

DOCKET NO: A-98-49
Item: II-B3-12c

INSPECTION REPORT

**INSPECTION No. EPA-WIPP-6.00-21A (Waste Emplacement)
OF THE
WASTE ISOLATION PILOT PLANT
June 20-22, 2000**

**U. S. ENVIRONMENTAL PROTECTION AGENCY
Office of Radiation and Indoor Air
Center for Federal Regulation
1200 Pennsylvania Avenue, NW
Washington, DC 20460**

August 2000

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1.0 EXECUTIVE SUMMARY

In accordance with 40 CFR 194.21, the U.S. Environmental Protection Agency (EPA or the Agency) conducted an inspection of the U.S. Department of Energy's (DOE) Waste Isolation Pilot Plant (WIPP) near Carlsbad, NM, on June 20-22, 2000. The WIPP is a disposal system for defense-related transuranic (TRU) waste as defined by the WIPP Land Withdrawal Act.¹ EPA certified that the WIPP complies with the Agency's radioactive waste disposal regulations (Subparts B and C of 40 CFR Part 191) on May 18, 1998.

Four DOE transuranic waste sites have shipped waste to the WIPP for disposal. These sites are: Los Alamos National Laboratory (LANL) in New Mexico, Rocky Flats Environmental Technology Site (RFETS) in Colorado, the Hanford Site in Washington, and Idaho National Engineering and Environmental Laboratory (INEEL). The first shipment was received by the facility in March 1999.

We inspected the WIPP to verify that waste is being emplaced in the underground facility in the manner specified in DOE's Compliance Certification Application (CCA) for the WIPP (EPA Air Docket A-93-02, Item II-G-01, and associated documents). The inspection also verified the proper emplacement of backfill material (magnesium oxide) with the waste packages. We found that waste is being emplaced in accordance with commitments made in the CCA, and identified no findings or concerns.

2.0 INSPECTION PURPOSE AND SCOPE

The purpose of this inspection was to determine whether wastes sent to the WIPP since the last inspection (September 1999) were emplaced in the underground facility in the manner specified in DOE's Compliance Certification Application for the WIPP. We performed the inspection under authority of 40 CFR 194.21, which authorizes the Agency to inspect the WIPP during its operational period to verify continued compliance with our WIPP Compliance Criteria and certification decision of May 18, 1998. Emplacement of waste, and backfill in particular, are relevant to compliance because the emplacement method supports models that DOE used in the WIPP performance assessment to understand the potential for transport of radionuclides out of the mined rooms. The WIPP site is operated by Westinghouse Waste Isolation Division (WID), under contract to DOE. The majority of waste related activities onsite are described by or controlled through WID procedures. A list of all WID procedures examined for this inspection is provided in Table A.

¹WIPP Land Withdrawal Act, Public Law 102-579, Section 2(18), as amended by the 1996 WIPP LWA Amendments, Public Law 104-201.

The activities within the scope of this inspection included:

- demonstration of the site's ability to receive, process, and emplace TRU wastes within the repository
- the use of magnesium oxide (MgO) backfill in appropriate amounts to fulfill CCA commitments
- maintenance of relevant waste packaging records, including the electronic WIPP Waste Information System (WWIS).

The inspector observed wastes that had been emplaced in the repository and reviewed records documenting that waste emplacement was conducted in accordance with procedures. To date, the wastes received at the repository are contact-handled (CH) transuranic wastes from LANL, RFETS and INEEL. These wastes are in one of two configurations: Standard Waste Boxes (SWBs) and 55-gallon (208 liter) drums assembled in groups of seven, called a Seven Pack. Both the SWB and Seven Pack have the same "footprint" —that is, they occupy equivalent floor space—and can be stacked in vertical columns as described in this report. There are other waste configurations allowable at WIPP, but they have not been employed to date and are not addressed in this report. A list of wastes emplaced in the repository as of the date of this inspection is provided in Attachment A.

Table A
Listing of WID Procedures Examined During Inspection

- *CH Waste Processing*, Technical Procedure WP 05-WH1011, Revision 8; Effective Date May 30, 2000
 - *Specification for Repackaged MgO Backfill*, Waste Isolation Pilot Plant Procedure D-0101, Revision 3, ECO Number 9753; Effective Date April 4, 2000
-

3.0 PERFORMANCE OF THE INSPECTION

A list of the emplacement inspection participants is provided in Table B.

**Table B
Inspection Participants**

INSPECTION TEAM MEMBER	POSITION	AFFILIATION
Chuck Byrum	Lead Inspector	EPA
Nick Stone	Inspector	EPA
CAO - WID PERSONNEL	POSITION	AFFILIATION
George T. Basabilvazo	CAO Compliance Team Leader	DOE/CAO
Mark Polley	CH Waste Handling Manager	Westinghouse WID-Operations
Richard Farrell	Radiation Safety Manager	DOE/CAO
Dave Speed	Lead WWIS Engineer	Westinghouse WID-Operations
Ken Mikus	WWIS Manager	Westinghouse WID-Operations

The inspection took place on June 20-22, 2000, at the WIPP facility, which is located approximately 30 miles south east of Carlsbad, NM. The inspection was part of a combined inspection that also reviewed compliance with 40 CFR 191.03 and 40 CFR 194.42. An opening meeting with CAO and WID personnel was held in the WIPP Operations Building. The afternoon was spent in the underground observing emplaced waste, monitoring devices, and recent Panel 2 excavation. Five drums of waste were identified and their drum numbers noted by the inspector for our confirmation of the effective operation of the WIPP Waste Information System (WWIS). The inspector met with Dave Speed, the lead WWIS engineer, on June 22 to evaluate the WWIS data for the identified drums. Inspectors identified no concerns or findings.

3.1 WASTE EMPLACEMENT and WWIS

The repository is subdivided into panels, each panel consisting of seven (7) rooms. Room 7, where wastes have been emplaced, is shaped like the letter U, and is divided into three (3) disposal cells, S1950, Main Room and S1600. Wastes fill the section of S1600 adjacent to Room 7 and a single row of waste have been emplaced in Room 7 proper.²

Wastes are stacked in columns (also called waste stacks) three high in any combination of SWBs and Seven Packs, both having the same "footprint." The inspector did not observe any 85 gallon drum assemblies or Ten Drum Over Packs (TDOPs), both of which have specific

² Procedure WP 05-WH1011 identifies the order of waste emplacement in the repository.

requirements regarding their placement in a column.³ There is no particular order in which SWBs and Seven Packs are stacked; wastes are emplaced as received. A series of 3 columns (9 SWB or Seven Packs total) spans the distance of the disposal cell from left to right with ample space between columns. Space between the repository wall and the waste column is left open at alternating ends, as represented in Table C below. This space is used for magnesium oxide (MgO) placement, resulting in the placement of MgO at alternating ends of each column from left to right. A second row of 3 columns is emplaced parallel to the first, but each column is staggered such that it is located between two columns from the previous row; these two left-to-right rows of three columns each (6 columns or 18 SWBs/Seven Packs) are designated a row and numbered, as shown in Table C below. This results in each waste Seven Pack or SWB having a unique identifier that indicates its location underground according to the row, the column and the position within the column (see Waste Emplacement Report, Attachment B). The inspector observed MgO in various locations around the waste stacks, as described below.

Table C
Schematic of Waste Emplacement in Columns

Column 1		Column 3		Column 5		Combination of 2 Left-Right Columns Is a Row
	Column 2		Column 4		Column 6	

The inspector randomly selected five waste containers emplaced in the repository, and WID personnel read their identification numbers off the drums. The inspector was unable to read them directly because the area adjacent to the emplaced waste was posted as a Radiation Area and access was restricted. The containers selected are identified in Table D below. The records for these containers were closely reviewed, and WID personnel were asked to verify the pertinent milestones for the waste. The specific milestones are listed in Table E and the WWIS documents are attached in Attachment B.

Table D
Randomly Selected Waste Containers Examined During Inspection

<u>Site of Origin</u>	<u>Waste Container Identifier</u>	<u>Container Type</u>
RFETS	RFD 66936	Seven Pack of 55 gallon drums
RFETS	RFD 76390	Seven Pack of 55 gallon drums
RFETS	RFD 83240	Seven Pack of 55 gallon drums
RFETS	RFD 97217	Seven Pack of 55 gallon drums
RFETS	RFD 99298	Seven Pack of 55 gallon drums

Some records were paper, while others were electronic, such as fields in the WIPP Waste

³ Due in part to their different footprint, TDOPs must be placed on the bottom of a column, and 85 gallon drum assemblies must be placed on the top level of each column.

Information System (WWIS) database. The WWIS is an on-line database system used to record, track, and document the range of activities required for shipping TRU wastes to WIPP. WID personnel stated that the reliance on electronic approvals instead of paper was deliberate and was designed to minimize the use of paper. The inspector examined the following modules:

- Characterization Module, linked to the Waste Container Data Report
- Certification Module, linked to the Acceptance Report or Rejection Report
- Shipping Module, linked to the Shipment Summary Report
- Inventory Module, linked to the Nuclide Report and Waste Emplacement Report.

Mr. Speed produced either paper or electronic records of all modules requested (copies are included in Attachment B). All records contained the required information.

Table E
Milestones for WWIS Documentation
(Example: Container RFD99298)

<u>Date</u>	<u>Milestone</u>	<u>Document</u>
5/24/00	Waste Container Certified	Waste Container Data Report
5/31/00	Waste Shipment Date	Shipment Summary Report
6/1/00	Shipment Receipt Date	Shipment Summary Report
6/15/00	Waste Emplacement Date	Waste Emplacement Report
6/15/00	Waste Location in Underground	Waste Emplacement Report
6/15/00	MgO Emplacement	Attachment 1 of WP 05-WH1011

3.2 MAGNESIUM OXIDE BACKFILL

Magnesium oxide (MgO) is used in the repository as backfill, as specified in DOE's Compliance Application (CCA). WID Procedure D-0101, *Specifications for Prepackaged MgO Backfill*, identifies the amount and specific placement of prepackaged MgO in 2 sizes (super sacks containing a minimum of 4,100 pounds and mini sacks containing a minimum of 27 pounds) for four waste configurations: 85 gallon Over Packs, Ten Drum Over Packs, Seven Packs, and Standard Waste Boxes. WID Technical Procedure WP 05-WH1011, *CH Waste Processing*, details a procedure for MgO placement and the means to document that MgO placement has been accomplished correctly (CH Waste Processing Data Sheet). The inspector observed that MgO had been placed properly in the three rows that were visible from outside the restricted access area. Completed rows have supersacks emplaced on all columns and have 11 mini sacks emplaced between the rib and end waste stacks.

4.0 SUMMARY OF RESULTS

The activities examined during the inspection were found to comply with WID procedures and with the description of waste and backfill emplacement provided in the CCA. We observed no noncompliances or activities that had the potential to compromise waste isolation.

Attachment A
Listing of TRU Wastes Emplaced at WIPP As of June 22, 2000

TRU Waste Generator Site:	<u>Los Alamos National Laboratory</u>
Waste Containers Emplaced:	Standard Waste Boxes (SWBs)
Number Emplaced:	<u>101 SWBs total (707 drum equivalents)</u>
TRU Waste Generator Site:	<u>Idaho National Engineering and Environmental Laboratory</u>
Waste Containers Emplaced:	55 gallon (208 liter) drums in Seven Pack Configuration
Number Emplaced:	<u>126 drums total</u>
TRU Waste Generator Site:	<u>Rocky Flats Environmental Technology Site</u>
Waste Containers Emplaced:	55 gallon (208 liter) drums in Seven Pack Configuration 55 gallon drums with Pipe Overpack Containers (POCs)
Number Emplaced:	<u>909 drums total</u>
Total Drum Equivalent Emplaced:	<u>1764 drums (this includes 22 dunnage drums)</u>

Attachment B
Copies of WWIS Modules Provided By CAO

Waste Isolation Pilot Plant

WWIS

Report *RP0530* *Repository Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 14:47*

Total Pages *7*

Report Criteria

Module *RP0530*

Version *1.0*

Repositor Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Container Type	Description	Containers	
		Emplaced ^{In WIPP}	Total ^{total in database}
001	55 GAL DRUM	126	138
1	55GAL DRUM	335	433
1	Dunnage: 55GAL DRUM	22	79
2	SWB	101	101
5	55 GALLON PIPE OVERPACK - 12 INCH PIPE OVERPACK	574	574
7	55 GAL DRUM - 1 TRIP <i>↑ Hanford test</i>	0	11

Repository Report

Containers by Site

Site Id :	AE	Name :	ARGONNE NATIONAL LABORATORY
Site Id :	AL	Name :	AMES LABORATORY
Site Id :	AW	Name :	ARGONNE NATIONAL LABORATORY WE
Site Id :	BC	Name :	BATTELLE COLUMBUS LABORATORY
Site Id :	BP	Name :	BATTELLE - PACIFIC NORTHWEST L
Site Id :	BT	Name :	BETTIS ATOMIC POWER LABORATORY
Site Id :	ET	Name :	ENERGY TECHNOLOGY ENGINEERING
Site Id :	HF	Name :	HANFORD(2)
Site Id :	IN	Name :	IDAHO NATIONAL ENGINEERING LAB

Specific Container Information

Container Type	Description	Container Status	Dunnage	Total Containers
001	55 GAL DRUM	Emplaced Container		126

Container Status Totals

Container Status	Total Containers
Emplaced Container	126

Site Id :	IT	Name :	INHALATION TOXICOLOGY RESEARCH
Site Id :	KA	Name :	KNOLLS ATOMIC POWER LABORATORY
Site Id :	LA	Name :	LOS ALAMOS NATIONAL LABORATORY

Specific Container Information

Container Type	Description	Container Status	Dunnage	Total Containers
2	SWB	Emplaced Container		101

Repositor Report

Containers by Site

Site Id : LA

Name : LOS ALAMOS NATIONAL LABORATORY

Specific Container Information

Container Type	Description	Container Status	Dunnage	Total Containers
2	SWB	Dunnage	*	1

Container Status Totals

Container Status	Total Containers
Emplaced Container	101

Site Id : LB

Name : LAWRENCE BERKELEY LABORATORY

Site Id : LL

Name : LAWRENCE LIVERMORE NAT'L LAB

Site Id : MD

Name : MOUND PLANT

Site Id : MU

Name : UNIVERSITY OF MISSOURI

Site Id : NR

Name : NAVAL REACTORS FACILITY

Site Id : NT

Name : NEVADA TEST SITE

Site Id : OR

Name : OAK RIDGE NATIONAL LABORATORY

Site Id : PA

Name : PADUCAH GASEOUS DIFFUSION PLAN

Site Id : PX

Name : PANTEX SITE(3)

Site Id : RF

Name : ROCKY FLATS

Specific Container Information

Container Type	Description	Container Status	Dunnage	Total Containers
1	55GAL DRUM	Approved Certification		8
1	55GAL DRUM	Approved Shipment		28
1	55GAL DRUM	Emplaced Container		335

8 - ROCKY FLATS

Repository Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Containers by Site

Site Id : RF

Name : ROCKY FLATS

Specific Container Information

Container Type	Description	Container Status	Dunnage	Total Containers
1	55GAL DRUM	Pending Characterization		51
1	55GAL DRUM	Dunnage - Emplaced	*	22
1	55GAL DRUM	Dunnage	*	49
5	55 GALLON PIPE OVERPACK - 12 INCH PIPE OVERPACK	Emplaced Container		574

RFETS
→ send to RFETS

Container Status Totals

Container Status	Total Containers
Pending Characterization	51
Approved Certification	8
Approved Shipment	28
Dunnage - Emplaced	22
Emplaced Container	909

Site Id : RL

Name : RICHLAND (HANFORD) SITE

Specific Container Information

Container Type	Description	Container Status	Dunnage	Total Containers
001	55 GAL DRUM	Approved Certification		11
001	55 GAL DRUM	Approved Characterization		1
001	55 GAL DRUM	Dunnage	*	2
1	55GAL DRUM	Approved Certification		10
1	55GAL DRUM	PreSubmit Certification		1
1	55GAL DRUM	Dunnage	*	8
7	55 GAL DRUM - 1 TRIP	Approved Certification		11

Repository Report

Containers by Site

Site Id : RL

Name : RICHLAND (HANFORD) SITE

Container Status Totals

Container Status	Total Containers
Approved Characterization	1
PreSubmit Certification	1
Approved Certification	32

Site Id : SA

Name : SANDIA NATIONAL LABORATORIES -

Site Id : SR

Name : SAVANNAH RIVER SITE

Site Id : WI

Name : WASTE ISOLATION PILOT PLANT

Repository Report

Material Parameter Totals

Material Parameter	Description	Weight(Kg)
6	CELLULOSICS	21402.05
7	RUBBER	37.83
8	PLASTICS	3018.72

Waste Isolation Pilot Plant

WWIS

Report *RP0440* *Waste Emplacement Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:16*

Total Pages *2*

Selection Criteria

Module *RP0440*
Version *1.1*
Start Date *01/01/1999*
End Date *06/21/2000*
Container Number *RFD83240* ✓
Site Id %
Panel %
Room %
Bore Hole %
Building %
Pad %

* Indicates Dunnage

Waste Emplacement Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Panel: 1

Room: 7

(Process Code: XO4)

Container Number	Site Id	Shipment Number	Assembly Id	Emplacement Date	Hazardous Codes	Matrix Code	Container Weight(Kg)	Row	Col	Ht
RFD83240	RF	RF000011	RF000150	05/19/2000		5000	113.4	27	4	B

Waste Isolation Pilot Plant
WWIS

Report *RP0360* *Waste Container Data Report*
Filename
Run by *CARTML*
Report Date *06/21/2000 13:20*
Total Pages *5*

