



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



ENTERED

MAR 31 2005

Bonnie Gitlin
Radiation Protection Division
U.S. Environmental Protection Agency
501 3rd Street, NW
Washington, DC 20001



Subject: Documentation of Completion of the Acceptable Knowledge Reconciliation Process for Debris (S5000) Waste by the AMWTP

Dear Ms. Gitlin:

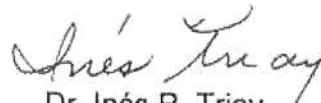
During the Carlsbad Field Office (CBFO) Audit A-05-08 of the Advanced Mixed Waste Treatment Project (AMWTP) conducted on March 1 – 4, 2005, the AMWTP had not completed the process for reconciliation with data quality objectives (DQOs) for any debris (S5000) waste streams. The area of DQO reconciliation was rated as indeterminate in the audit report submitted to EPA on March 17, 2005.

Subsequent to Audit A-05-08, the AMWTP has completed reconciliation with DQOs for a debris waste stream. Enclosed with this letter is objective evidence of completion of this activity. The objective evidence includes, a completed waste stream profile form for waste stream BN510, the associated reconciliation with DQO checklist, and the Characterization Information Summary Report.

This information has been reviewed by the CBFO audit team members and the area of reconciliation with DQOs for debris (S5000) waste is now considered to be adequate, satisfactorily implemented, and effective.

If you have any questions regarding this matter, please call me a 505-234-7300 or Ava Holland, the CBFO Quality Assurance Manager, at 505-234-7423.

Sincerely,


Dr. Inés R. Triay
Acting Manager

Enclosure



Ms. Gitlin

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MAR 31 2005

cc w/enclosure:

K. Watson, CBFO	*ED
A. Holland, CBFO	ED
M. Navarrete, CBFO	ED
S. Zappe, NMED	ED
S. White, EPA	ED
M. Eagle, EPA	ED
E. Feltcorn, EPA	ED
R. Joglekar, EPA	ED
C. Riggs, CTAC	ED

CBFO QA FILE

CBFO M&RC

WIPP Operating Record MS-486-06

*ED denotes electronic distribution

	Waste Stream Profile Form HWN Assignment Worksheet	AMWTP Form-1195 Rev. 2 Effective Date: 11/30/04 MP-TRUW-8.14 Page 1 of 4
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WASTE STREAM PROFILE FORM

Waste Stream Profile Number: BN510, Rev. 0
Generator site name: Advanced Mixed Waste Treatment Project **Technical contact:** Eric Schweinsberg
Generator site EPA ID: ID4890008952 **Technical contact phone number:** (208) 557-7164
Date of Audit report approval by NMED: 12/23/2003
Title, version number, and date of documents used for WAP certification:
 Certification Plan for INEEL Contact-Handled (CH-TRU) Transuranic Waste, MP-TRUW-8.1, Rev. 1, 12/19/02; Rev. 2, 6/11/03; Rev. 3, 10/7/03; Rev. 4, 3/4/04; Rev. 5, 8/18/04; Rev. 6, 11/15/04; Rev. 7, 12/3/04.
 Contact-Handled Transuranic Waste Authorized Methods for Payload Control (CH-TRAMPAC), MP-TRUW-8.3, Rev. 1, 2/06/03; Rev. 2, 3/29/04; Rev. 3, 12/15/04
 Quality Assurance Project Plan (QAPjP), MP-TRUW-8.2, Rev. 1, 2/26/03; Rev. 2, 3/31/03; Rev. 3, 8/19/04
Did your facility generate this waste? Yes No **If no, provide the name and EPA ID of the original generator:**
Feedstock debris waste from Rocky Flats Environmental Technology Site, CO7890010526; Mound, OH6890008984; Battelle Columbus, OHD007901598; Bettis, PA0890090004

Waste Stream Information¹
WIPP ID: None - Newly Generated **Summary Category Group:** S5000
Waste Matrix Code Group: Heterogeneous **Waste Stream Name:** Supercompacted Debris Waste
Description from the TWBIR: This waste stream is newly generated and is not listed in the TWBIR.

