

US EPA ARCHIVE DOCUMENT

WIPP Waste Information System

Waste Container Data Report

Report RP0360
Version 2.6
Instance *PRD02*
Run by PEARCYM
Report Date 06/06/2008 07:49
Total Pages 5

Selection Criteria -

Container Number LAS817174
 Site Id %
 Waste Stream %
 Data Status Code %

Waste Container Data Report

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Waste Isolation Pilot Plant

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Container Number : **LAS817174**
Site ID : **C4 - CCP AT LANL**
Site Address : **PO BOX 2078 CARLSBAD, NM 88220**
Site EPA ID : **NM0890010515**
Technical Contact : **DAVE HAAR**
Data Status Code : **Certification Data Approved by WIPP**
Waste Stream Profile : **LA-MIN03-NC.001**
Container Type : **17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION**

Waste Container Information

WAC Ex. # :		Handling Code :	CH
WAC Rev # :	6.1	Waste Type:	MTRU
Cert Date :	04/07/2008	Waste Stream BIR ID :	LA-TA-50-19
Cert Site :	LA - LOS ALAMOS NATIONAL LABOR	Waste Stream MWIR ID :	NONE
Generator Site :	LA - LOS ALAMOS NATIONAL LABOR	TRU Alpha Act (Ci) :	3.390E-01
IDC Code :	NONE	TRU Alpha Act Uncert (Ci) :	5.240E-02
Matrix Code :	S3120	TRU Alpha Act Conc (Ci/g) :	2.010E-06
TRUCON Code :	LA211A	TRU Alpha Act Conc Uncert (Ci/g) :	3.110E-07
Shipping Category :	1001300155	Pu239 Eq Act (PE Ci) :	3.390E-01
PCB Conc (ppm) :		Pu239 Fiss Gm Eq (FGE) :	1.990E+00
Decay Heat (watts) :	1.070E-02	Pu239 Fiss Gm Eq Uncert (FGE) :	4.160E-01
Decay Heat Uncert (watts) :	1.650E-03	U-235 FEM (wgt %) :	
Closure Date :	04/09/2005	U-235 FEM Uncert (wgt %) :	
Vent Date :	04/09/2005	Layers of Packaging :	1
Waste Generation Date:		Fill Factor (%) :	95
Aspiration Method ID :	1	Liner Exists :	Y
Gas Gen Rate :		Liner Hole Size (mm) :	7.62
Gas Hyd Meth Gen Rate :		Gross Weight (kg) :	203.5
Gas Gen Comp Date :		Gross Weight Uncert (kg) :	2.3
Truncated FGGR Test :	N	Alpha Surf Cont (dpm/100cm2) :	0
Trunc FGGR Test Period (days) :		BG Surf Cont (dpm/100cm2) :	0
Shipment Num :		BG Dose Rate (mrem/hr) :	.4
Packaging Num :		Neut Dose Rate (mrem/hr) :	.25
Assembly ID :		Total Dose Rate (mrem/hr) :	.65
Container Disposal Date :		PCB Waste :	N
Container Status Code :	PRE	PCB Mass (kg) :	
		PCB Out of Service Date :	

It can be established through process knowledge that the concentration of flammable VOCs present in the headspace of this container is <= 500ppm: **Y**

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Waste Container Information (continued)

Beryllium present and <=100 kg :	Y	Aqueous Material :	N
Beryllium <=25 kg :	N	Machine Compacted :	N
Beryllium <= 18.14 kg :	Y	1/2" Separation Criteria Met for Compacted Waste :	N
Beryllium <= 5 kg :	Y	Overpack Cntr Number :	LASB00411
Beryllium <= 1% by Weight :	Y	Overpack Cntr Type :	14
Beryllium in form of shavings or fines:	Y	Overpack Cntr Status :	EMPLACED_CNTR
Beryllium is chemically/mechanically bound:	N	Overpack Emplaced :	05/28/2008

Nuclide Information

Radionuclide	Description	Activity (Ci)	Activity Uncert (Ci)	Mass (g)	Mass Uncert (g)	List
AM-241	AMERICIUM 241	7.750E-02	1.820E-02	2.233E-02	5.352E-03	
CS-137	CESIUM 137	2.250E-05	4.700E-06	2.557E-07	5.450E-08	
NP-237	NEPTUNIUM 237	.000E+00	.000E+00	.000E+00	.000E+00	
PU-238	PLUTONIUM 238	<LLD	<LLD	<LLD	<LLD	
PU-239	PLUTONIUM 239	1.240E-01	2.620E-02	1.971E+00	4.250E-01	
PU-240	PLUTONIUM 240	1.370E-01	4.160E-02	5.957E-01	1.846E-01	
PU-241	PLUTONIUM 241	.000E+00	.000E+00	.000E+00	.000E+00	
PU-242	PLUTONIUM 242	<LLD	<LLD	<LLD	<LLD	
SR-90	STRONTIUM 90	2.250E-05	4.700E-06	1.630E-07	3.475E-08	
U-233	URANIUM 233	<LLD	<LLD	<LLD	<LLD	
U-234	URANIUM 234	<LLD	<LLD	<LLD	<LLD	
U-235	URANIUM 235	.000E+00	.000E+00	.000E+00	.000E+00	
U-238	URANIUM 238	<LLD	<LLD	<LLD	<LLD	

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Material Parameters Information

Waste Matl Parm	Description	Weight (kg)
9	SOLIDIFIED INORGANIC MATERIAL	168.40
13	STEEL CONTAINER MATERIALS	27.50
14	PLASTIC/LINERS CONTAINER MATERIALS	7.40

Filter Model Information

Filter Model	Description	Quantity	Install Date
NF073	NFT-073	1	04/09/2005

Assay Methods Information

Radio Assay Method	Description	Assay Date
11HC1	CANBERRA HENC LA06/LAN5	05/09/2005

Characterization Methods Information

Method ID	Description	Charz Method Date
11RR2	RTR - VJ TECHNOLOGIES MOBILE SYSTEM	04/21/2004

Hazardous Code Information

Haz Code	Description
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D022	CHLOROFORM
D028	1,2-DICHLOROETHANE
D037	PENTACHLOROPHENOL
F001	SPENT HALOGENATED SOLVENTS
F002	SPENT HALOGENATED SOLVENTS
F004	SPENT NONHALOGENATED SOLVENTS

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Hazardous Code Information (continued)

<u>Haz Code</u>	<u>Description</u>
F005	SPENT NON-HALOGENATED SOLVENTS
F006	WASTEWATER TREATMENT SLUDGE
F007	SPENT CYANIDE PLATING BATH
F009	SPENT STRIPPING SOLUTION