Selection Criteria

Module *RP0360*
Version *1.2*
Container Number *RFD83240*
Site Id %
Waste Stream %
Data Status Code %

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD83240
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

WAC Ex. # :
WAC Rev # : 7
Cert Date : 05/09/2000
Cert Site : RF - ROCKY FLATS
Generator Site : RF - ROCKY FLATS
IDC Code : 0824
Matrix Code : S5111
Trucon Code : RF117A
Shipping Category : 2001700502
Pcb Conc(Ppm) : 0
Decay Heat (Watts) : 1.923E-02
Decay Heat Uncert (Watts) : 3.806E-03
Closure Date : 07/06/1994
Vent Date : 07/06/1994
Filter Install Date : 07/06/1994
Filter Model Number : NF013
Aspiration Id : N
Gas Gen Rate :
Gas Hyd Meth Gen Rate :
Gas Gen Comp Date :
Shipment Num : RF000011
Packaging Num : 132
Assembly Id : RF000150

Handling Code : CH
Waste Type Code : TRU
Wst Strm Bir Id : RFTT0824
Wst Strm Mwir Id : RF-W109
Tru Alpha Act (Ci) : 6.135E-01
Tru Alpha Act Uncert (Ci) : 2.403E-01
Tru Alpha Act Conc (Ci/g) : 7.729E-06
Tru Alpha Act Conc Uncert (Ci/g) : 3.028E-06
Pu239 Eq Act (PE Ci) : 6.405E-01
Pu239 Fiss Gm Eq (Fge) : 7.120E+00
Pu239 Fiss Gm Eq Uncert (Fge) : 1.890E+00
Layers Of Packaging : 4
Fill Factor (%) : 80
Liner Type : 1 - PLASTIC DRUM LINER
Liner Punctured : Y
Gross Weight (Kg) : 113.4
Gross Weight Uncert (Kg) : 4.54
Alpha Surf Cont (dpm/100cm2) : 16
BG Surf Cont (dpm/100cm2) : 117
Bg Dose Rate (mrem/hr) : 1
Neut Dose Rate (mrem/hr) : 1
Total Dose Rate (mrem/hr) : 2
Cntr Disposal Date : 05/19/2000
Cntr Status Code : XO4

Overpack Cntr Num :
Overpack Cntr Type :

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-238	PLUTONIUM 238	1.891E-02	1.007E-02	1.093E-03	5.820E-04	
PU-239	PLUTONIUM 239	4.453E-01	2.327E-01	7.080E+00	3.700E+00	
PU-240	PLUTONIUM 240	1.034E-01	5.405E-02	4.497E-01	2.350E-01	
PU-241	PLUTONIUM 241	1.493E+00	7.800E-01	1.436E-02	7.500E-03	
PU-242	PLUTONIUM 242	7.547E-06	4.208E-06	1.901E-03	1.060E-03	

Waste Container Data Report

WIPP Waste
Information System

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Waste Container Information

Cntr Num : RFD83240
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
AM-241	AMERICIUM 241	4.584E-02	2.394E-02	1.321E-02	6.900E-03	

Material Parameters Information

Waste Matl Parm	Description	Weight(Kg)
1	IRON BASE METAL ALLOYS	73.3
13	STEEL CONTAINER MATERIALS - KG	29
14	PLASTIC/LINERS CONTAINER MATERIALS- KG	5
6	CELLULOSICS	2.7
8	PLASTICS	3.6

Assay Methods Information

Radio Assay Method	Description	Assay Date
GRS	GAMMA-RAY SPECTROSCOPY	03/26/1999

Characterization Methods Information

Method Id	Description	Charz Method Date
RTR	REAL-TIME RADIOGRAPHY	04/19/2000

Sample Information

Sample Id : RF041200RIA242
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 04/12/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
74-82-8 - METHANE	510.1	.0007 Volume %	04/17/2000	U
1333-74-0 - HYDROGEN	510.1	.0036 Volume %	04/17/2000	U

Sample Id : RF041200ROB107
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/12/2000

Waste Container Data Report

WIPP Waste
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Waste Container Information

Cntr Num : RFD83240
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041200ROB107
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/12/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
71-36-3 - BUTANOL	L-4111	5.100	04/25/2000	D,U
		Ppm		
108-10-1 - METHYL ISOBUTYL KETONE	L-4111	2.700	04/25/2000	D,U
		Ppm		
107-06-2 - 1,2-DICHLOROETHANE	L-4111	.300	04/25/2000	D,U
		Ppm		
100-41-4 - ETHYL BENZENE	L-4111	.300	04/25/2000	D,U
		Ppm		
67-64-1 - ACETONE	L-4111	1.800	04/25/2000	D,U
		Ppm		
95-63-6 - 1,2,4-TRIMETHYLBENZENE	L-4111	.300	04/25/2000	D,U
		Ppm		
95-47-6 - O-XYLENE	L-4111	.300	04/25/2000	D,U
		Ppm		
79-34-5 - 1,1,2,2-TETRACHLOROETHANE	L-4111	.300	04/25/2000	D,U
		Ppm		
79-01-6 - TRICHLOROETHYLENE	L-4111	.300	04/25/2000	D,U
		Ppm		
78-93-3 - METHYL ETHYL KETONE	L-4111	1.800	04/25/2000	D,U
		Ppm		
76-13-1 - 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	L-4111	.300	04/25/2000	D,U
		Ppm		
75-35-4 - 1,1-DICHLOROETHYLENE	L-4111	.300	04/25/2000	D,U
		Ppm		
75-34-3 - 1,1-DICHLOROETHANE	L-4111	.300	04/25/2000	D,U
		Ppm		
75-25-2 - BROMOFORM	L-4111	.300	04/25/2000	D,U
		Ppm		
75-15-0 - CARBON DISULFIDE	L-4111	.300	04/25/2000	D,U
		Ppm		
75-09-2 - METHYLENE CHLORIDE	L-4111	.300	04/25/2000	D,U
		Ppm		
71-55-6 - 1,1,1-TRICHLOROETHANE	L-4111	.300	04/25/2000	D,U
		Ppm		
71-43-2 - BENZENE	L-4111	.300	04/25/2000	D,U
		Ppm		
108-67-8 - 1,3,5-TRIMETHYLBENZENE	L-4111	.300	04/25/2000	D,U
		Ppm		
67-56-1 - METHANOL	L-4111	9.900	04/25/2000	D,U
		Ppm		
60-29-7 - ETHYL ETHER	L-4111	.300	04/25/2000	D,U

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD83240
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041200ROB107
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/12/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
56-23-5 - CARBON TETRACHLORIDE	L-4111	.300 Ppm	04/25/2000	D,U
156-59-2 - CIS-1,2-DICHLOROETHYLENE	L-4111	.300 Ppm	04/25/2000	D,U
127-18-4 - TETRACHLOROETHYLENE	L-4111	.300 Ppm	04/25/2000	D,U
110-82-7 - CYCLOHEXANE	L-4111	.300 Ppm	04/25/2000	D,U
108383/106423 - M,P-XYLENE	L-4111	.300 Ppm	04/25/2000	D,U
108-90-7 - CHLOROBENZENE	L-4111	.300 Ppm	04/25/2000	D,U
108-88-3 - TOLUENE	L-4111	.700 Ppm	04/25/2000	J,D
67-66-3 - CHLOROFORM	L-4111	.300 Ppm	04/25/2000	D,U

Comment Information

Comment Type	Comments
SAMPLES	HEADSPACE VOC RESULTS ARE QUALIFIED WITH A "Z" FLAG DUE TO LOW RECOVERY OF 2 OF THE 9 COMPOUNDS IN THE HEADSPACE VOC FRS. ROOT CAUSE INVESTIGATION (NCR 2000-000454) SHOWS HEADSPACE VOC RESULTS WERE UNAFFECTED BY CAUSAL FACTOR RESULTING IN LOW RECOVERY OF 2 OF THE 9 COMPOUNDS IN THE FRS.
GENERAL COMMENTS	

Location Information

Panel Number	Room Number	Bore Hole Number	Building Number	Pad Number
1	7			

Waste Isolation Pilot Plant

WWIS

Report *RP0390* *Shipment Summary Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:36*

Total Pages *4*

Report Criteria

Module *RP0390*

Version *1.0*

Shipment Number: *RF000011*

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 4

Shipment/Manifest Number : **RF000011** Certification Date : **05/10/2000** Shipment Date : **05/15/2000** Receipt Date : **05/16/2000**

Site Id : **RF - ROCKY FLATS**

TRUPACT Number : **132** ICV Closure Date : **05/11/2000** DOT Description : **RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918**

Dose Rate 1m : **0** Dose Rate 2m : **0** Dose Rate Surf : **0**

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
RF000149	RFDB0082	0			.000E+00	29
	RFDB0083	0			.000E+00	29
	RFDB0084	0			.000E+00	29
	RFDB0085	0			.000E+00	29
	RFDB0086	0			.000E+00	29
	RFDB0087	0			.000E+00	29
	RFDB0088	0			.000E+00	29
	RF000150	RFD76442	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.503E-02
RFD83240		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	7.796E-02	113.4
RFD89596		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.775E-01	302.1
RFD91792		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.800E-02	112.04
RFD96906		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.003E-02	102.97
RFD99491		3		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.162E-01	95.71
RFD99815		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.369E-02	132.9
TRUPACT :				AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	4.584E-01	1170.98

Shipment Summary Report

WIPP Waste
Information System

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TRUPACT
Number : 133

ICV Closure
Date : 05/11/2000

DOT
Description : RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918

Dose
Rate 1m : 0

Dose
Rate 2m : 0

Dose Rate
Surf : 0

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
RF000151	RFD91240	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.451E-02	74.39
	RFD91672	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.177E-02	78.93
	RFD92228	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.716E-03	83.92
	RFD92807	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.588E-01	68.49
	RFD97414	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.268E-03	59.42
	RFD99241	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.736E-02	57.15
	RFD99460	15		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	7.267E-02	68.04
RF000152	RFD86888	3		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.800E-02	86.64
	RFD88623	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.403E-03	93.89
	RFD88984	2		AM-241,CO-60,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.436E-02	87.09
	RFD92765	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.998E-03	90.27
	RFD96381	21		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	7.234E-02	88.91
	RFD97208	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.591E-02	91.63
	RFD97530	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.223E-02	84.82

Shipment Summary Report

WIPP Waste
Information System

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Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
				TRUPACT : AM-241,CO-60,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	5.363E-01	1113.59
				Shipment : AM-241,CO-60,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	9.947E-01	2284.57

Attachment 1 - CH Waste Processing Data Sheet

Step No.	DESCRIPTION	INITIAL
PREREQUISITES		
7.0	TRUPACT-II SERIAL No.: <u>132</u>	WHE <u>ME</u>
PERFORMANCE		
2.1	Adequate WHO staff available.	WHE <u>ME</u>
2.2	WHB is configured for Waste Handling Mode.	WHE <u>ME</u>
2.4.19	Activity on smears and RAF is below acceptable limits.	RCT <u>By</u>
2.4.24	Activity on smears is below acceptable limits.	RCT <u>By</u>
2.5.4	Activity on smears is below acceptable limits.	RCT <u>By</u>
2.5.6	Payload inspected for damage.	WH <u>[Signature]</u>
2.5.16	Payload container numbers <u>concur</u> /do not concur with WWIS.	WH <u>[Signature]</u>
2.5.19	Activity on smears is below acceptable limits.	RCT <u>By</u>
3.1	Payload Assemblies inspected for damage (if stored > 1 shift).	WH <u>[Signature]</u>
3.2	WHB & U/G is configured for Waste Handling Mode.	WHE <u>[Signature]</u>
4.5	Completed rows have supersacks emplaced on all columns.	WH <u>[Signature]</u>
4.6	Completed rows have eleven mini sacks between the rib and waste stack.	WH <u>[Signature]</u>
4.14	Mini sacks attached to payload.	WH <u>[Signature]</u>
4.17	Completed Attachment 4	WH <u>[Signature]</u>
4.18	Activity on smears is below acceptable limits.	RCT <u>[Signature]</u>

Performers, enter printed name, signature, date, and initials:

<u>MITCH CARTER</u>	<u>[Signature]</u>	<u>5-16-00</u>	<u>ME</u>
<u>Ben Yturralde</u>	<u>[Signature]</u>	<u>5-16-00</u>	<u>By</u>
<u>Marvin S. Weiser</u>	<u>[Signature]</u>	<u>5-16-00</u>	<u>[Signature]</u>
<u>J.S. Anderson</u>	<u>[Signature]</u>	<u>5-19-00</u>	<u>[Signature]</u>
<u>TRAVIS M. CLARK</u>	<u>[Signature]</u>	<u>5-19-00</u>	<u>[Signature]</u>
<u>John Guy</u>	<u>[Signature]</u>	<u>5-19-00</u>	<u>[Signature]</u>

Printed Name Signature Date Initials

REMARKS: _____

REVIEW/VALIDATION: TRAVIS M. CLARK [Signature] 5-19-00
 WHE: (Print Name) Signature Date

Attachment 4 - Waste Emplacement Report Data Sheet

TRUPACT-II Number: 132

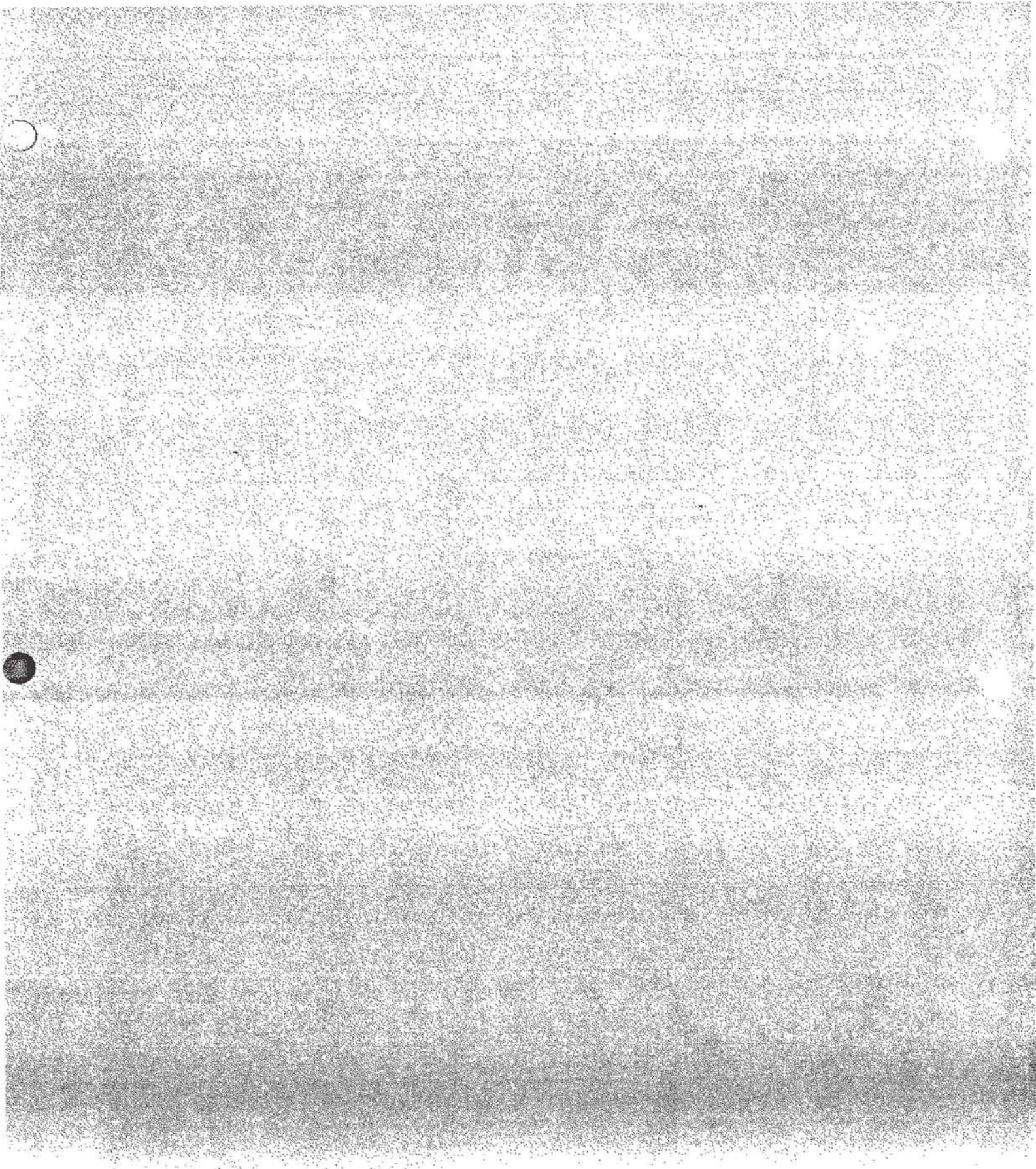
NOT USED
Stack
5-19-00

Container Number	RFD91792	
Row Number	27	
Place in the Stack (Circle Location)	Top Middle <u>Bottom</u>	Top Middle Bottom
Column (Left to Right)	1 2 3 <u>4</u> 5 6	1 2 3 4 5 6
Disposal Cell	S1600 <u>Main Room</u> S1950	S1600 Main Room S1950
Disposal Room	1 2 3 4 5 6 <u>7</u>	1 2 3 4 5 6 7
Disposal Panel	<u>1</u> 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
Disposal Date	5-19-00	