Defense TRU Waste (Ref. 10) Yes No **Check One:** CH RH
Number of SWBs: 0 **Number of 100-gal Drums:** 30,740 **Number of Canisters:** 0
Batch Data report numbers supporting this waste stream characterization: See Characterization Information Summary, Table 5
D004, D005, D006, D007, D008, D009, D010, D011, D022, D028, D029, D032, D040, F001, F002, F005, F006, F007 AND F009
List applicable EPA Hazardous Waste Codes:²

Applicable TRUCON Content Codes: ID121CD, ID221CD

Acceptable Knowledge Information¹
[For the following, enter supporting documentation used (i.e., references and dates)]

Required Program Information
Map of site: See Reference List, No. 1 and No. 2
Facility mission description: See Reference List No. 1 and No. 3
Description of operations that generate waste: See Reference List, No. 1
Waste identification/categorization schemes: See Reference List, No. 4
Types and quantities of waste generated: See Reference List, No. 1 and No. 6
Correlation of waste streams generated from the same building and process, as appropriate: See Reference List, No. 1 and No. 5
Waste certification procedures: See Reference List, No. 7 and No. 8

Required Waste Stream Information
Area(s) and building(s) from which the waste stream was generated: See Reference List, No. 1
Waste stream volume and time period of generation: See Reference List, No. 1
Waste generating process description for each building: See Reference List, No. 1
Process flow diagrams: See Reference List, No. 1
Material inputs or other information identifying chemical/radionuclide content and physical waste form: See Reference List, No. 1



**Waste Stream
Profile Form HWN
Assignment
Worksheet**

AMWTP Form-1195
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BN510 Rev. 0

Which Defense Activity generated the waste: (check one)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Weapons activities including defense inertial confinement fusion | <input type="checkbox"/> Naval Reactors development |
| <input type="checkbox"/> Verification and control technology | <input type="checkbox"/> Defense research and development |
| <input type="checkbox"/> Defense nuclear waste and material by products management | <input type="checkbox"/> Defense nuclear material production |
| <input type="checkbox"/> Defense nuclear waste and materials security and safeguards and security investigations | |

Supplemental Documentation See Reference List, No. 1
Process design documents: See Reference List, No. 1
Standard operating procedures: See Reference List, No. 1
Safety Analysis Reports: See Reference List, No. 1
Waste packaging logs: See Reference List, No. 1
Test plans/research project reports: See Reference List, No. 1
Site databases: See Reference List, No. 1
Information from site personnel: See Reference List, No. 1
Standard industry documents: See Reference List, No. 1
Previous analytical data: See Reference List, No. 1
Material safety data sheets: See Reference List, No. 1
Sampling and analysis data from comparable/surrogate Waste: See Reference List, No. 1
Laboratory notebooks: See Reference List, No. 1

Sampling and Analysis Information

For the following, when applicable, enter procedure title(s), number(s) and date(s)

Radiography: See Reference List, No. 9
Visual Examination: See Reference List, No. 10
Headspace Gas Analysis
VOCs: See Reference List, No. 11
Flammable: See Reference List, No. 11
Other gases (specify): N/A
Homogeneous Solids/Soils/Gravel Sample Analysis (See Reference List for Dates)
Total metals: N/A
PCBs: N/A
VOCs: N/A
Nonhalogenated VOCs: N/A
Semi-VOCs: N/A
Other (specify): N/A

Waste Stream Profile Form Certification:

I hereby certify that I have reviewed the information in this Waste Stream Profile Form, and it is complete and accurate to the best of my knowledge. I understand that this information will be made available to regulatory agencies and that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Eric P. Schweinsborg Eric P. Schweinsborg 3/21/05
Signature of Site Project Manager Printed Name and Title Date

- NOTE:** (1) Use back of sheet or continuation sheets, if required.
(2) If radiography, visual examination, headspace gas analysis, and/or homogeneous solids/soils/gravel sample analysis were used to determine EPA Hazardous Waste Codes, attach signed Characterization Information Summary documenting this determination.

