, sign and date.) | | | | | | |
| CLOSURE | | | | | | |
| 22. Final Disposition Complete Responsible Manager/Individual: (Print, sign and date.) | | | | | | |
| | | | | | | |
| 23. Final Disposition Verified SPQAO/FQAO (Print, sign and date.) | | | | | | |
| | | | | | | |