Remarks: _____

WHE Review/Validation: TRAVIS M. CURR
Printed Name

[Signature] 5-19-00
Signature Date



Waste Isolation Pilot Plant

WWIS

Report **RP0390** *Shipment Summary Report*

Filename

Run by **CARTML**

Report Date **06/21/2000 13:34**

Total Pages **4**

Report Criteria

Module **RP0390**

Version **1.0**

Shipment Number: **RF000013** ✓

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 4

Shipment/Manifest Number : **RF000013** Certification Date : **05/18/2000** Shipment Date : **05/19/2000** Receipt Date : **05/20/2000**

Site
Id : **RF - ROCKY FLATS**

TRUPACT Number : **134** ICV Closure Date : **05/18/2000** DOT Description : **RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918**

Dose Rate 1m : **0** Dose Rate 2m : **0** Dose Rate Surf : **0**

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
RF000157	RFDB0716	0			.000E+00	29
	RFDB0717	0			.000E+00	29
	RFDB0718	0			.000E+00	29
	RFDB0719	0			.000E+00	29
	RFDB0720	0			.000E+00	29
	RFDB0721	0			.000E+00	29
	RFDB0722	0			.000E+00	29
	RF000158	RFD89589	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.316E-02
RFD96893		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	5.087E-02	133.81
RFD97192		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.859E-02	123.83
RFD97217		1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.562E-03	110.22
RFD97240		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.345E-02	114.31
RFD99846		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	5.234E-02	164.66
RFD99849		2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.782E-02	109.32
TRUPACT :				AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.298E-01	1185.04

Shipment Summary Report

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Information System

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TRUPACT Number : 137	ICV Closure Date : 05/18/2000	DOT Description : RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918
Dose Rate 1m : 0	Dose Rate 2m : 0	Dose Rate Surf : 0

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)	
RF000159	RFD91814	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.371E-02	87.54	
	RFD96564	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	5.589E-02	74.84	
	RFD96566	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.194E-02	88	
	RFD97441	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.263E-02	58.97	
	RFDA4250	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.882E-03	53.52	
	RFDA4948	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.441E-02	63.96	
	RFDA4958	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.670E-02	61.69	
RF000160	RFD76590	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.937E-03	95.26	
	RFD88145	26		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.813E-02	88.45	
	RFD88985	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.750E-02	89.81	
	RFD93079	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.911E-02	88.45	
	RFD98637	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.680E-03	97.52	
	RFD98853	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.651E-02	92.53	
	RFDA1204	11		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.252E-01	94.8	
TRUPACT :					AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	6.163E-01	1135.34

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Shipment :	AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	8.461E-01	2320.38
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Waste Isolation Pilot Plant

WWIS

Report *RP0440 Waste Emplacement Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:29*

Total Pages *2*

Selection Criteria

Module	<i>RP0440</i>
Version	<i>1.1</i>
Start Date	<i>01/01/1999</i>
End Date	<i>06/21/2000</i>
Container Number	<i>RFD97217</i>
Site Id	<i>%</i>
Panel	<i>%</i>
Room	<i>%</i>
Bore Hole	<i>%</i>
Building	<i>%</i>
Pad	<i>%</i>

* Indicates Dunnage

Waste Emplacement Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 2

Panel: 1

Room: 7

(Process Code: XO4)

<u>Container Number</u>	<u>Site Id</u>	<u>Shipment Number</u>	<u>Assembly Id</u>	<u>Emplacement Date</u>	<u>Hazardous Codes</u>	<u>Matrix Code</u>	<u>Container Weight(Kg)</u>	<u>Row</u>	<u>Col</u>	<u>Ht</u>
RFD97217	RF	RF000013	RF000158	06/15/2000		5000	110.22	28	1	T

Waste Isolation Pilot Plant

WWIS

Report *RP0360* *Waste Container Data Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:23*

Total Pages *5*

Selection Criteria

Module *RP0360*

Version *1.2*

Container Number *RFD97217*

Site Id %

Waste Stream %

Data Status Code %

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD97217	Handling Code : CH
Site Id : RF - ROCKY FLATS	Waste Type Code : TRU
Data Status Code : Container Emplaced at WIPP	Wst Strm Bir Id : RFTT0824
Waste Stream Profile : RF002.01	Wst Strm Mwir Id : RF-W109
Type Code : 1 - 55GAL DRUM	
WAC Ex. # :	
WAC Rev # : 7	
Cert Date : 05/17/2000	
Cert Site : RF - ROCKY FLATS	
Generator Site : RF - ROCKY FLATS	Tru Alpha Act (Ci) : 3.317E-02
IDC Code : 0824	Tru Alpha Act Uncert (Ci) : 1.470E-02
Matrix Code : S5111	Tru Alpha Act Conc (Ci/g) : 4.353E-07
Trucon Code : RF117N	Tru Alpha Act Conc Uncert (Ci/g) : 1.929E-07
Shipping Category : 2001700481	Pu239 Eq Act (PE Ci) : 3.428E-02
Pcb Conc(Ppm) : 0	Pu239 Fiss Gm Eq (Fge) : 4.000E-01
Decay Heat (Watts) : 1.039E-03	Pu239 Fiss Gm Eq Uncert (Fge) : 1.200E-01
Decay Heat Uncert (Watts) : 2.330E-04	Layers Of Packaging : 3
Closure Date : 04/14/1999	Fill Factor (%) : 65
Vent Date : 04/14/1999	Liner Type : 1 - PLASTIC DRUM LINER
Filter Install Date : 04/14/1999	Liner Punctured : Y
Filter Model Number : NF013	Gross Weight (Kg) : 110.22
Aspiration Id : N	Gross Weight Uncert (Kg) : 4.54
Gas Gen Rate :	Alpha Surf Cont (dpm/100cm2) : 15
Gas Hyd Meth Gen Rate :	BG Surf Cont (dpm/100cm2) : 108
Gas Gen Comp Date :	Bg Dose Rate (mrem/hr) : 1
Shipment Num : RF000013	Neut Dose Rate (mrem/hr) : 0
Packaging Num : 134	Total Dose Rate (mrem/hr) : 1
Assembly Id : RF000158	Cntr Disposal Date : 06/15/2000
	Cntr Status Code : XO4
Overpack Cntr Num :	
Overpack Cntr Type :	

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-238	PLUTONIUM 238	1.072E-03	9.290E-04	6.199E-05	5.370E-05	
PU-239	PLUTONIUM 239	2.476E-02	1.428E-02	3.937E-01	2.270E-01	
PU-240	PLUTONIUM 240	5.095E-03	3.082E-03	2.215E-02	1.340E-02	
PU-241	PLUTONIUM 241	6.311E-02	7.134E-02	6.068E-04	6.860E-04	
PU-242	PLUTONIUM 242	3.428E-07	2.350E-07	8.635E-05	5.920E-05	

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
AM-241	AMERICIUM 241	2.237E-03	1.360E-03	6.447E-04	3.920E-04	

Material Parameters Information

Waste Matl Parm	Description	Weight(Kg)
14	PLASTIC/LINERS CONTAINER MATERIALS- KG	5
6	CELLULOSICS	2.7
8	PLASTICS	2.8
1	IRON BASE METAL ALLOYS	71
13	STEEL CONTAINER MATERIALS - KG	29

Assay Methods Information

Radio Assay Method	Description	Assay Date
GRS	GAMMA-RAY SPECTROSCOPY	05/03/2000

Characterization Methods Information

Method Id	Description	Charz Method Date
RTR	REAL-TIME RADIOGRAPHY	05/03/2000

Sample Information

Sample Id : RF041900RIA262
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 04/19/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
1333-74-0 - HYDROGEN	510.1	.0036 Volume %	04/20/2000	U
74-82-8 - METHANE	510.1	.0007 Volume %	04/20/2000	U

Sample Id : RF041900ROB249
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/19/2000

Waste Container Data Report

WIPP Waste
Information System

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Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041900ROB249
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/19/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
76-13-1 - 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
78-93-3 - METHYL ETHYL KETONE	L-4111	1.800 Ppm	04/29/2000	D,U
79-01-6 - TRICHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
79-34-5 - 1,1,2,2-TETRACHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
95-47-6 - O-XYLENE	L-4111	.300 Ppm	04/29/2000	D,U
95-63-6 - 1,2,4-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/29/2000	D,U
71-36-3 - BUTANOL	L-4111	5.100 Ppm	04/29/2000	D,U
100-41-4 - ETHYL BENZENE	L-4111	.300 Ppm	04/29/2000	D,U
107-06-2 - 1,2-DICHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
108-10-1 - METHYL ISOBUTYL KETONE	L-4111	2.700 Ppm	04/29/2000	D,U
108-67-8 - 1,3,5-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/29/2000	D,U
108-88-3 - TOLUENE	L-4111	.300 Ppm	04/29/2000	D,U
108-90-7 - CHLOROBENZENE	L-4111	.300 Ppm	04/29/2000	D,U
108383/106423 - M,P-XYLENE	L-4111	.300 Ppm	04/29/2000	D,U
110-82-7 - CYCLOHEXANE	L-4111	.300 Ppm	04/29/2000	D,U
127-18-4 - TETRACHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
156-59-2 - CIS-1,2-DICHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
75-35-4 - 1,1-DICHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
71-43-2 - BENZENE	L-4111	.300 Ppm	04/29/2000	D,U
71-55-6 - 1,1,1-TRICHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
75-09-2 - METHYLENE CHLORIDE	L-4111	.300	04/29/2000	D,U

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041900ROB249
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/19/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
75-15-0 - CARBON DISULFIDE	L-4111	.300 Ppm	04/29/2000	D,U
75-25-2 - BROMOFORM	L-4111	.300 Ppm	04/29/2000	D,U
75-34-3 - 1,1-DICHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
60-29-7 - ETHYL ETHER	L-4111	.300 Ppm	04/29/2000	D,U
67-56-1 - METHANOL	L-4111	9.900 Ppm	04/29/2000	D,U
67-64-1 - ACETONE	L-4111	1.800 Ppm	04/29/2000	D,U
67-66-3 - CHLOROFORM	L-4111	.300 Ppm	04/29/2000	D,U
56-23-5 - CARBON TETRACHLORIDE	L-4111	.300 Ppm	04/29/2000	D,U

Location Information

Panel Number	Room Number	Bore Hole Number	Building Number	Pad Number
1	7			

Attachment 4 - Waste Emplacement Report Data Sheet

TRUPACT-II Number: 134

NOT USED
since
6-15-00

Container Number	RFO 97217	
Row Number	28	
Place in the Stack (Circle Location)	Top Middle Bottom	Top Middle Bottom
Column (Left to Right)	① 2 3 4 5 6	1 2 3 4 5 6
Disposal Cell	S1600 Main Room S1950	S1600 Main Room S1950
Disposal Room	1 2 3 4 5 6 ⑦	1 2 3 4 5 6 7
Disposal Panel	① 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
Disposal Date	6-15-00	

Remarks: _____

WHE
Review/Validation:

TRAVIS M. CLARK
Printed Name

Signature

[Signature]

Date

6-15-00

Waste Isolation Pilot Plant

WWIS

Report *RP0390* *Shipment Summary Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:34*

Total Pages *4*

Report Criteria

Module *RP0390*

Version *1.0*

Shipment Number: *RF000013* ✓

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 4

Shipment/Manifest
Number : RF000013

Certification
Date : 05/18/2000

Shipment
Date : 05/19/2000

Receipt
Date : 05/20/2000

Site
Id : RF - ROCKY FLATS

TRUPACT
Number : 134

ICV Closure
Date : 05/18/2000

DOT
Description : RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918

Dose
Rate 1m : 0

Dose
Rate 2m : 0

Dose Rate
Surf : 0

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)	
RF000157	RFDB0716	0			.000E+00	29	
	RFDB0717	0			.000E+00	29	
	RFDB0718	0			.000E+00	29	
	RFDB0719	0			.000E+00	29	
	RFDB0720	0			.000E+00	29	
	RFDB0721	0			.000E+00	29	
	RFDB0722	0			.000E+00	29	
RF000158	RFD89589	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.316E-02	225.89	
	RFD96893	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	5.087E-02	133.81	
	RFD97192	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.859E-02	123.83	
	RFD97217	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.562E-03	110.22	
	RFD97240	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.345E-02	114.31	
	RFD99846	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	5.234E-02	164.66	
	RFD99849	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.782E-02	109.32	
TRUPACT :					AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.298E-01	1185.04

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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TRUPACT Number : 137	ICV Closure Date : 05/18/2000	DOT Description : RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918
Dose Rate 1m : 0	Dose Rate 2m : 0	Dose Rate Surf : 0

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
RF000159	RFD91814	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.371E-02	87.54
	RFD96564	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	5.589E-02	74.84
	RFD96566	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.194E-02	88
	RFD97441	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.263E-02	58.97
	RFDA4250	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.882E-03	53.52
	RFDA4948	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.441E-02	63.96
	RFDA4958	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.670E-02	61.69
RF000160	RFD76590	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.937E-03	95.26
	RFD88145	26		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.813E-02	88.45
	RFD88985	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.750E-02	89.81
	RFD93079	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.911E-02	88.45
	RFD98637	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.680E-03	97.52
	RFD98853	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.651E-02	92.53
	RFDA1204	11		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.252E-01	94.8
				TRUPACT :	6.163E-01	1135.34
				AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235		

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 4 of 4

Shipment :	AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	8.461E-01	2320.38
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Waste Isolation Pilot Plant

WWIS

Report *RP0440* *Waste Emplacement Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:29*

Total Pages *2*

Selection Criteria

Module	<i>RP0440</i>
Version	<i>1.1</i>
Start Date	<i>01/01/1999</i>
End Date	<i>06/21/2000</i>
Container Number	<i>RFD97217</i>
Site Id	%
Panel	%
Room	%
Bore Hole	%
Building	%
Pad	%

* Indicates Dunnage

Waste Emplacement Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 2

Panel: 1

Room: 7

(Process Code: XO4)

<u>Container Number</u>	<u>Site Id</u>	<u>Shipment Number</u>	<u>Assembly Id</u>	<u>Emplacement Date</u>	<u>Hazardous Codes</u>	<u>Matrix Code</u>	<u>Container Weight(Kg)</u>	<u>Row</u>	<u>Col</u>	<u>Ht</u>
RFD97217	RF	RF000013	RF000158	06/15/2000		5000	110.22	28	1	T

Waste Isolation Pilot Plant

WWIS

Report *RP0360 Waste Container Data Report*
Filename
Run by *CARTML*
Report Date *06/21/2000 13:23*
Total Pages *5*

Selection Criteria

Module *RP0360*
Version *1.2*
Container Number *RFD97217*
Site Id %
Waste Stream %
Data Status Code %

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 5

Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

WAC Ex. # :
WAC Rev # : 7
Cert Date : 05/17/2000
Cert Site : RF - ROCKY FLATS
Generator Site : RF - ROCKY FLATS
IDC Code : 0824
Matrix Code : S5111
Trucon Code : RF117N
Shipping Category : 2001700481
Pcb Conc(Ppm) : 0
Decay Heat (Watts) : 1.039E-03
Decay Heat Uncert (Watts) : 2.330E-04
Closure Date : 04/14/1999
Vent Date : 04/14/1999
Filter Install Date : 04/14/1999
Filter Model Number : NF013
Aspiration Id : N
Gas Gen Rate :
Gas Hyd Meth Gen Rate :
Gas Gen Comp Date :
Shipment Num : RF000013
Packaging Num : 134
Assembly Id : RF000158

Handling Code : CH
Waste Type Code : TRU
Wst Strm Bir Id : RFTT0824
Wst Strm Mwir Id : RF-W109
Tru Alpha Act (Ci) : 3.317E-02
Tru Alpha Act Uncert (Ci) : 1.470E-02
Tru Alpha Act Conc (Ci/g) : 4.353E-07
Tru Alpha Act Conc Uncert (Ci/g) : 1.929E-07
Pu239 Eq Act (PE Ci) : 3.428E-02
Pu239 Fiss Gm Eq (Fge) : 4.000E-01
Pu239 Fiss Gm Eq Uncert (Fge) : 1.200E-01
Layers Of Packaging : 3
Fill Factor (%) : 65
Liner Type : 1 - PLASTIC DRUM LINER
Liner Punctured : Y
Gross Weight (Kg) : 110.22
Gross Weight Uncert (Kg) : 4.54
Alpha Surf Cont (dpm/100cm2) : 15
BG Surf Cont (dpm/100cm2) : 108
Bg Dose Rate (mrem/hr) : 1
Neut Dose Rate (mrem/hr) : 0
Total Dose Rate (mrem/hr) : 1
Cntr Disposal Date : 06/15/2000
Cntr Status Code : XO4

Overpack Cntr Num :
Overpack Cntr Type :

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-238	PLUTONIUM 238	1.072E-03	9.290E-04	6.199E-05	5.370E-05	
PU-239	PLUTONIUM 239	2.476E-02	1.428E-02	3.937E-01	2.270E-01	
PU-240	PLUTONIUM 240	5.095E-03	3.082E-03	2.215E-02	1.340E-02	
PU-241	PLUTONIUM 241	6.311E-02	7.134E-02	6.068E-04	6.860E-04	
PU-242	PLUTONIUM 242	3.428E-07	2.350E-07	8.635E-05	5.920E-05	

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 3 of 5

Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
AM-241	AMERICIUM 241	2.237E-03	1.360E-03	6.447E-04	3.920E-04	

Material Parameters Information

Waste Matl Parm	Description	Weight(Kg)
14	PLASTIC/LINERS CONTAINER MATERIALS- KG	5
6	CELLULOSICS	2.7
8	PLASTICS	2.8
1	IRON BASE METAL ALLOYS	71
13	STEEL CONTAINER MATERIALS - KG	29