Waste Stream Profile Continuation Sheet**Reference List**

1. Acceptable Knowledge Summary for Supercompacted Debris Waste, BNFL-5232-RPT-TRUW-30, Rev. 0, March 2005.
2. Site Plan of the Advanced Mixed Waste Treatment Facility, DWG-5232-52-0101, Rev. 0, April 1999.
3. AMWTP TRU Waste Management Acceptable Knowledge Elements, BNFL-5232-RPT-TRUW-06, Rev. 2, March 2005.
4. AMWTP Waste Stream Designations, BNFL-5232-RPT-TRUW-12, Rev. 2, March 2005.
5. Estimated Earthen and Geofabric Covered TRU Waste Inventory in the TSA at Radioactive Waste Management Complex (RWMC), RWMC EDF-837, August 1995.
6. Container Inventory Report for WMF-629 thru WMF-633 (TRIPS query), December 2002.
7. Certification Plan for INEEL Contact-Handled Transuranic Waste, MP-TRUW-8.1, Rev. 7, December 2004.
8. Advanced Mixed Waste Treatment Project TRU Waste Certification, MP-TRUW-8.5, Rev. 12, January 2005.
9. Real Time Radiography Operations, INST-OI-12, Rev. 22, March 2005.
10. Visual Examination Operating Procedures and Data Reporting, INST-OI-34, Rev. 11, March 2005.
11. Drum Vent/Headspace Gas Sample Operations, INST-OI-13, Rev. 20, March 2005.
12. RCRA Statistical Sampling, MP-TRUW-8.25, Rev. 9, March 2005.
13. Waste Isolation Pilot Plant Hazardous Waste Facility Permit, New Mexico Environment Department, NM4890139088-TSDF, Current to February 2005.
14. Contact-Handled Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant, U. S. Department of Energy, Carlsbad Field Office, Waste Isolation Pilot Plant, DOE/WIPP 02-3122.
15. Quality Assurance Project Plan (QAPjP), MP-TRUW-8.2, Rev. 3, August 2004.
16. Contact-Handled Transuranic Waste Authorized Methods for Payload Control (CH-TRAMPAC), MP-TRUW-8.3, Rev. 3, December 2004.
17. Data Reconciliation, MP-TRUW-8.11, Rev. 9, January 2005.
18. Preparation of Waste Stream Profile Forms, MP-TRUW-8.14, Rev. 4, November 2004.

Description

Advanced Mixed Waste Treatment Project (AMWTP) has compiled Acceptable Knowledge (AK) information for the waste stream BN510 as required by the Waste Isolation Pilot Plant (WIPP) Waste Analysis Plan (WAP) and the Contact-Handled Transuranic Waste Acceptance Criteria (CH-WAC). In addition, AMWTP has conducted confirmatory testing and analysis using real time radiography (RTR), headspace gas sampling and analysis, and radioassay.

Headspace gas analysis is presented in Tables 1A and 1B. Table 5 lists the correlation of container numbers to characterization data packages. Table 6 presents the RTR/Visual Examination (VE) summary of prohibited items and AK confirmation. Table 7 presents the correlation between the container number and the headspace gas sample number.

The confirmatory characterization process for this waste stream will continue by conducting real time radiography (RTR), headspace gas sampling and analysis, and radioassay on a waste stream basis.

Data Results

The data in this CIS is obtained from the headspace gas sampling and is used to determine the mean concentrations and the 90% upper confidence levels (UCL_{90s}) for toxicity characteristic (TC) compounds and to conservatively assign and/or confirm hazardous waste codes for the BN510 waste stream.

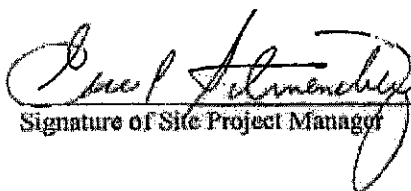
Hazardous waste numbers (HWNs) are assigned based on Acceptable Knowledge. HWNs assigned by AK are applied to the waste stream even if headspace gas analytical results for the assigned compounds are not above the program required quantification limit (PRQL). The HWN assignment for this waste stream is based on Acceptable Knowledge and includes D004 (arsenic), D005 (barium), D006 (cadmium), D007 (chromium), D008 (lead), D009 (mercury), D010 (selenium), D011 (silver), D022 (chloroform), D028 (1,2-dichloroethane), D029 (1,1-dichloroethylene), D032 (hexachlorobenzene), D040 (trichloroethylene), listed codes F001 and F002 for 1,1,1-trichloroethane, trichloroethylene, tetrachloroethylene, methylene chloride and carbon tetrachloride, listed code F005 for toluene and methyl ethyl ketone and, listed codes F006, F007 and F009.

Headspace gas results indicate that methylene chloride has UCL_{90s} above the PRQL and provide confirmation of AK application of listed code F002.

I certify by signature (below) that sufficient data have been collected to determine the following Program-required waste parameters:

WSPF# BN510

Data Quality Objective	Yes	No	N/A	Comment
1. Have all containers in the lot been assigned an appropriate Waste Matrix Code?	✓			
2. Have waste material parameter weights been established for each container in the lot?	✓			
3. Does each waste container of waste contain TRU radioactive waste?	✓			
4. Have mean concentrations, UCL ₉₀ values for the mean concentration, standard deviations, and the number of samples collected for each VOC in the headspace gas of waste containers in the waste stream lot been evaluated against the constituent hazardous waste number assignments?	✓			
5. Has the potential flammability of TRU waste headspace gases been evaluated for the lot?	✓			Containers will be evaluated on an individual basis through headspace gas and WWIS.
6. Have mean concentrations, UCL ₉₀ for the mean concentrations, standard deviations, and number of samples collected for VOCs, SVOCs, and metals in the waste stream (if applicable) lot been evaluated against the constituent hazardous waste number assignments?			✓	100% headspace gas sampling and analysis is performed. Solid sampling is not required for the BN510 waste stream.
7. Does the waste stream exhibit a toxicity characteristic (TC) under 40 CFR Part 261, Subpart C?	✓			
8. Can the waste stream be classified as hazardous or nonhazardous at the 90-percent confidence level?	✓			
9. Have a sufficient number of waste containers been visually examined (as a QC check on radiography) to determine with a reasonable level of certainty that the UCL ₉₀ for the miscertification rate is less than 14 percent for the summary category group?	✓			
10. Was an appropriate packaging configuration and Drum Age Criteria (DAC) applied and documented in the headspace gas sampling documentation and was the drum age criteria met prior to sampling?	✓			
11. Have all TTCs been appropriately identified and reported in accordance with the requirements of Section B3-1 for the lot?	✓			
12. Have the overall completeness, comparability, and representativeness QAOs been met for each of the analytical and testing procedures as specified in Sections B3-2 through B3-9 for the lot?	✓			
13. Have the PRQLs for all analyses been met for the lot?	✓			


Signature of Site Project Manager

Eric P. Schweinsberg 3/21/05
Date



**Characterization Information Summary
Report**

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WSPF Number: BN510

SQAO Lyle Hyman Date: 3/21/05
SQAO signature indicates that the information presented in this package is consistent with analytical batch reports.

SPM David Schenck Date: 3/21/05
SPM signature indicates concurrence with all information presented in this report.