Assay Methods Information

Radio Assay Method	Description	Assay Date
GRS	GAMMA-RAY SPECTROSCOPY	05/03/2000

Characterization Methods Information

Method Id	Description	Charz Method Date
RTR	REAL-TIME RADIOGRAPHY	05/03/2000

Sample Information

Sample Id : RF041900RIA262
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 04/19/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
1333-74-0 - HYDROGEN	510.1	.0036 Volume %	04/20/2000	U
74-82-8 - METHANE	510.1	.0007 Volume %	04/20/2000	U

Sample Id : RF041900ROB249
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/19/2000

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 4 of 5

Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041900ROB249
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/19/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
76-13-1 - 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
78-93-3 - METHYL ETHYL KETONE	L-4111	1.800 Ppm	04/29/2000	D,U
79-01-6 - TRICHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
79-34-5 - 1,1,2,2-TETRACHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
95-47-6 - O-XYLENE	L-4111	.300 Ppm	04/29/2000	D,U
95-63-6 - 1,2,4-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/29/2000	D,U
71-36-3 - BUTANOL	L-4111	5.100 Ppm	04/29/2000	D,U
100-41-4 - ETHYL BENZENE	L-4111	.300 Ppm	04/29/2000	D,U
107-06-2 - 1,2-DICHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
108-10-1 - METHYL ISOBUTYL KETONE	L-4111	2.700 Ppm	04/29/2000	D,U
108-67-8 - 1,3,5-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/29/2000	D,U
108-88-3 - TOLUENE	L-4111	.300 Ppm	04/29/2000	D,U
108-90-7 - CHLOROBENZENE	L-4111	.300 Ppm	04/29/2000	D,U
108383/106423 - M,P-XYLENE	L-4111	.300 Ppm	04/29/2000	D,U
110-82-7 - CYCLOHEXANE	L-4111	.300 Ppm	04/29/2000	D,U
127-18-4 - TETRACHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
156-59-2 - CIS-1,2-DICHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
75-35-4 - 1,1-DICHLOROETHYLENE	L-4111	.300 Ppm	04/29/2000	D,U
71-43-2 - BENZENE	L-4111	.300 Ppm	04/29/2000	D,U
71-55-6 - 1,1,1-TRICHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
75-09-2 - METHYLENE CHLORIDE	L-4111	.300	04/29/2000	D,U

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 5 of 5

Waste Container Information

Cntr Num : RFD97217
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041900ROB249
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/19/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
75-15-0 - CARBON DISULFIDE	L-4111	.300 Ppm	04/29/2000	D,U
75-25-2 - BROMOFORM	L-4111	.300 Ppm	04/29/2000	D,U
75-34-3 - 1,1-DICHLOROETHANE	L-4111	.300 Ppm	04/29/2000	D,U
60-29-7 - ETHYL ETHER	L-4111	.300 Ppm	04/29/2000	D,U
67-56-1 - METHANOL	L-4111	9.900 Ppm	04/29/2000	D,U
67-64-1 - ACETONE	L-4111	1.800 Ppm	04/29/2000	D,U
67-66-3 - CHLOROFORM	L-4111	.300 Ppm	04/29/2000	D,U
56-23-5 - CARBON TETRACHLORIDE	L-4111	.300 Ppm	04/29/2000	D,U

Location Information

Panel Number	Room Number	Bore Hole Number	Building Number	Pad Number
1	7			

Attachment 1 - CH Waste Processing Data Sheet

Step No.	DESCRIPTION	INITIAL
PREREQUISITES		
7.0	TRUPACT-II SERIAL No.: <u>134</u>	WHE <i>gmc</i>
PERFORMANCE		
2.1	Adequate WHO staff available.	WHE <i>gmc</i>
2.2	WHB is configured for Waste Handling Mode.	WHE <i>gmc</i>
2.4.19	Activity on smears and RAF is below acceptable limits.	RCT <i>ca</i>
2.4.24	Activity on smears is below acceptable limits.	RCT <i>ca</i>
2.5.4	Activity on smears is below acceptable limits.	RCT <i>ca</i>
2.5.6	Payload inspected for damage.	WH <i>LBT</i>
2.5.16	Payload container numbers concur do not concur with WWIS.	WH <i>LBT</i>
2.5.19	Activity on smears is below acceptable limits.	RCT <i>ca</i>
3.1	Payload Assemblies inspected for damage (if stored > 1 shift).	WH <i>MC</i>
3.2	WHB & U/G is configured for Waste Handling Mode.	WHE <i>MC</i>
4.5	Completed rows have supersacks emplaced on all columns.	WH <i>gmc</i>
4.6	Completed rows have eleven mini sacks between the rib and waste stack.	WH <i>gmc</i>
4.14	Mini sacks attached to payload.	WH <i>gmc</i>
4.17	Completed Attachment 4	WH <i>gmc</i>
4.18	Activity on smears is below acceptable limits.	RCT <i>ca</i>

Performers, enter printed name, signature, date, and initials.

TRAVIS M. CURRAN	<i>[Signature]</i>	15-23-00	<i>gmc</i>
Cindy Anderson	<i>[Signature]</i>	15-24-00	<i>ca</i>
L-B. Cole	<i>[Signature]</i>	15-24-00	<i>LBT</i>
MITCH CARTER	<i>[Signature]</i>	16-15-00	<i>MC</i>

Printed Name Signature Date Initials

REMARKS:

REVIEW/VALIDATION: *TRAVIS M. CURRAN* *[Signature]* 16-15-00
 WHE: (Print Name) Signature Date

Attachment 4 - Waste Emplacement Report Data Sheet

TRUPACT-II Number: 134

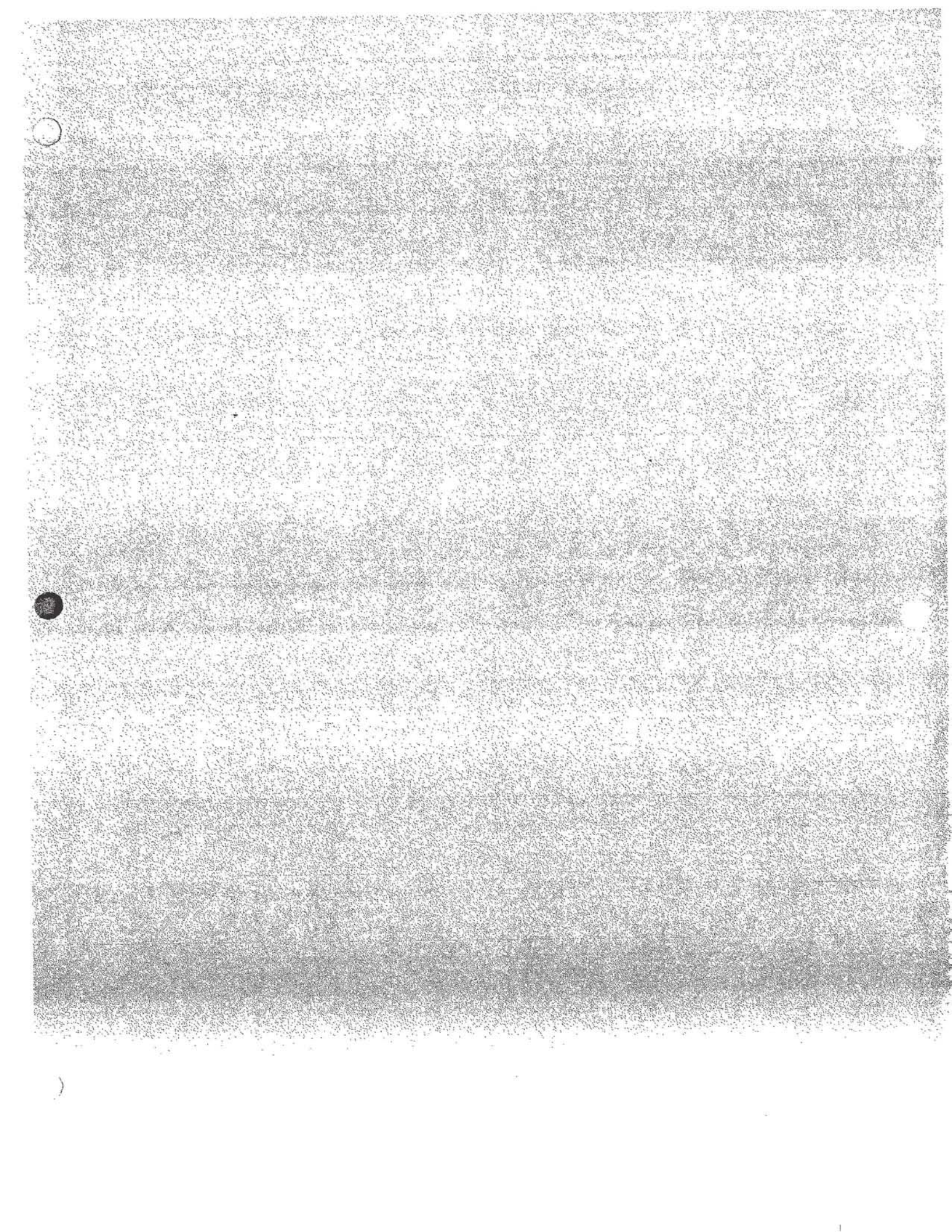
NOT USED
since
6-15-00

Container Number	RF097217	
Row Number	28	
Place in the Stack (Circle Location)	Top Middle Bottom	Top Middle Bottom
Column (Left to Right)	① 2 3 4 5 6	1 2 3 4 5 6
Disposal Cell	S1600 Main Room S1950	S1600 Main Room S1950
Disposal Room	1 2 3 4 5 6 ⑦	1 2 3 4 5 6 7
Disposal Panel	① 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
Disposal Date	6-15-00	

Remarks: _____

WHE
Review/Validation: TRAVIS M. CLARK
Printed Name

[Signature] 6-15-00
Signature Date



Waste Isolation Pilot Plant

WWIS

Report: RP0440 Waste Emplacement Report

Filename

Run by: CARTML

Report Date: 06/21/2000 13:15

Total Pages: 2

Selection Criteria

Module	RP0440
Version	1.1
Start Date	01/01/1999
End Date	06/21/2000
Container Number	RFD99298
Site Id	%
Panel	%
Room	%
Bore Hole	%
Building	%
Pad	%

* Indicates Dunnage

Waste Emplacement Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 2

Panel: 1

Room: 7

(Process Code: XO4)

Container Number	Site Id	Shipment Number	Assembly Id	Emplacement Date	Hazardous Codes	Matrix Code	Container Weight(Kg)	Row	Col	Ht
RFD99298	RF	RF000014	RF000162	06/15/2000		5000	105.23	27	6	T

Waste Isolation Pilot Plant
WWIS

Report *RP0360 Waste Container Data Report*
Filename
Run by *CARTML*
Report Date *06/21/2000 13:17*
Total Pages *5*

Selection Criteria

Module *RP0360*
Version *1.2*
Container Number *RFD99298*
Site Id *%*
Waste Stream *%*
Data Status Code *%*

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 5

Waste Container Information

Cntr Num : RFD99298
 Site Id : RF - ROCKY FLATS
 Data Status Code : Container Emplaced at WIPP
 Waste Stream Profile : RF002.01
 Type Code : 1 - 55GAL DRUM

WAC Ex. # :
 WAC Rev # : 7 *for container*
 Cert Date : 05/24/2000
 Cert Site : RF - ROCKY FLATS

Generator Site : RF - ROCKY FLATS
 IDC Code : 0824
 Matrix Code : S5111
 Trucon Code : RF117A
 Shipping Category : 2001700502

Pcb Conc(Ppm) : 0

Decay Heat (Watts) : 8.484E-03
 Decay Heat Uncert (Watts) : 1.505E-03

Closure Date : 07/06/1999

Vent Date : 07/06/1999

Filter Install Date : 07/06/1999

Filter Model Number : NF013

Aspiration Id : N

Gas Gen Rate :

Gas Hyd Meth Gen Rate :

Gas Gen Comp Date :

Shipment Num : RF000014

Packaging Num : 125

Assembly Id : RF000162

Handling Code : CH
 Waste Type Code : TRU
 Wst Strm Bir Id : RFTT0824
 Wst Strm Mwir Id : RF-W109

Tru Alpha Act (Ci) : 2.704E-01
 Tru Alpha Act Uncert (Ci) : 9.497E-02
 Tru Alpha Act Conc (Ci/g) : 3.797E-06
 Tru Alpha Act Conc Uncert (Ci/g) : 1.334E-06
 Pu239 Eq Act (PE Ci) : 2.798E-01
 Pu239 Fiss Gm Eq (Fge) : 3.110E+00
 Pu239 Fiss Gm Eq Uncert (Fge) : 7.400E-01

Layers Of Packaging : 4

Fill Factor (%) : 90

Liner Type : 1 - PLASTIC DRUM LINER

Liner Punctured : Y

Gross Weight (Kg) : 105.23

Gross Weight Uncert (Kg) : 4.54

Alpha Surf Cont (dpm/100cm2) : 14

BG Surf Cont (dpm/100cm2) : 87

Bg Dose Rate (mrem/hr) : 1

Neut Dose Rate (mrem/hr) : 1

Total Dose Rate (mrem/hr) : 2

Cntr Disposal Date : 06/15/2000 *emplacement date*

Cntr Status Code : X04

Overpack Cntr Num :

Overpack Cntr Type :

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-238	PLUTONIUM 238	7.711E-03	4.602E-03	4.457E-04	2.660E-04	
PU-239	PLUTONIUM 239	1.947E-01	9.183E-02	3.096E+00	1.460E+00	
PU-240	PLUTONIUM 240	4.207E-02	2.019E-02	1.829E-01	8.780E-02	
PU-241	PLUTONIUM 241	5.273E-01	3.474E-01	5.070E-03	3.340E-03	
PU-242	PLUTONIUM 242	3.101E-06	1.663E-06	7.812E-04	4.190E-04	

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 3 of 5

Waste Container Information

Cntr Num : RFD99298
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
AM-241	AMERICIUM 241	2.587E-02	1.253E-02	7.456E-03	3.610E-03	

Material Parameters Information

Waste Matl Parm	Description	Weight(Kg)
1	IRON BASE METAL ALLOYS	65.8
13	STEEL CONTAINER MATERIALS - KG	29
14	PLASTIC/LINERS CONTAINER MATERIALS- KG	5
6	CELLULOSICS	2.7
8	PLASTICS	3

Assay Methods Information

Radio Assay Method	Description	Assay Date
GRS	GAMMA-RAY SPECTROSCOPY	05/19/2000

Characterization Methods Information

Method Id	Description	Charz Method Date
RTR	REAL-TIME RADIOGRAPHY	05/09/2000

Sample Information

Sample Id : RF041200RIA033
Layer No Sampled : 0

Sample Type : HGHM
Date Sampled : 04/12/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
1333-74-0 - HYDROGEN	510.1	.0018 Volume %	04/17/2000	U
74-82-8 - METHANE	510.1	.0010 Volume %	04/17/2000	U

Sample Id : RF041200ROB179
Layer No Sampled : 0

Sample Type : HGVO
Date Sampled : 04/12/2000

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD99298
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041200ROB179
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/12/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
75-34-3 - 1,1-DICHLOROETHANE	L-4111	.300 Ppm	04/26/2000	D,U
75-35-4 - 1,1-DICHLOROETHYLENE	L-4111	.300 Ppm	04/26/2000	D,U
76-13-1 - 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	L-4111	.300 Ppm	04/26/2000	D,U
78-93-3 - METHYL ETHYL KETONE	L-4111	1.800 Ppm	04/26/2000	D,U
79-01-6 - TRICHLOROETHYLENE	L-4111	.300 Ppm	04/26/2000	D,U
79-34-5 - 1,1,2,2-TETRACHLOROETHANE	L-4111	.300 Ppm	04/26/2000	D,U
95-47-6 - O-XYLENE	L-4111	.300 Ppm	04/26/2000	D,U
95-63-6 - 1,2,4-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/26/2000	D,U
75-25-2 - BROMOFORM	L-4111	.300 Ppm	04/26/2000	D,U
107-06-2 - 1,2-DICHLOROETHANE	L-4111	.300 Ppm	04/26/2000	D,U
108-10-1 - METHYL ISOBUTYL KETONE	L-4111	2.700 Ppm	04/26/2000	D,U
108-67-8 - 1,3,5-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/26/2000	D,U
108-88-3 - TOLUENE	L-4111	.600 Ppm	04/26/2000	J,D
108-90-7 - CHLOROBENZENE	L-4111	.300 Ppm	04/26/2000	D,U
108383/106423 - M,P-XYLENE	L-4111	.300 Ppm	04/26/2000	D,U
110-82-7 - CYCLOHEXANE	L-4111	.300 Ppm	04/26/2000	D,U
127-18-4 - TETRACHLOROETHYLENE	L-4111	.300 Ppm	04/26/2000	D,U
156-59-2 - CIS-1,2-DICHLOROETHYLENE	L-4111	.300 Ppm	04/26/2000	D,U
56-23-5 - CARBON TETRACHLORIDE	L-4111	.300 Ppm	04/26/2000	D,U
60-29-7 - ETHYL ETHER	L-4111	.300 Ppm	04/26/2000	D,U
67-56-1 - METHANOL	L-4111	9.900	04/26/2000	D,U

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD99298
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF041200ROB179
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 04/12/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
67-64-1 - ACETONE	L-4111	1.800 Ppm	04/26/2000	D,U
67-66-3 - CHLOROFORM	L-4111	.300 Ppm	04/26/2000	D,U
71-36-3 - BUTANOL	L-4111	5.100 Ppm	04/26/2000	D,U
71-43-2 - BENZENE	L-4111	.300 Ppm	04/26/2000	D,U
71-55-6 - 1,1,1-TRICHLOROETHANE	L-4111	.300 Ppm	04/26/2000	D,U
75-09-2 - METHYLENE CHLORIDE	L-4111	.300 Ppm	04/26/2000	D,U
75-15-0 - CARBON DISULFIDE	L-4111	.300 Ppm	04/26/2000	D,U
100-41-4 - ETHYL BENZENE	L-4111	.300 Ppm	04/26/2000	D,U

Comment Information

Comment Type	Comments
SAMPLES	HEADSPACE VOC RESULTS ARE QUALIFIED WITH A "Z" FLAG DUE TO LOW RECOVERY OF 2 OF THE 9 COMPOUNDS IN THE HEADSPACE VOC FRS. ROOT CAUSE INVESTIGATION (NCR 2000-000454) SHOWS HEADSPACE VOC RESULTS WERE UNAFFECTED BY CAUSAL FACTOR RESULTING IN LOW RECOVERY OF 2 OF THE 9 COMPOUNDS IN THE FRS.
GENERAL COMMENTS	

Location Information

Panel Number	Room Number	Bore Hole Number	Building Number	Pad Number
1	7			

**Waste Isolation Pilot Plant
WWIS**

Report *RP0390* *Shipment Summary Report*
Filename
Run by *CARTML*
Report Date *06/21/2000 13:37*
Total Pages *4*

Report Criteria

Module *RP0390*
Version *1.0*
Shipment Number: *RF000014*

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 4

Shipment/Manifest
Number : **RF000014**

Certification
Date : **05/25/2000**

Shipment
Date : **05/31/2000**

Receipt
Date : **06/01/2000**

Site
Id : **RF - ROCKY FLATS**

TRUPACT
Number : **125**

ICV Closure
Date : **05/30/2000** Description : **RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918**

Dose
Rate 1m : **0**

Dose
Rate 2m : **0**

Dose Rate
Surf : **0**

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)	
RF000161	RFDB0726	0			.000E+00	29	
	RFDB0727	0			.000E+00	29	
	RFDB0728	0			.000E+00	29	
	RFDB0729	0			.000E+00	29	
	RFDB0730	0			.000E+00	29	
	RFDB0731	0			.000E+00	29	
	RFDB0732	0			.000E+00	29	
RF000162	RFD87886	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.001E-02	84.37	
	RFD88779	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	4.858E-02	107.96	
	RFD93076	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.082E-02	87.09	
	RFD96886	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.619E-02	83.01	
	RFD97211	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.277E-02	108.86	
	RFD99298	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.951E-02	105.23	
	RFD99773	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	6.429E-03	155.58	
TRUPACT :					AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.643E-01	935.1

Shipment Summary Report

WIPP Waste
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TRUPACT Number : 135	ICV Closure Date : 05/30/2000	DOT Description : RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918
Dose Rate 1m : 0	Dose Rate 2m : 0	Dose Rate Surf : 0

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)	
RF000163	RFD85368	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.724E-02	59.42	
	RFD97070	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	3.509E-03	63.05	
	RFD97397	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.748E-03	49.9	
	RFD97404	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.511E-02	63.5	
	RFD97944	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.326E-03	61.24	
	RFDA2319	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.858E-02	60.78	
	RFDA2332	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.896E-02	60.78	
RF000164	RFD83112	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	7.133E-02	68.04	
	RFD85625	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	1.476E-02	64.86	
	RFD88632	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.844E-02	68.04	
	RFD89598	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.910E-03	67.59	
	RFD97431	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.022E-02	64.86	
	RFD99225	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.317E-01	70.31	
	RFDA4263	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.387E-03	64.86	
TRUPACT :					AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	4.452E-01	887.23

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 4 of 4

Shipment :	AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	7.095E-01	1822.33
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Attachment 1 - CH Waste Processing Data Sheet

Step No.	DESCRIPTION	INITIAL
PREREQUISITES		
1.0	TRUPACT-II SERIAL No.: <u>125</u>	WHE <i>ME</i>
2.0	Shipping documents validated, TRUPACT-II(s) inspected and released for processing	WHE <i>ME</i>
PERFORMANCE		
2.1	Adequate WHO staff available.	WHE <i>ME</i>
2.2	WHB is configured for Waste Handling Mode.	WHE <i>ME</i>
2.4.17	Activity on smears of OCA lid interior, top of ICV lid, RAF assembly and RAF is below acceptable limits.	RCT <i>GG</i>
2.4.26	Activity on smears of ICV lid interior and top of payload is below acceptable limits.	RCT <i>GG</i>
2.5.9	Activity on smears of payload and payload assembly is below acceptable limits.	RCT <i>GG</i>
2.5.13	Payload inspected for damage.	WH <i>JH</i>
2.5.23	Payload container numbers <u>concur</u> do not concur with WWIS.	WH <i>JH</i>
2.5.26	Activity on smears of lower areas of payload and ICV interior is below acceptable limits.	RCT <i>GG</i>
3.1	Payload Assemblies inspected for damage (if stored > 1 shift).	WH <i>ME</i>
3.2	WHB & U/G is configured for Waste Handling Mode.	WHE <i>ME</i>
4.5	Completed rows have necessary backfill emplaced.	WHE <i>SMC</i>
4.13	Mini sacks attached to payload.	WH <i>SMC</i>
4.16	Completed Attachment 4	WH <i>SMC</i>
4.17	Activity on smears of TRUPACT-II pallet is below acceptable limits.	RCT <i>ca</i>

Performers, enter printed name, signature, date, and initials:

<u>MITCH CARTER</u>	<u>Mitch Carter</u>	<u>1</u>	<u>6-1-00</u>	<u>ME</u>
<u>Coleen Galloway</u>	<u>Coleen Galloway</u>	<u>1</u>	<u>6-1-00</u>	<u>GG</u>
<u>Jack Hollen</u>	<u>Jack Hollen</u>	<u>1</u>	<u>6-1-00</u>	<u>JH</u>
<u>TRAVIS M. CARTER</u>	<u>Travis M. Carter</u>	<u>1</u>	<u>6-15-00</u>	<u>SMC</u>
<u>Cindy Anderson</u>	<u>Cindy Anderson</u>	<u>1</u>	<u>6-15-00</u>	<u>ca</u>

Printed Name _____ Signature _____ Date _____ Initials _____

REMARKS: _____

REVIEW/VALIDATION: TRAVIS M. CARTER Travis M. Carter 1 6-15-00
 WHE: (Print Name) Signature Date

Attachment 4 - Waste Emplacement Report Data Sheet

TRUPACT-II Number: 125

NOT THE USED 6-15-00

Container Number	RFD 87886	
Row Number	27	
Place in the Stack (Circle Location)	Top Middle Bottom	Top Middle Bottom
Column (Left to Right)	1 2 3 4 5 6 (7)	1 2 3 4 5 6
Disposal Cell	S1600 Main Room S1950	S1600 Main Room S1950
Disposal Room	1 2 3 4 5 6 (7)	1 2 3 4 5 6 7
Disposal Panel	(1) 2 3 4 5 6 7 8	1 2 3 4 5 6 7 8
Disposal Date	6-15-00	

Remarks: _____

WHE Review/Validation: TRAVIS M. CLARK
Printed Name

[Signature] 6-15-00
Signature Date

Waste Isolation Pilot Plant

WWIS

Report: **RP0440** Waste Emplacement Report

Filename:

Run by: **CARTML**

Report Date: **06/21/2000 13:32**

Total Pages: **2**

Selection Criteria

Module	RP0440
Version	1.1
Start Date	01/01/1999
End Date	06/21/2000
Container Number	RFD66936
Site Id	%
Panel	%
Room	%
Bore Hole	%
Building	%
Pad	%

* Indicates Dunnage

Waste Emplacement Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 2

Panel: 1

Room: 7

(Process Code: XO4)

Container Number	Site Id	Shipment Number	Assembly Id	Emplacement Date	Hazardous Codes	Matrix Code	Container Weight(Kg)	Row	Col	Ht
RFD66936	RF	RF000002	RF000117	04/12/2000		5000	60.33	24	2	M

Waste Isolation Pilot Plant

WWIS

Report *RP0360 Waste Container Data Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:27*

Total Pages *5*

Selection Criteria

Module *RP0360*

Version *1.2*

Container Number *RFD66936*

Site Id %

Waste Stream %

Data Status Code %

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD66936
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

WAC Ex. # :
WAC Rev # : 7
Cert Date : 03/14/2000
Cert Site : RF - ROCKY FLATS
Generator Site : RF - ROCKY FLATS
IDC Code : 0480
Matrix Code : S5111
Trucon Code : RF117A
Shipping Category : 2001700502
Pcb Conc(Ppm) : 0
Decay Heat (Watts) : 1.511E-03
Decay Heat Uncert (Watts) : 2.690E-04
Closure Date : 05/30/1989
Vent Date : 02/26/1998
Filter Install Date : 02/26/1998
Filter Model Number : NF013
Aspiration Id : 3
Gas Gen Rate :
Gas Hyd Meth Gen Rate :
Gas Gen Comp Date :
Shipment Num : RF000002
Packaging Num : 131
Assembly Id : RF000117

Handling Code : CH
Waste Type Code : TRU
Wst Strm Bir Id : RFTT0480
Wst Strm Mwir Id : RF-W109
Tru Alpha Act (Ci) : 4.831E-02
Tru Alpha Act Uncert (Ci) : 1.698E-02
Tru Alpha Act Conc (Ci/g) : 1.836E-06
Tru Alpha Act Conc Uncert (Ci/g) : 6.454E-07
Pu239 Eq Act (PE Ci) : 5.021E-02
Pu239 Fiss Gm Eq (Fge) : 5.800E-01
Pu239 Fiss Gm Eq Uncert (Fge) : 1.300E-01
Layers Of Packaging : 4
Fill Factor (%) : 30
Liner Type : 1 - PLASTIC DRUM LINER
Liner Punctured : Y
Gross Weight (Kg) : 60.33
Gross Weight Uncert (Kg) : 4.54
Alpha Surf Cont (dpm/100cm2) : 14
BG Surf Cont (dpm/100cm2) : 93
Bg Dose Rate (mrem/hr) : 1
Neut Dose Rate (mrem/hr) : 1
Total Dose Rate (mrem/hr) : 2
Cntr Disposal Date : 04/12/2000
Cntr Status Code : XO4

Overpack Cntr Num :
Overpack Cntr Type :

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
AM-241	AMERICIUM 241	2.773E-03	1.280E-03	7.990E-04	3.690E-04	
PU-238	PLUTONIUM 238	1.088E-03	7.197E-04	6.290E-05	4.160E-05	
PU-239	PLUTONIUM 239	3.617E-02	1.648E-02	5.750E-01	2.620E-01	
PU-240	PLUTONIUM 240	8.280E-03	3.818E-03	3.600E-02	1.660E-02	
PU-241	PLUTONIUM 241	1.039E-01	4.774E-02	9.990E-04	4.590E-04	

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD66936
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-242	PLUTONIUM 242	5.121E-07	2.628E-07	1.290E-04	6.620E-05	

Material Parameters Information

Waste Matl Parm	Description	Weight(Kg)
1	IRON BASE METAL ALLOYS	21.3
13	STEEL CONTAINER MATERIALS - KG	29
14	PLASTIC/LINERS CONTAINER MATERIALS- KG	5
6	CELLULOSICS	2.7
8	PLASTICS	2.5

Assay Methods Information

Radio Assay Method	Description	Assay Date
GRS	GAMMA-RAY SPECTROSCOPY	05/18/1998

Characterization Methods Information

Method Id	Description	Charz Method Date
RTR	REAL-TIME RADIOGRAPHY	02/15/2000
VISUAL	VISUAL CHARACTERIZATION METHOD	02/23/2000

Sample Information

Sample Id : RF022698RIA074
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 02/26/1998

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
1333-74-0 - HYDROGEN	510.1	.0026 Volume %	05/19/1998	U
74-82-8 - METHANE	510.1	.0018 Volume %	05/19/1998	U

Sample Id : RF022200ROB037
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 02/22/2000

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 4 of 5

Waste Container Information

Cntr Num : RFD66936
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF022200ROB037
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 02/22/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
127-18-4 - TETRACHLOROETHYLENE	L-4111	.300	03/02/2000	D,U
		Ppm		
156-59-2 - CIS-1,2-DICHLOROETHYLENE	L-4111	.300	03/02/2000	D,U
		Ppm		
108383/106423 - M,P-XYLENE	L-4111	.300	03/02/2000	D,U
		Ppm		
60-29-7 - ETHYL ETHER	L-4111	.300	03/02/2000	D,U
		Ppm		
67-56-1 - METHANOL	L-4111	9.900	03/02/2000	D,U
		Ppm		
67-64-1 - ACETONE	L-4111	1.800	03/02/2000	D,U
		Ppm		
67-66-3 - CHLOROFORM	L-4111	.300	03/02/2000	D,U
		Ppm		
71-36-3 - BUTANOL	L-4111	5.100	03/02/2000	D,U
		Ppm		
71-43-2 - BENZENE	L-4111	.300	03/02/2000	D,U
		Ppm		
71-55-6 - 1,1,1-TRICHLOROETHANE	L-4111	.300	03/02/2000	D,U
		Ppm		
75-09-2 - METHYLENE CHLORIDE	L-4111	.300	03/02/2000	D,U
		Ppm		
75-15-0 - CARBON DISULFIDE	L-4111	.300	03/02/2000	D,U
		Ppm		
75-25-2 - BROMOFORM	L-4111	.300	03/02/2000	D,U
		Ppm		
75-34-3 - 1,1-DICHLOROETHANE	L-4111	.300	03/02/2000	D,U
		Ppm		
75-35-4 - 1,1-DICHLOROETHYLENE	L-4111	.300	03/02/2000	D,U
		Ppm		
76-13-1 - 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	L-4111	.300	03/02/2000	D,U
		Ppm		
78-93-3 - METHYL ETHYL KETONE	L-4111	1.800	03/02/2000	D,U
		Ppm		
79-01-6 - TRICHLOROETHYLENE	L-4111	.300	03/02/2000	D,U
		Ppm		
79-34-5 - 1,1,2,2-TETRACHLOROETHANE	L-4111	.300	03/02/2000	D,U
		Ppm		
95-47-6 - O-XYLENE	L-4111	.300	03/02/2000	D,U
		Ppm		
56-23-5 - CARBON TETRACHLORIDE	L-4111	.300	03/02/2000	D,U

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD66936
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF022200ROB037
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 02/22/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
100-41-4 - ETHYL BENZENE	L-4111	.300 Ppm	03/02/2000	D,U
107-06-2 - 1,2-DICHLOROETHANE	L-4111	.300 Ppm	03/02/2000	D,U
108-10-1 - METHYL ISOBUTYL KETONE	L-4111	2.700 Ppm	03/02/2000	D,U
108-88-3 - TOLUENE	L-4111	.300 Ppm	03/02/2000	D,U
108-90-7 - CHLOROBENZENE	L-4111	.300 Ppm	03/02/2000	D,U

Sample Id : RF022200RIA044
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 02/22/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
1333-74-0 - HYDROGEN	510.1	.0018 Volume %	02/24/2000	U
74-82-8 - METHANE	510.1	.0010 Volume %	02/24/2000	U

Comment Information

Comment Type	Comments
SAMPLES	HOLDING TIMES EXCEEDED FOR INITIAL HYDROGEN/METHANE ANALYSIS DUE TO INSTRUMENT PROBLEMS. REQUIREMENT IS AN ADMINISTRATIVE REQUIREMENT AND DOES NOT AFFECT DATA QUALITY. SEE DISCUSSION IN METHOD 510.1.