**Characterization Information Summary
Report**

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Characterization Description:

Drum selection and quantity of drums for Totals Analysis; Reduced Headspace Gas Sampling; and/or Newly Generated Soils/Gravel have been evaluated and meet the requirements established in MP-TRUW-8.25, RCRA Statistical Sampling.

Y N NA

SPM Signature

Date


For "N" or "NA" provide rationale.

This waste stream has 100% headspace gas sampling and no totals analysis.

Characterization Information Summary Report

Table 1A. Headspace Gas summary data. BN510

ANALYTE	Number of Samples	# of Samples above MDL ^a	Transformation Used ^c	Maximum (ppmv)	Mean (ppmv)	Standard Deviation (ppmv)	Upper 90 % confidence limit (ppmv)	Transformed PRQL	PRQL (ppmv)	EPA Code
1,1-Dichloroethane	5	0	None	1.50	1.11	0.356	b	-	10	N/A
1,1-Dichloroethylene	5	0	None	1.40	1.10	0.274	b	-	10	D029 ^d
1,1,1-Trichloroethane	5	0	None	1.90	1.36	0.493	b	-	10	F001, F002 ^d
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0	None	1.55	1.22	0.301	b	-	10	N/A
1,1,2,2-Tetrachloroethane	5	0	None	1.55	1.19	0.329	b	-	10	N/A
1,2-Dichloroethane	5	0	None	1.55	1.19	0.329	b	-	10	D028 ^d
Acetone ^c	5	2	Natural log	3.61	2.96	0.558	3.34	4.61	100	N/A
Benzene	5	0	None	1.55	1.22	0.301	b	-	10	N/A
Bromoform	5	0	None	1.50	1.17	0.301	b	-	10	N/A
Butanol	5	0	None	14.5	12.1	2.19	b	-	100	N/A
Chlorobenzene	5	0	None	1.45	1.12	0.301	b	-	10	N/A
Carbon tetrachloride	5	0	None	1.75	1.33	0.383	b	-	10	F001 ^d
Chloroform	5	0	None	1.50	1.11	0.356	b	-	10	D022 ^d
cis-1,2-dichloroethylene	5	0	None	1.50	1.11	0.356	b	-	10	N/A
Ethyl benzene	5	0	None	1.40	1.16	0.219	b	-	10	N/A
Ethyl ether	5	0	None	1.35	1.23	0.110	b	-	10	N/A
m-Xylene/p-Xylene	5	0	None	1.45	1.06	0.356	b	-	10	N/A
Methanol ^c	5	1	Natural log	5.25	3.41	1.02	4.12	4.61	100	N/A
Methyl ethyl ketone	5	0	None	16.0	12.7	3.01	b	-	100	F005 ^d
Methyl isobutyl ketone	5	0	None	16.0	12.7	3.01	b	-	100	N/A
Methylene chloride	5	4	Natural log	4.17	1.86	1.50	2.89	2.30	10	F002 ^d
o-Xylene	5	0	None	1.40	1.13	0.246	b	-	10	N/A
Tetrachloroethylene	5	0	None	1.50	1.11	0.356	b	-	10	F001, F002 ^d
Toluene	5	3	None	5.20	3.50	1.88	4.79	-	10	F005 ^d
trans-1,2-dichloroethylene	5	0	None	1.40	1.04	0.329	b	-	10	N/A
Trichloroethylene	5	0	None	1.60	1.30	0.274	b	-	10	D040, F001, F002 ^d

 <p>Advanced Mixed Waste Treatment Plant</p>	Characterization Information Summary Report	AMWTP Form-1598 Rev. 0 MP-TRUW-0.14 Effective Date: 11/30/04 Page 7 of 17
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- a. When a measurement is reported as below detection, one-half the analysis method detection limit (MDL) is used. Note that the MDL for a given analyte may vary from sample to sample.
- b. The mean and standard deviation presented are the mean and standard deviation of the method detection limits (after dividing by 2). All measurements are below detection; therefore, the upper 90% confidence limit is not calculated.
- c. The maximum, mean, standard deviation, and UCL₉₀, and PRQL are presented as transformed values.
- d. The HWNs for these constituents are assigned based on AK. HWNs assigned by AK are applied to the waste stream even if headspace gas analytical results for the assigned compounds are not above the PRQL.
- e. The Shapiro-Wilk test for normality was applied to data prior to determination of the maximum, mean, SD, UCL₉₀, and PRQL.