Location Information

Panel Number	Room Number	Bore Hole Number	Building Number	Pad Number
1	7			

Waste Isolation Pilot Plant

WWIS

Report: RP0390 Shipment Summary Report

Filename

Run by CARTML

Report Date 06/21/2000 13:33

Total Pages 3

Report Criteria

Module RP0390

Version 1.0

Shipment Number: RF000002

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 3

Shipment/Manifest
Number : **RF000002**

Certification
Date : **03/15/2000**

Shipment
Date : **03/17/2000**

Receipt
Date : **03/18/2000**

Site
Id : **RF - ROCKY FLATS**

TRUPACT
Number : **131**

ICV Closure Date : **03/15/2000** DOT Description : **RQ, RADIOACTIVE MATERIAL FISSILE, N.O.S.,7, UN2918**

Dose
Rate 1m : **0**

Dose
Rate 2m : **0**

Dose Rate
Surf : **0**

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
RF000117	RFD36606	3		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.212E-02	52.16
	RFD66075	4		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.199E-02	66.23
	RFD66936	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	5.632E-03	60.33
	RFD68866	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.152E-01	54.89
	RFD80396	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.722E-03	64.86
	RFD81075	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.139E-03	68.04
	RFD86673	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.241E-03	52.16
RF000118	RFD66795	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.983E-03	102.97
	RFD68443	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.199E-02	96.16
	RFD68450	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.437E-03	108.41
	RFD69438	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	4.885E-03	73.94
	RFD70132	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	5.403E-04	72.58
	RFD70498	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.275E-03	107.5
	RFD72774	2		AM-241,PU-238,PU-239,PU-	1.013E-02	78.47

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
				TRUPACT : AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.923E-01	1058.7
				Shipment : AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.923E-01	1058.7

Attachment 4 - Waste Emplacement Report Data Sheet

TRUPACT-II Number: 131

	RFD 86673 RBV 4-12-00	RFD 86673
Container Number	RFD 86673	RFD 68443
Row Number	24	24
Place in the Stack (Circle Location)	Top <u>Middle</u> Bottom	Top Middle <u>Bottom</u>
Column (Left to Right)	1 <u>2</u> 3 4 5 6	1 <u>2</u> 3 4 5 6
Disposal Cell	<u>S1600</u> Main Room S1950	<u>S1600</u> Main Room S1950
Disposal Room	1 2 3 4 5 6 <u>7</u>	1 2 3 4 5 6 <u>7</u>
Disposal Panel	<u>1</u> 2 3 4 5 6 7 8	<u>1</u> 2 3 4 5 6 7 8
Disposal Date	04-12-00	04-12-00

Remarks: _____

WHE
 Review/Validation: TRAVIS M. CLARK
 Printed Name

[Signature] 4-13-00
 Signature Date

Waste Isolation Pilot Plant

WWIS

Report *RP0440 Waste Emplacement Report*
Filename
Run by *CARTML*
Report Date *06/21/2000 13:30*
Total Pages *2*

Selection Criteria

Module *RP0440*
Version *1.1*
Start Date *01/01/1999*
End Date *06/21/2000*
Container Number *RFD76390* ✓
Site Id %
Panel %
Room %
Bore Hole %
Building %
Pad %

* Indicates Dunnage

Waste Emplacement Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

Page 2 of 2

Panel: 1

Room: 7

(Process Code: XO4)

Container Number	Site Id	Shipment Number	Assembly Id	Emplacement Date	Hazardous Codes	Matrix Code	Container Weight(Kg)	Row	Col	Ht
RFD76390	RF	RF000009	RF000140	05/11/2000		5000	96.16	25	5	B

Waste Isolation Pilot Plant

WWIS

Report *RP0360 Waste Container Data Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:26*

Total Pages *6*

Selection Criteria

Module *RP0360*

Version *1.2*

Container Number *RFD76390*

Site Id %

Waste Stream %

Data Status Code %

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD76390	Handling Code : CH
Site Id : RF - ROCKY FLATS	Waste Type Code : TRU
Data Status Code : Container Emplaced at WIPP	Wst Strm Bir Id : RFTT0480
Waste Stream Profile : RF002.01	Wst Strm Mwir Id : RF-W109
Type Code : 1 - 55GAL DRUM	
WAC Ex. # :	
WAC Rev # : 7	
Cert Date : 05/03/2000	
Cert Site : RF - ROCKY FLATS	
Generator Site : RF - ROCKY FLATS	Tru Alpha Act (Ci) : 6.654E-01
IDC Code : Q480	Tru Alpha Act Uncert (Ci) : 1.356E-01
Matrix Code : S5111	Tru Alpha Act Conc (Ci/g) : 1.071E-05
Trucon Code : RF117A	Tru Alpha Act Conc Uncert (Ci/g) : 2.181E-06
Shipping Category : 2001700502	Pu239 Eq Act (PE Ci) : 6.919E-01
Pcb Conc(Ppm) : 0	Pu239 Fiss Gm Eq (Fge) : 7.560E+00
Decay Heat (Watts) : 2.088E-02	Pu239 Fiss Gm Eq Uncert (Fge) : 1.070E+00
Decay Heat Uncert (Watts) : 2.145E-03	Layers Of Packaging : 4
Closure Date : 01/16/1992	Fill Factor (%) : 70
Vent Date : 05/21/1998	Liner Type : 1 - PLASTIC DRUM LINER
Filter Install Date : 05/21/1998	Liner Punctured : Y
Filter Model Number : NF013	Gross Weight (Kg) : 96.16
Aspiration Id : 3	Gross Weight Uncert (Kg) : 4.54
Gas Gen Rate :	Alpha Surf Cont (dpm/100cm2) : 11
Gas Hyd Meth Gen Rate :	BG Surf Cont (dpm/100cm2) : 89
Gas Gen Comp Date :	Bg Dose Rate (mrem/hr) : 1
Shipment Num : RF000009	Neut Dose Rate (mrem/hr) : 0
Packaging Num : 131	Total Dose Rate (mrem/hr) : 1
Assembly Id : RF000140	
	Cntr Disposal Date : 05/11/2000
	Cntr Status Code : XO4
Overpack Cntr Num :	
Overpack Cntr Type :	

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-242	PLUTONIUM 242	8.139E-06	7.622E-07	2.050E-03	1.920E-04	
AM-241	AMERICIUM 241	5.899E-02	5.517E-03	1.700E-02	1.590E-03	
PU-241	PLUTONIUM 241	1.498E+00	1.404E-01	1.440E-02	1.350E-03	
PU-238	PLUTONIUM 238	2.457E-02	2.301E-03	1.420E-03	1.330E-04	
PU-239	PLUTONIUM 239	4.730E-01	1.321E-01	7.520E+00	2.100E+00	

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD76390
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Nuclide Information

Radionuclide	Description	Activity(Ci)	Activity Uncert(Ci)	Mass(G)	Mass Uncert(G)	List
PU-240	PLUTONIUM 240	1.088E-01	2.990E-02	4.730E-01	1.300E-01	

Material Parameters Information

Waste Matl Parm	Description	Weight(Kg)
1	IRON BASE METAL ALLOYS	56.7
13	STEEL CONTAINER MATERIALS - KG	29
14	PLASTIC/LINERS CONTAINER MATERIALS- KG	5
6	CELLULOSICS	2.7
8	PLASTICS	3

Assay Methods Information

Radio Assay Method	Description	Assay Date
PNGS	PASS. NEUTRON/SEG. GAMMA SCAN	06/08/1998

Characterization Methods Information

Method Id	Description	Charz Method Date
RTR	REAL-TIME RADIOGRAPHY	03/22/2000

Sample Information

Sample Id : RF033000RIA038
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 03/30/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
74-82-8 - METHANE	510.1	.0007 Volume %	04/04/2000	U
1333-74-0 - HYDROGEN	510.1	.0036 Volume %	04/04/2000	U

Sample Id : RF033000ROB273
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 03/30/2000

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD76390
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF033000ROB273
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 03/30/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
95-47-6 - O-XYLENE	L-4111	.300 Ppm	04/09/2000	D,U
95-63-6 - 1,2,4-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/09/2000	D,U
75-09-2 - METHYLENE CHLORIDE	L-4111	.300 Ppm	04/09/2000	D,U
71-55-6 - 1,1,1-TRICHLOROETHANE	L-4111	.300 Ppm	04/09/2000	D,U
71-43-2 - BENZENE	L-4111	.300 Ppm	04/09/2000	D,U
71-36-3 - BUTANOL	L-4111	5.100 Ppm	04/09/2000	D,U
67-66-3 - CHLOROFORM	L-4111	.300 Ppm	04/09/2000	D,U
67-64-1 - ACETONE	L-4111	13.600 Ppm	04/09/2000	J,D
67-56-1 - METHANOL	L-4111	69.500 Ppm	04/09/2000	J,D
60-29-7 - ETHYL ETHER	L-4111	.300 Ppm	04/09/2000	D,U
56-23-5 - CARBON TETRACHLORIDE	L-4111	.300 Ppm	04/09/2000	D,U
156-59-2 - CIS-1,2-DICHLOROETHYLENE	L-4111	.300 Ppm	04/09/2000	D,U
127-18-4 - TETRACHLOROETHYLENE	L-4111	.300 Ppm	04/09/2000	D,U
110-82-7 - CYCLOHEXANE	L-4111	.300 Ppm	04/09/2000	D,U
108383/106423 - M,P-XYLENE	L-4111	.300 Ppm	04/09/2000	D,U
108-90-7 - CHLOROBENZENE	L-4111	.300 Ppm	04/09/2000	D,U
108-88-3 - TOLUENE	L-4111	4.800 Ppm	04/09/2000	J,D
108-67-8 - 1,3,5-TRIMETHYLBENZENE	L-4111	.300 Ppm	04/09/2000	D,U
108-10-1 - METHYL ISOBUTYL KETONE	L-4111	2.700 Ppm	04/09/2000	D,U
107-06-2 - 1,2-DICHLOROETHANE	L-4111	.300 Ppm	04/09/2000	D,U
100-41-4 - ETHYL BENZENE	L-4111	.300	04/09/2000	D,U

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Waste Container Information

Cntr Num : RFD76390
Site Id : RF - ROCKY FLATS
Data Status Code : Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Sample Information

Sample Id : RF033000ROB273
Layer No Sampled : 0
Sample Type : HGVO
Date Sampled : 03/30/2000

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
75-15-0 - CARBON DISULFIDE	L-4111	.300 Ppm	04/09/2000	D,U
79-34-5 - 1,1,2,2-TETRACHLOROETHANE	L-4111	.300 Ppm	04/09/2000	D,U
79-01-6 - TRICHLOROETHYLENE	L-4111	.300 Ppm	04/09/2000	D,U
78-93-3 - METHYL ETHYL KETONE	L-4111	1.800 Ppm	04/09/2000	D,U
76-13-1 - 1,1,2-TRICHLORO-1,2,2- TRIFLUOROETHANE	L-4111	.300 Ppm	04/09/2000	D,U
75-35-4 - 1,1-DICHLOROETHYLENE	L-4111	.300 Ppm	04/09/2000	D,U
75-34-3 - 1,1-DICHLOROETHANE	L-4111	.300 Ppm	04/09/2000	D,U
75-25-2 - BROMOFORM	L-4111	.300 Ppm	04/09/2000	D,U

Sample Id : RF052198RIA145
Layer No Sampled : 0
Sample Type : HGHM
Date Sampled : 05/21/1998

Sample Amounts

Analyte	Method	Concentration	Date Analyzed	Detection Method
1333-74-0 - HYDROGEN	510.1	.0088 Volume %	06/17/1998	J
74-82-8 - METHANE	510.1	.0018 Volume %	06/17/1998	U

Comment Information

Comment Type	Comments
SAMPLES	HEADSPACE VOC RESULTS ARE QUALIFIED WITH A "Z" FLAG DUE TO LOW RECOVERY OF 2 OF THE 9 COMPOUNDS IN THE HEADSPACE VOC FRS. ROOT CAUSE INVESTIGATION (NCR 2000-000454) SHOWS HEADSPACE VOC RESULTS WERE UNAFFECTED BY CAUSAL FACTOR RESULTING IN LOW RECOVERY OF 2 OF THE 9 COMPOUNDS IN THE FRS.
GENERAL COMMENTS	

Waste Container Data Report

WIPP Waste
Information System

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Waste Container Information

Cntr Num : RFD76390
Site Id : RF - ROCKY FLATS
Data Status Code: Container Emplaced at WIPP
Waste Stream Profile : RF002.01
Type Code : 1 - 55GAL DRUM

Location Information

Panel Number	Room Number	Bore Hole Number	Building Number	Pad Number
1	7			

Waste Isolation Pilot Plant

WWIS

Report *RP0390* *Shipment Summary Report*

Filename

Run by *CARTML*

Report Date *06/21/2000 13:39*

Total Pages *3*

Report Criteria

Module *RP0390*

Version *1.0*

Shipment Number: *RF000009*

Shipment Summary Report

WIPP Waste
Information System

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Shipment/Manifest Number : **RF000009** Certification Date : **05/04/2000** Shipment Date : **05/05/2000** Receipt Date : **05/06/2000**

Site Id : **RF - ROCKY FLATS**

TRUPACT Number : **131** ICV Closure Date : **05/04/2000** DOT Description : **RQ, RADIOACTIVE MATERIAL, FISSILE, N.O.S., 7, UN2918**

Dose Rate 1m : **0** Dose Rate 2m : **0** Dose Rate Surf : **0**

Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
RF000139	RFD84826	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	7.106E-03	83.92
	RFD86416	2		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.223E-03	72.12
	RFD86931	1		AM-241,NA-22,PU-238,PU-239,PU-240,PU-241,PU-242	5.855E-03	82.55
	RFD98633	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	4.173E-03	72.58
	RFD99769	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	3.285E-03	84.37
	RFDA1200	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	2.253E-02	59.87
	RFDA1208	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.990E-02	55.34
RF000140	RFD76390	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.003E-02	96.16
	RFD85402	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	7.768E-02	104.78
	RFD86018	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	1.112E-02	156.04
	RFD90970	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.262E-02	95.26
	RFD91520	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	9.995E-03	199.58
	RFD91854	1		AM-241,PU-238,PU-239,PU-240,PU-241,PU-242	8.186E-03	127.91
	RFD92774	1		AM-241,PU-238,PU-239,PU-	4.689E-03	113.85

Shipment Summary Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Assembly	Container Number	Total Dose Rate (mrem/hr)	Hazardous Codes	Radionuclides	Total Activity(TBq)	Weight (kg)
				TRUPACT : AM-241,NA-22,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.854E-01	1404.33
				Shipment : AM-241,NA-22,PU-238,PU-239,PU-240,PU-241,PU-242,U-235	2.854E-01	1404.33

Attachment 1 - CH Waste Processing Data Sheet

Step No.	DESCRIPTION	INITIAL
PREREQUISITES		
7.0	TRUPACT-II SERIAL No.: <u>131</u>	WHE <i>ME</i>
PERFORMANCE		
2.1	Adequate WHO staff available.	WHE <i>ME</i>
2.2	WHB is configured for Waste Handling Mode.	WHE <i>ME</i>
2.4.19	Activity on smears and RAF is below acceptable limits.	RCT <i>AMP</i>
2.4.24	Activity on smears is below acceptable limits.	RCT <i>AMP</i>
2.5.4	Activity on smears is below acceptable limits.	RCT <i>AMP</i>
2.5.6	Payload inspected for damage.	WH <i>RBV/LBK</i>
2.5.16	Payload container numbers <u>concur</u> not concur with WWIS.	WH <i>LBV/ME</i>
2.5.19	Activity on smears is below acceptable limits.	RCT <i>AMP</i>
3.1	Payload Assemblies inspected for damage (if stored > 1 shift).	WH <i>ME/LBK</i>
3.2	WHB & U/G is configured for Waste Handling Mode.	WHE <i>ME</i>
4.5	Completed rows have supersacks emplaced on all columns.	WH <i>FME</i>
4.6	Completed rows have eleven mini sacks between the rib and waste stack.	WH <i>FME</i>
4.14	Mini sacks attached to payload.	WH <i>FME</i>
4.17	Completed Attachment 4	WH <i>FME</i>
4.18	Activity on smears is below acceptable limits.	RCT <i>GG</i>

Performers, enter printed name, signature, date, and initials:

MITCH CARTER	<i>Mitch Carter</i>	5-8-00	ME
Aden M Peña	<i>Aden M Peña</i>	5-8-00	AMP
Rudy Valenzuela	<i>Rudy Valenzuela</i>	5-8-00	RBV
L B. Cole	<i>L B. Cole</i>	5-8-00	LBK
MITCH CARTER	<i>Mitch Carter</i>	5-8-00	ME
Blaine J. Wise, Jr.	<i>Blaine J. Wise Jr</i>	5-11-00	<i>Blaine J. Wise Jr</i>
TRAVIS M. CLARK	<i>Travis Clark</i>	5-11-00	<i>FME</i>
Glen Galloway	<i>Glen Galloway</i>	5-11-00	GG
Printed Name	Signature	Date	Initials

REMARKS: _____

REVIEW/VALIDATION: *Travis M. Clark* *FME* 5-11-00
 WHE: (Print Name) Signature Date

Attachment 4 - Waste Emplacement Report Data Sheet

TRUPACT-II Number: 131

Container Number	RFD 86931	RFD 91854
Row Number	25	25
Place in the Stack (Circle Location)	Top <u>Middle</u> Bottom	Top Middle <u>Bottom</u>
Column (Left to Right)	1 2 3 4 <u>5</u> 6	1 2 3 4 <u>5</u> 6
Disposal Cell	<u>S1600</u> Main Room S1950	<u>S1600</u> Main Room S1950
Disposal Room	1 2 3 4 5 6 <u>7</u>	1 2 3 4 5 6 <u>7</u>
Disposal Panel	<u>1</u> 2 3 4 5 6 7 8	<u>1</u> 2 3 4 5 6 7 8
Disposal Date	5-11-00	5-11-00

Remarks: _____

WHE Review/Validation: TRANS M. CLARK
 Printed Name

[Signature] 5-11-00
 Signature Date

Waste Isolation Pilot Plant
WWIS

Report *RP0510 Container Approval/Rejection Report*

Filename

Run by *SPEEDD*

Report Date *06/22/2000 08:46*

Total Pages *12*

Selection Criteria

Module *RP0510*
Version *1.1*
Start Date *06/01/2000*
End Date *06/22/2000*
Site ID *%*

Container Approval/Rejection Report

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Site ID	Status	Update Date	Container Number	Shipment Num	Approver ID
RF	Rejected Characterization	06/19/2000	RFD70263		RFETS3
		06/16/2000	RFD70263		RFETS3
		06/15/2000	RFD70263		RFETS3
		06/14/2000	RFD98832		MIKUSK
		06/14/2000	RFD71511		MIKUSK
		06/14/2000	RFD70659		MIKUSK
		06/14/2000	RFD70930		MIKUSK
		06/14/2000	RFD66629		MIKUSK
		06/14/2000	RFD70392		MIKUSK
		06/14/2000	RFD70353		MIKUSK
		06/14/2000	RFD70378		MIKUSK
		06/14/2000	RFD70501		MIKUSK
		06/14/2000	RFD70510		MIKUSK
		RF	Approved Certification	06/20/2000	RFD78009
06/20/2000	RFD76815			RF000016	RFETS2
06/20/2000	RFD88731			RF000016	RFETS2
06/20/2000	RFD91427			RF000016	RFETS2
06/20/2000	RFD99488			RF000016	RFETS2
06/20/2000	RFD97104			RF000016	RFETS2
06/20/2000	RFD96784			RF000016	RFETS2
06/20/2000	RFD92585			RF000016	RFETS2
06/20/2000	RFD92230			RF000016	RFETS2
06/20/2000	RFD92583			RF000016	RFETS2
06/20/2000	RFD80357			RF000016	RFETS2
06/20/2000	RFD89187			RF000016	RFETS2
06/20/2000	RFD89511			RF000016	RFETS2
06/20/2000	RFD89578			RF000016	RFETS2
06/20/2000	RFD89603			RF000016	RFETS2
06/20/2000	RFD91065			RF000016	RFETS2
06/20/2000	RFD90101			RF000016	RFETS2
06/20/2000	RFD90534			RF000016	RFETS2
06/20/2000	RFD95600				STRUMM
06/20/2000	RFD97094				STRUMM
06/20/2000	RFDA2316				STRUMM
06/20/2000	RFD57613			RF000016	RFETS2
06/20/2000	RFD66324			RF000016	RFETS2
06/20/2000	RFD70242			RF000016	RFETS2
06/20/2000	RFD83168			RF000016	RFETS2
06/20/2000	RFD86930			RF000016	RFETS2
06/20/2000	RFD91821				STRUMM
06/20/2000	RFD89016				STRUMM
06/20/2000	RFD91799			RF000016	RFETS2
06/20/2000	RFD92928			RF000016	RFETS2
06/20/2000	RFD97097			RF000016	RFETS2

Container Approval/Rejection Report

WIPP Waste
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Site ID	Status	Update Date	Container Number	Shipment Num	Approver ID
RF	Approved Certification	06/20/2000	RFD91244	RF000016	RFETS2
		06/20/2000	RFD88216	RF000016	RFETS2
		06/19/2000	RFD57613	RF000016	MIKUSK
		06/19/2000	RFD99488	RF000016	MIKUSK
		06/19/2000	RFD91244	RF000016	STRUMM
		06/19/2000	RFD96061		STRUMM
		06/19/2000	RFD96765		STRUMM
		06/19/2000	RFD66324	RF000016	MIKUSK
		06/19/2000	RFD86930	RF000016	MIKUSK
		06/19/2000	RFD80357	RF000016	MIKUSK
		06/19/2000	RFD90534	RF000016	MIKUSK
		06/19/2000	RFD91799	RF000016	STRUMM
		06/19/2000	RFD92230	RF000016	MIKUSK
		06/19/2000	RFD92583	RF000016	MIKUSK
		06/19/2000	RFD92585	RF000016	MIKUSK
		06/19/2000	RFD92928	RF000016	MIKUSK
		06/19/2000	RFD96784	RF000016	MIKUSK
		06/19/2000	RFD97097	RF000016	MIKUSK
		06/19/2000	RFD75279		STRUMM
		06/19/2000	RFD83168	RF000016	MIKUSK
		06/19/2000	RFD89187	RF000016	MIKUSK
		06/19/2000	RFD89511	RF000016	MIKUSK
		06/19/2000	RFD89578	RF000016	MIKUSK
		06/19/2000	RFD89603	RF000016	MIKUSK
		06/19/2000	RFD91065	RF000016	MIKUSK
		06/19/2000	RFD90101	RF000016	MIKUSK
		06/19/2000	RFD97104	RF000016	MIKUSK
		06/19/2000	RFD91427	RF000016	MIKUSK
		06/19/2000	RFD88216	RF000016	MIKUSK
		06/19/2000	RFD88731	RF000016	MIKUSK
		06/19/2000	RFD78009	RF000016	STRUMM
		06/19/2000	RFD76815	RF000016	STRUMM
		06/12/2000	RFD74957	RF000015	RFETS4
		06/12/2000	RFD86974	RF000015	RFETS4
		06/12/2000	RFD99481	RF000015	RFETS4
		06/12/2000	RFD97946	RF000015	RFETS4
		06/12/2000	RFD97775	RF000015	RFETS4
		06/12/2000	RFD96757	RF000015	RFETS4
		06/12/2000	RFD96073	RF000015	RFETS4
		06/12/2000	RFD95795	RF000015	RFETS4
		06/12/2000	RFD93075	RF000015	RFETS4
		06/12/2000	RFD94259	RF000015	RFETS4
		06/12/2000	RFD78508	RF000015	RFETS4
		06/12/2000	RFD81284	RF000015	RFETS4
		06/12/2000	RFD87032	RF000015	RFETS4
		06/12/2000	RFD87755	RF000015	RFETS4

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RF	Approved Certification	06/12/2000	RFD89416	RF000015	RFETS4
		06/12/2000	RFD90087	RF000015	RFETS4
		06/12/2000	RFD90483	RF000015	RFETS4
		06/12/2000	RFD91239	RF000015	RFETS4
		06/12/2000	RFD72779	RF000015	RFETS4
		06/12/2000	RFD91764	RF000015	RFETS4
		06/12/2000	RFD96569	RF000015	RFETS4
		06/12/2000	RFD97089	RF000015	RFETS4
		06/12/2000	RFD97778	RF000015	RFETS4
		06/12/2000	RFD98639	RF000015	RFETS4
		06/12/2000	RFD86391	RF000015	RFETS4
		06/08/2000	RFD95795	RF000015	STANDID
		06/04/2000	RFD72779	RF000015	SPEEDD
		06/04/2000	RFD70242	RF000016	SPEEDD
		06/04/2000	RFD74957	RF000015	SPEEDD
		06/04/2000	RFD78508	RF000015	SPEEDD
		06/04/2000	RFD91239	RF000015	SPEEDD
		06/04/2000	RFD91764	RF000015	SPEEDD
		06/04/2000	RFD93075	RF000015	SPEEDD
		06/04/2000	RFD94259	RF000015	SPEEDD
		06/04/2000	RFD96073	RF000015	SPEEDD
		06/04/2000	RFD96569	RF000015	SPEEDD
		06/04/2000	RFD96757	RF000015	SPEEDD
		06/04/2000	RFD97089	RF000015	SPEEDD
		06/04/2000	RFD81284	RF000015	SPEEDD
		06/04/2000	RFD87032	RF000015	SPEEDD
		06/04/2000	RFD87755	RF000015	SPEEDD
		06/04/2000	RFD89416	RF000015	SPEEDD
		06/04/2000	RFD90087	RF000015	SPEEDD
		06/04/2000	RFD90483	RF000015	SPEEDD
		06/04/2000	RFD86974	RF000015	SPEEDD
		06/04/2000	RFD99481	RF000015	SPEEDD
		06/04/2000	RFD97946	RF000015	SPEEDD
		06/04/2000	RFD97775	RF000015	SPEEDD
06/04/2000	RFD97778	RF000015	SPEEDD		
06/04/2000	RFD98639	RF000015	SPEEDD		
06/04/2000	RFD86391	RF000015	SPEEDD		
RF	Rejected Certification	06/20/2000	RFD71204		STRUMM
		06/19/2000	RFD78009	RF000016	RFETS2
		06/19/2000	RFD97094		STRUMM
RF	Approved Shipping	06/21/2000	RFD66324	RF000016	RFETS4
		06/21/2000	RFD88216	RF000016	RFETS4

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RF	Approved Shipping	06/21/2000	RFD91427	RF000016	RFETS4
		06/21/2000	RFD76815	RF000016	RFETS4
		06/21/2000	RFD57613	RF000016	RFETS4
		06/21/2000	RFD83168	RF000016	RFETS4
		06/21/2000	RFD86930	RF000016	RFETS4
		06/21/2000	RFD78009	RF000016	RFETS4
		06/21/2000	RFD80357	RF000016	RFETS4
		06/21/2000	RFD89187	RF000016	RFETS4
		06/21/2000	RFD89511	RF000016	RFETS4
		06/21/2000	RFD89578	RF000016	RFETS4
		06/21/2000	RFD89603	RF000016	RFETS4
		06/21/2000	RFD91065	RF000016	RFETS4
		06/21/2000	RFD90101	RF000016	RFETS4
		06/21/2000	RFD90534	RF000016	RFETS4
		06/21/2000	RFD91799	RF000016	RFETS4
		06/21/2000	RFD92230	RF000016	RFETS4
		06/21/2000	RFD92583	RF000016	RFETS4
		06/21/2000	RFD92585	RF000016	RFETS4
		06/21/2000	RFD92928	RF000016	RFETS4
		06/21/2000	RFD96784	RF000016	RFETS4
		06/21/2000	RFD97097	RF000016	RFETS4
		06/21/2000	RFD97104	RF000016	RFETS4
		06/21/2000	RFD99488	RF000016	RFETS4
		06/21/2000	RFD91244	RF000016	RFETS4
		06/21/2000	RFD70242	RF000016	RFETS4
		06/21/2000	RFD88731	RF000016	RFETS4
		06/20/2000	RFD76815	RF000016	MIKUSK
		06/20/2000	RFD97097	RF000016	MIKUSK
		06/20/2000	RFD97104	RF000016	MIKUSK
		06/20/2000	RFD66324	RF000016	MIKUSK
		06/20/2000	RFD57613	RF000016	MIKUSK
		06/20/2000	RFD83168	RF000016	MIKUSK
		06/20/2000	RFD86930	RF000016	MIKUSK
		06/20/2000	RFD78009	RF000016	MIKUSK
		06/20/2000	RFD91065	RF000016	MIKUSK
		06/20/2000	RFD90101	RF000016	MIKUSK
		06/20/2000	RFD90534	RF000016	MIKUSK
		06/20/2000	RFD91799	RF000016	MIKUSK
		06/20/2000	RFD92230	RF000016	MIKUSK
		06/20/2000	RFD92583	RF000016	MIKUSK
		06/20/2000	RFD92585	RF000016	MIKUSK
		06/20/2000	RFD92928	RF000016	MIKUSK
		06/20/2000	RFD80357	RF000016	MIKUSK
		06/20/2000	RFD89187	RF000016	MIKUSK
		06/20/2000	RFD89511	RF000016	MIKUSK
		06/20/2000	RFD89578	RF000016	MIKUSK

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RF	Approved Shipping	06/20/2000	RFD89603	RF000016	MIKUSK
		06/20/2000	RFD96784	RF000016	MIKUSK
		06/20/2000	RFD99488	RF000016	MIKUSK
		06/20/2000	RFD91244	RF000016	MIKUSK
		06/20/2000	RFD91427	RF000016	MIKUSK
		06/20/2000	RFD88216	RF000016	MIKUSK
		06/20/2000	RFD70242	RF000016	MIKUSK
		06/20/2000	RFD88731	RF000016	MIKUSK
		06/14/2000	RFD86974	RF000015	RFETS2
		06/14/2000	RFD93075	RF000015	RFETS2
		06/14/2000	RFD94259	RF000015	RFETS2
		06/14/2000	RFD95795	RF000015	RFETS2
		06/14/2000	RFD96073	RF000015	RFETS2
		06/14/2000	RFD96569	RF000015	RFETS2
		06/14/2000	RFD96757	RF000015	RFETS2
		06/14/2000	RFD97089	RF000015	RFETS2
		06/14/2000	RFD97775	RF000015	RFETS2
		06/14/2000	RFD72779	RF000015	RFETS2
		06/14/2000	RFD74957	RF000015	RFETS2
		06/14/2000	RFD78508	RF000015	RFETS2
		06/14/2000	RFD81284	RF000015	RFETS2
		06/14/2000	RFD87032	RF000015	RFETS2
		06/14/2000	RFD87755	RF000015	RFETS2
		06/14/2000	RFD89416	RF000015	RFETS2
		06/14/2000	RFD90087	RF000015	RFETS2
		06/14/2000	RFD90483	RF000015	RFETS2
		06/14/2000	RFD91239	RF000015	RFETS2
		06/14/2000	RFD91764	RF000015	RFETS2
		06/14/2000	RFD97778	RF000015	RFETS2
		06/14/2000	RFD97946	RF000015	RFETS2
		06/14/2000	RFD98639	RF000015	RFETS2
		06/14/2000	RFD99481	RF000015	RFETS2
		06/14/2000	RFD86391	RF000015	RFETS2
		06/12/2000	RFD74957	RF000015	MIKUSK
		06/12/2000	RFD97775	RF000015	MIKUSK
		06/12/2000	RFD97778	RF000015	MIKUSK
		06/12/2000	RFD91239	RF000015	MIKUSK
		06/12/2000	RFD91764	RF000015	MIKUSK
		06/12/2000	RFD93075	RF000015	MIKUSK
		06/12/2000	RFD94259	RF000015	MIKUSK
		06/12/2000	RFD95795	RF000015	MIKUSK
		06/12/2000	RFD96073	RF000015	MIKUSK
		06/12/2000	RFD96569	RF000015	MIKUSK
		06/12/2000	RFD96757	RF000015	MIKUSK
		06/12/2000	RFD72779	RF000015	MIKUSK
		06/12/2000	RFD78508	RF000015	MIKUSK

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RF	Approved Shipping	06/12/2000	RFD81284	RF000015	MIKUSK
		06/12/2000	RFD87032	RF000015	MIKUSK
		06/12/2000	RFD87755	RF000015	MIKUSK
		06/12/2000	RFD89416	RF000015	MIKUSK
		06/12/2000	RFD90087	RF000015	MIKUSK
		06/12/2000	RFD90483	RF000015	MIKUSK
		06/12/2000	RFD97089	RF000015	MIKUSK
		06/12/2000	RFD97946	RF000015	MIKUSK
		06/12/2000	RFD98639	RF000015	MIKUSK
		06/12/2000	RFD86974	RF000015	MIKUSK
		06/12/2000	RFD99481	RF000015	MIKUSK
		06/12/2000	RFD86391	RF000015	MIKUSK
		RL	Approved Characterization	06/02/2000	9401047
06/02/2000	9401047			RL-00-01	HAND4
06/02/2000	9406605			RL-00-01	MIKUSK
06/02/2000	9513544			RL-00-01	HAND4
06/02/2000	9406605			RL-00-01	HAND4
06/02/2000	9406605			RL-00-01	HAND4
06/02/2000	9513544			RL-00-01	MIKUSK
06/02/2000	9513549			RL-00-01	HAND4
06/02/2000	9513577			RL-00-01	MIKUSK
06/02/2000	9513549			RL-00-01	MIKUSK
06/02/2000	RHZ-218-A23003				MIKUSK
06/02/2000	9513590			RL-00-01	HAND4
06/02/2000	9513590			RL-00-01	MIKUSK
06/02/2000	9513590			RL-00-01	HAND4
06/02/2000	9513587			RL-00-01	HAND4
06/02/2000	9513587			RL-00-01	HAND4
06/02/2000	9513587			RL-00-01	HAND4
06/02/2000	9513587			RL-00-01	MIKUSK
06/02/2000	9513577			RL-00-01	HAND4
06/02/2000	9522497			RL-00-01	MIKUSK
06/02/2000	9522497			RL-00-01	HAND4
06/02/2000	9522403			RL-00-01	HAND4
06/02/2000	9522403			RL-00-01	HAND6
06/02/2000	9522403			RL-00-01	MIKUSK
06/02/2000	9522304			RL-00-01	MIKUSK
06/02/2000	9522304			RL-00-01	HAND4
06/02/2000	9517541			RL-00-01	MIKUSK
06/02/2000	9522497			RL-00-01	HAND6
06/02/2000	9517541			RL-00-01	HAND4
06/02/2000	9517541			RL-00-01	HAND4
06/02/2000	9517431			RL-00-01	HAND4
06/02/2000	9517431			RL-00-01	MIKUSK

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RL	Approved Characterization	06/02/2000	9517413	RL-00-01	MIKUSK
		06/02/2000	9517413	RL-00-01	HAND4
		06/02/2000	9513619	RL-00-01	MIKUSK
		06/02/2000	9513619	RL-00-01	HAND4
		06/02/2000	9513577	RL-00-01	HAND4
		06/02/2000	9513544	RL-00-01	HAND6
RL	Rejected Characterization	06/01/2000	9401047	RL-00-01	MIKUSK
RL	Approved Certification	06/12/2000	9400971	RL-00-01	OFFNERS
		06/12/2000	9400971	RL-00-01	OFFNERS
		06/12/2000	9401047	RL-00-01	OFFNERS
		06/12/2000	9400971	RL-00-01	OFFNERS
		06/12/2000	9401047	RL-00-01	OFFNERS
		06/12/2000	9513577	RL-00-01	OFFNERS
		06/12/2000	9513549	RL-00-01	OFFNERS
		06/12/2000	9513549	RL-00-01	OFFNERS
		06/12/2000	9513549	RL-00-01	OFFNERS
		06/12/2000	9513549	RL-00-01	OFFNERS
		06/12/2000	9513544	RL-00-01	OFFNERS
		06/12/2000	9513544	RL-00-01	OFFNERS
		06/12/2000	9513544	RL-00-01	OFFNERS
		06/12/2000	9513544	RL-00-01	OFFNERS
		06/12/2000	9406605	RL-00-01	OFFNERS
		06/12/2000	9513619	RL-00-01	OFFNERS
		06/12/2000	9513619	RL-00-01	OFFNERS
		06/12/2000	9513619	RL-00-01	OFFNERS
		06/12/2000	9513590	RL-00-01	OFFNERS
		06/12/2000	9513590	RL-00-01	OFFNERS
		06/12/2000	9513590	RL-00-01	OFFNERS
		06/12/2000	9513587	RL-00-01	OFFNERS
		06/12/2000	9513587	RL-00-01	OFFNERS
		06/12/2000	9513587	RL-00-01	OFFNERS
		06/12/2000	9513577	RL-00-01	OFFNERS
		06/12/2000	9513577	RL-00-01	OFFNERS
		06/12/2000	9903434	RL-00-01	OFFNERS
		06/12/2000	9903436	RL-00-01	OFFNERS
		06/12/2000	9903436	RL-00-01	OFFNERS
		06/12/2000	9903436	RL-00-01	OFFNERS
06/12/2000	9517431	RL-00-01	OFFNERS		
06/12/2000	9517413	RL-00-01	OFFNERS		
06/12/2000	9517413	RL-00-01	OFFNERS		
06/12/2000	9517413	RL-00-01	OFFNERS		
06/12/2000	RHZ-213-A21593	RL-00-01	OFFNERS		
06/12/2000	RHZ-213-A21593	RL-00-01	OFFNERS		
06/12/2000	RHZ-213-A21593	RL-00-01	OFFNERS		