Did the data verify the Acceptable Knowledge?

YES: X

NO:

If no, describe the basis for assigning the EPA Hazardous Waste Code. N/A

Statistics Performed by:

Jamara B. Jones
Signature

Date:

5/21/05



Characterization Information Summary Report

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- a. When a measurement is reported as below detection, one-half the analysis method detection limit (MDL) is used. Note that the MDL for a given analyte may vary from sample to sample.
- b. The mean and standard deviation presented are the mean and standard deviation of the method detection limits (after dividing by 2). All measurements are below detection; therefore, the upper 90% confidence limit is not calculated.
- c. The maximum, mean, standard deviation, and UCL_{90} , and PRQL are presented as transformed values.
- d. The HWNs for these constituents are assigned based on AK. HWNs assigned by AK are applied to the waste stream even if headspace gas analytical results for the assigned compounds are not above the PRQL.
- e. The Shapiro-Wilk test for normality was applied to data prior to determination of the maximum, mean, SD, UCL_{90} , and PRQL.

Did the data verify the Acceptable Knowledge?

YES: X

NO:

If no, describe the basis for assigning the EPA Hazardous Waste Code. N/A

Statistics Performed by: _____
Signature

Date: _____

Duplicate page



Characterization Information Summary Report

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Table 1B. Headspace gas summary data – tentatively identified compounds. BN510

Tentatively Identified Compound	Maximum Observed Estimated Concentrations (ppmv)	# Samples Containing TIC	# Containers in Lot	% Detected	# Containers in Waste Stream to Date	% Detected
None	N/A	N/A	N/A	N/A	N/A	N/A

Did the data verify the Acceptable Knowledge?

YES: X

NO:

If no, describe the basis for assigning the EPA Hazardous Waste Code. N/A

Verification of % Detected Calculation: N/A
Signature

Date: N/A

Characterization Information Summary Report

Table 5. Correlation of container identification numbers to data package. BN510

Container Number ^a	Headspace Gas Sampling Data Package	RTR Data Package	RA Data Package	Visual Examination Data Package	Solid Sampling Data Package	Solid Analysis Data Package
10026898 (100-gal)	HS205_00038	N/A	N/A	N/A	N/A	N/A
10003621 (55-gal)	N/A	RTR04-00395	ASY04-00698	N/A	N/A	N/A
10015651 (55-gal)	N/A	RTR04-00395	ASY04-00698	N/A	N/A	N/A
10026899 (100-gal)	HS205_00039	N/A	N/A	N/A	N/A	N/A
10000370 (55-gal)	N/A	RTR04-00394	ASY04-00670	N/A	N/A	N/A
10003670 (55-gal)	N/A	RTR04-00395	ASY04-00698	N/A	N/A	N/A
10034192 (100-gal)	HS205_00057	N/A	N/A	N/A	N/A	N/A
10030190 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00041	N/A	N/A
10030207 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00061	N/A	N/A
10033826 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00041	N/A	N/A
10033829 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00061	N/A	N/A
10033832 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00041	N/A	N/A
10033833 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00041	N/A	N/A
10033837 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00041	N/A	N/A
10034024 (55-gal)	N/A	N/A	ASY05-00082	VEB05-00081	N/A	N/A
10034193 (100-gal)	HS205_00065	N/A	N/A	N/A	N/A	N/A
10033623 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00061	N/A	N/A
10034020 (55-gal)	N/A	N/A	ASY05-00082	VEB05-00081	N/A	N/A
10034021 (55-gal)	N/A	N/A	ASY05-00082	VEB05-00101	N/A	N/A
10034022 (55-gal)	N/A	N/A	ASY05-00025	VEB05-00061	N/A	N/A
10034791 (55-gal)	N/A	N/A	ASY05-00082	VEB05-00081	N/A	N/A
10034792 (55-gal)	N/A	N/A	ASY05-00082	VEB05-00081	N/A	N/A
10034212 (100-gal)	HS205_00038	N/A	N/A	N/A	N/A	N/A
10003760 (55-gal)	N/A	RTR04-00396	ASY04-00998	N/A	N/A	N/A
10003795 (55-gal)	N/A	RTR04-00396	ASY04-00998	N/A	N/A	N/A
10003989 (55-gal)	N/A	RTR04-00394	ASY04-00998	N/A	N/A	N/A