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RL	Approved Certification	06/12/2000	RHZ-231-A21750	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A21750	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A21750	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A21753	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A21753	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A21753	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A22579	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A22579	RL-00-01	OFFNERS
		06/12/2000	RHZ-231-A22579	RL-00-01	OFFNERS
		06/12/2000	9903434	RL-00-01	OFFNERS
		06/12/2000	9903434	RL-00-01	OFFNERS
		06/12/2000	9903405		OFFNERS
		06/12/2000	9903405		OFFNERS
		06/12/2000	9903405		OFFNERS
		06/12/2000	9903402		OFFNERS
		06/12/2000	9903402	RL-00-01	OFFNERS
		06/12/2000	9903402	RL-00-01	OFFNERS
		06/12/2000	9903402	RL-00-01	OFFNERS
		06/12/2000	9903381	RL-00-01	OFFNERS
		06/12/2000	9903381	RL-00-01	OFFNERS
		06/12/2000	9903381	RL-00-01	OFFNERS
		06/12/2000	9903322	RL-00-01	OFFNERS
		06/12/2000	9903322	RL-00-01	OFFNERS
		06/12/2000	9903322	RL-00-01	OFFNERS
		06/12/2000	9903316	RL-00-01	OFFNERS
		06/12/2000	9903316	RL-00-01	OFFNERS
		06/12/2000	9903316	RL-00-01	OFFNERS
		06/12/2000	9903293	RL-00-01	OFFNERS
		06/12/2000	9903293	RL-00-01	OFFNERS
		06/12/2000	9903293	RL-00-01	OFFNERS
		06/12/2000	9903256	RL-00-01	OFFNERS
		06/12/2000	9903256	RL-00-01	OFFNERS
		06/12/2000	9903256	RL-00-01	OFFNERS
		06/12/2000	9522497	RL-00-01	OFFNERS
		06/12/2000	9522497	RL-00-01	OFFNERS
		06/12/2000	9522497	RL-00-01	OFFNERS
		06/12/2000	9522403	RL-00-01	OFFNERS
		06/12/2000	9522403	RL-00-01	OFFNERS
		06/12/2000	9522403	RL-00-01	OFFNERS
		06/12/2000	9522304	RL-00-01	OFFNERS
		06/12/2000	9522304	RL-00-01	OFFNERS
		06/12/2000	9522304	RL-00-01	OFFNERS
		06/12/2000	9517541	RL-00-01	OFFNERS
		06/12/2000	9517431	RL-00-01	OFFNERS
		06/12/2000	9903408	RL-00-01	OFFNERS
		06/12/2000	9903408	RL-00-01	OFFNERS
		06/12/2000	9903408	RL-00-01	OFFNERS

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RL	Approved Certification	06/12/2000	9903419	RL-00-01	OFFNERS
		06/12/2000	9903419	RL-00-01	OFFNERS
		06/12/2000	9903419	RL-00-01	OFFNERS
		06/12/2000	9903437	RL-00-01	OFFNERS
		06/12/2000	9517541	RL-00-01	OFFNERS
		06/12/2000	9517541	RL-00-01	OFFNERS
		06/12/2000	9517431	RL-00-01	OFFNERS
		06/12/2000	9903437	RL-00-01	OFFNERS
		06/12/2000	9903437	RL-00-01	OFFNERS
		06/12/2000	RHZ-212-A22976	RL-00-01	OFFNERS
		06/12/2000	RHZ-212-A22976	RL-00-01	OFFNERS
		06/12/2000	RHZ-212-A22976	RL-00-01	OFFNERS
		06/12/2000	RHZ-213-A21537	RL-00-01	OFFNERS
		06/12/2000	RHZ-213-A21537	RL-00-01	OFFNERS
		06/12/2000	RHZ-213-A21537	RL-00-01	OFFNERS
		06/12/2000	9406605	RL-00-01	OFFNERS
		06/12/2000	9406605	RL-00-01	OFFNERS
		06/12/2000	9401047	RL-00-01	OFFNERS
		06/08/2000	9401047	RL-00-01	MIKUSK
		06/08/2000	9401047	RL-00-01	MIKUSK
		06/08/2000	9406605	RL-00-01	MIKUSK
		06/08/2000	9513544	RL-00-01	MIKUSK
		06/08/2000	9406605	RL-00-01	MIKUSK
		06/08/2000	9517431	RL-00-01	MIKUSK
		06/08/2000	9517413	RL-00-01	MIKUSK
		06/08/2000	9513619	RL-00-01	MIKUSK
		06/08/2000	9513619	RL-00-01	MIKUSK
		06/08/2000	9513590	RL-00-01	MIKUSK
		06/08/2000	9513590	RL-00-01	MIKUSK
		06/08/2000	9513587	RL-00-01	MIKUSK
		06/08/2000	9513587	RL-00-01	MIKUSK
		06/08/2000	9513577	RL-00-01	MIKUSK
		06/08/2000	9522497	RL-00-01	MIKUSK
		06/08/2000	9522403	RL-00-01	MIKUSK
		06/08/2000	9522304	RL-00-01	MIKUSK
		06/08/2000	9522304	RL-00-01	MIKUSK
		06/08/2000	9517541	RL-00-01	MIKUSK
		06/08/2000	9517541	RL-00-01	MIKUSK
		06/08/2000	9903436	RL-00-01	STANDID
		06/08/2000	9517431	RL-00-01	MIKUSK
		06/08/2000	9517413	RL-00-01	MIKUSK
		06/08/2000	9522497	RL-00-01	MIKUSK
		06/08/2000	9522403	RL-00-01	MIKUSK
06/08/2000	9513577	RL-00-01	MIKUSK		
06/08/2000	9513549	RL-00-01	MIKUSK		
06/08/2000	9513549	RL-00-01	MIKUSK		

Container Approval/Rejection Report

Site ID	Status	Update Date	Container Number	Shipment Num	Approver ID
RL	Approved Certification	06/08/2000	9513544	RL-00-01	MIKUSK
		06/07/2000	9400971	RL-00-01	STANDID
		06/07/2000	9401047	RL-00-01	HAND4
		06/07/2000	9406605	RL-00-01	HAND4
		06/07/2000	9513549	RL-00-01	HAND4
		06/07/2000	9517431	RL-00-01	HAND4
		06/07/2000	9903419	RL-00-01	STANDID
		06/07/2000	9903434	RL-00-01	STANDID
		06/07/2000	RHZ-212-A22976	RL-00-01	STANDID
		06/07/2000	RHZ-213-A21537	RL-00-01	STANDID
		06/07/2000	RHZ-213-A21593	RL-00-01	STANDID
		06/07/2000	RHZ-231-A21750	RL-00-01	STANDID
		06/07/2000	RHZ-231-A21753	RL-00-01	STANDID
		06/07/2000	RHZ-231-A22579	RL-00-01	STANDID
		06/07/2000	9903437	RL-00-01	STANDID
		06/07/2000	9517413	RL-00-01	HAND4
		06/07/2000	9903408	RL-00-01	STANDID
		06/07/2000	9513619	RL-00-01	HAND4
		06/07/2000	9903405		STANDID
		06/07/2000	9903402	RL-00-01	STANDID
		06/07/2000	9903381	RL-00-01	STANDID
		06/07/2000	9903322	RL-00-01	STANDID
		06/07/2000	9903316	RL-00-01	STANDID
		06/07/2000	9903293	RL-00-01	STANDID
		06/07/2000	9903256	RL-00-01	STANDID
		06/07/2000	9522497	RL-00-01	HAND4
		06/07/2000	9522403	RL-00-01	HAND4
		06/07/2000	9522304	RL-00-01	HAND4
		06/07/2000	9517541	RL-00-01	HAND4
		06/07/2000	9513590	RL-00-01	HAND4
		06/07/2000	9513587	RL-00-01	HAND4
		06/07/2000	9513577	RL-00-01	HAND4
		06/07/2000	9513544	RL-00-01	HAND4
		06/03/2000	9401047	RL-00-01	SPEEDD
		06/03/2000	9406605	RL-00-01	SPEEDD
		06/03/2000	9517413	RL-00-01	SPEEDD
		06/03/2000	9513619	RL-00-01	SPEEDD
		06/03/2000	9522497	RL-00-01	SPEEDD
		06/03/2000	9522403	RL-00-01	SPEEDD
		06/03/2000	9522304	RL-00-01	SPEEDD
		06/03/2000	9517541	RL-00-01	SPEEDD
		06/03/2000	9517431	RL-00-01	SPEEDD
		06/03/2000	9513590	RL-00-01	SPEEDD
		06/03/2000	9513587	RL-00-01	SPEEDD
		06/03/2000	9513549	RL-00-01	SPEEDD
		06/03/2000	9513577	RL-00-01	SPEEDD

Container Approval/Rejection Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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<u>Site ID</u>	<u>Status</u>	<u>Update Date</u>	<u>Container Number</u>	<u>Shipment Num</u>	<u>Approver ID</u>
RL	Approved Certification	06/03/2000	9513544	RL-00-01	SPEEDD
RL	Rejected Certification	06/03/2000	9513549	RL-00-01	SPEEDD

Attachment C
Inspection Checklist

WIPP Emplacement Inspection Checklist

#	Question	Comments (Objective Evidence)	Results																		
Waste Emplacement																					
1	Is waste being emplaced in the underground facility in the manner specified in DOE's Compliance Certification Application (CCA)?	Reviewed the WIPP procedures, the WWIS documentation, and Compliance Certification Application. Visually observed the emplaced waste in the underground. Toured the Waste Handling Building where waste is removed from transport vessels and processed into the underground. Interviewed WIPP personnel regarding procedures and activities.	Adequate																		
2	Are waste stacked in columns three high?	Visually examined Room 7 of Panel 1. Confirmed proper placement of the 7 Pack units visible.	Adequate																		
3	Are waste emplaced as received?	Confirmed timely placement using WWIS records.	Adequate																		
4	Are records adequate? Randomly select five waste containers to verify records for waste approval, shipment, and receipt:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Site of Origin</u></th> <th style="text-align: left;"><u>Waste Container Identifier</u></th> <th style="text-align: left;"><u>Container Type</u></th> </tr> </thead> <tbody> <tr> <td>RFETS</td> <td>RFD66936</td> <td>7 Drum Pack</td> </tr> <tr> <td>RFETS</td> <td>RFD99298</td> <td>7 Drum Pack</td> </tr> <tr> <td>RFETS</td> <td>RFD97217</td> <td>7 Drum Pack</td> </tr> <tr> <td>RFETS</td> <td>RFD83240</td> <td>7 Drum Pack</td> </tr> <tr> <td>RFETS</td> <td>RFD76390</td> <td>7 Drum Pack</td> </tr> </tbody> </table>	<u>Site of Origin</u>	<u>Waste Container Identifier</u>	<u>Container Type</u>	RFETS	RFD66936	7 Drum Pack	RFETS	RFD99298	7 Drum Pack	RFETS	RFD97217	7 Drum Pack	RFETS	RFD83240	7 Drum Pack	RFETS	RFD76390	7 Drum Pack	Adequate
<u>Site of Origin</u>	<u>Waste Container Identifier</u>	<u>Container Type</u>																			
RFETS	RFD66936	7 Drum Pack																			
RFETS	RFD99298	7 Drum Pack																			
RFETS	RFD97217	7 Drum Pack																			
RFETS	RFD83240	7 Drum Pack																			
RFETS	RFD76390	7 Drum Pack																			
5	Verify documentation for the containers listed in item 4 - waste generator site transmittal of waste to WIPP, WIPP approval, shipment certification for transport to WIPP, shipment initiation documentation, shipment received at WIPP records, waste emplace in the underground, and placement of backfill [MgO].	Reviewed the Shipment Summary Report, the Waste Container Data Report, and the CH Waste Processing Data Sheet (Attachment 1 of WP 05-WH1011) for each of the selected drums.	Adequate																		

WIPP Emplacement Inspection Checklist

#	Question	Comments (Objective Evidence)	Results
Backfill [MgO] Emplacement			
6	Is DOE properly emplacing backfill material (magnesium oxide [MgO]) with the waste packages?	Visually observed MgO mini sacks in the 7 Packs visible in Room 7 of Panel 1. Also observed MgO super sacks on top of the waste columns. Observed stacks of mini sacks between the outside columns and the Rib walls.	Adequate
7	Are Super Sacks placed on top of waste stacks as described in Volume 1, Section 3.3.3 of the CCA; approximately 4,000 pounds, multi-wall construction with a vapor and moisture barrier?	Observed super sacks placed on top of the waste columns visible to the Inspector. Visually observed the super sacks laid by for future placement. The sacks appeared to be multi-wall construction using fabric that provides a vapor and moisture barrier.	Adequate
8	Are mini sacks attached to each seven-pack waste unit and each standard waste boxes as described?	Observed mini sacks between the outside drums in the 7 Pack units. The sacks were properly placed between the drums and the plastic wrap surrounding the 7 Pack. No standard waste boxes were visible.	Adequate
9	Are mini sacks approximately 25 pounds, approximately 34 inches long, 6 inches in diameter and fabricated of a single layer of polyethylene or other suitable material?	Observed the mini sacks laid by for future placement. The mini sacks appeared to meet the specifications, as stated in D-0101 "Specification for Prepackaged MgO Backfill".	Adequate
10	Are six mini sacks placed in the external voids behind the shrink wrap of each seven-pack before they are positioned on the waste stack?	Reviewed the document WP 05-WH1011 "CH Waste Processing." Reviewed Attachment 1 of this procedure for the five selected drums. Observed the visible areas of the emplaced waste and confirmed proper placement.	Adequate
11	Are six(?) sacks hung from the lift clips on the standard waste boxes?	No standard waste boxes were visible to the Inspector. Procedure WP 05-WH1011 Attachment 2 adequately shows placement of backfill on a standard waste box.	Adequate
12	Are mini sacks stacked on the floor in the space between the waste stack and ribside?	Observed stacks of mini sacks between the outside columns and the rib wall.	Adequate
13	Do the quality control records indicate that the correct number of sacks are placed and that the conditions of the sacks are acceptable?	Reviewed specification D-0101 "Specification for Prepackaged MgO Backfill" and Procedure WP 05-WH1011 "CH Waste Processing Rev 8." Reviewed Attachment 1 of WP 05-WH1011 for each of the selected drums and confirmed sign off by the WIPP personnel responsible for MgO placement.	Adequate

WIPP Emplacement Inspection Checklist

#	Question	Comments (Objective Evidence)	Results
WIPP Waste Information System (WWIS)			
14	Is DOE maintaining records of waste shipments and emplacement properly?	Reviewed the WWIS reports and WP 05-WH1011 attachments for the five selected drums.	Adequate
15	Do the characterization module, certification module, shipping module, and inventory module adequately record the required information?	Reviewed the characterization module, certification module, shipping module, and inventory module for each of the five drums selected.	Adequate
16	Characterization Module - Review a WWIS Waste Characterization Data Report. Does this report adequately record the Waste Stream Profile Form information?	Observed adequate documentation of the Waste Stream Profile Form data on each of the Waste Characterization Data Reports for the five selected drums.	Adequate
17	Characterization Module - Does the data administrator verify that DOE/CAO has granted certification and transportation authority to the generator/shipper site prior to review of generator/shipper characterization data?	Interviewed Dave Speed and Ken Mikus on data administration. Confirmed that generator characterization data is not reviewed until CAO certifies the site.	Adequate
18	Certification Module - Examine an Acceptance Report and a Rejection Report. Do these adequately record waste information?	Reviewed RP0510 "Container Approval/Rejection Report.	Adequate
19	Is the generator/shipper denied any further write access to certification information after the data passes the limit and edit check and a review by the WWIS data administrator?	Interviewed Dave Speed and Ken Mikus on data administration. Confirmed that the generator can not alter data after the limit and edit check has been performed.	Adequate
20	Shipping Module - Review the Shipment Summary Report. Does the report correctly record the containers shipped?	Reviewed RP0390 Shipment Summary Report for each of the five drums selected. Confirmed the report correctly listed the selected drum.	Adequate
21	Inventory Module - Review the Container Emplacement Report. Does this report adequately record the date of receipt, disposal locations of containers, and the emplacement of MgO?	Reviewed RP0440 Waste Emplacement Report and Attachment 1 of WP 05-WH1011 for each of the five selected drums. Confirmed the correct documentation of the receipt date, disposal locations, and emplacement of MgO.	Adequate
22	Does the WWIS adequately document waste shipment and emplacements information for waste containers selected item 4 above?	Reviewed WWIS documentation for each of the selected drums in Item 4 above. Adequate documentation for waste shipment and emplacement was confirmed.	Adequate