NOTE:

- a. Container numbers are listed in a sequence with the 100-gallon container first, then subsequently listed are the corresponding 55-gallon containers that were supercompacted to pucks and placed in the 100-gallon container.

Table 6. RTR/VE summary of prohibited items and AK confirmation. BN510

Container Number	RTR Prohibited Items ^a	Visual Examination Prohibited Items ^c	AK Confirmation ^{b, d}
10036898 (100-gal)	None	N/A	Complete
10003621 (55-gal)	None	N/A	Complete
10013851 (55-gal)	None	N/A	Complete
10026899 (100-gal)	None	N/A	Complete
10000370 (55-gal)	None	N/A	Complete
10003670 (55-gal)	None	N/A	Complete
10034192 (100-gal)	N/A	None	Complete
10030190 (55-gal)	N/A	None	Complete
10030207 (55-gal)	N/A	None	Complete
10033826 (55-gal)	N/A	None	Complete
10033829 (55-gal)	N/A	None	Complete
10033832 (55-gal)	N/A	None	Complete
10033833 (55-gal)	N/A	None	Complete
10033837 (55-gal)	N/A	None	Complete
10034024 (55-gal)	N/A	None	Complete
10034193 (100-gal)	N/A	None	Complete
10033823 (55-gal)	N/A	None	Complete
10034020 (55-gal)	N/A	None	Complete
10034021 (55-gal)	N/A	None	Complete
10034022 (55-gal)	N/A	None	Complete
10034791 (55-gal)	N/A	None	Complete
10034792 (55-gal)	N/A	None	Complete
10034212 (100-gal)	None	N/A	Complete
10003760 (55-gal)	None	N/A	Complete
10003793 (55-gal)	None	N/A	Complete
10003989 (55-gal)	None	N/A	Complete

- See Table 5 for the associated RTR data packages. None of the identified containers contain prohibited items as defined by Section B-1c of the Advanced Mixed Waste Treatment Project Quality Assurance Project Plan (QAPJ), MP-TRUW-8.2.
- Acceptable Knowledge confirmation for RTR and visual examination is conducted by an Acceptable Knowledge Expert or Designee on every drum by completing a checklist for each RTR and visual batch. This checklist can be accessed through the data packages listed in Table 5.
- See Table 5 for the associated VE data packages. None of the identified containers contain prohibited items as defined by Section B-1c of the Advanced Mixed Waste Treatment Project Quality Assurance Project Plan (QAPJ), MP-TRUW-8.2.
- The absence of prohibited items is determined and documented through acceptable knowledge and confirmation activities. Radiography or visual examination is performed on each container in this waste stream as a confirmation activity.

Table 7. Sample identification number cross-correlation table. BN510

Container Number	Headspace Gas Sample Number	Solidified Sample Number(s)
10026898	HS205_00038B-03	N/A
10026899	HS205_00039B-01	N/A
10034192	HS205_00057B-03	N/A
10034193	HS205_00065B-01	N/A
10034212	HS205_00038B-01	N/A