

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 07:50
Total Pages 5

Selection Criteria -

Container Number LASB00411
 Site Id %
 Waste Stream %
 Data Status Code %

Waste Container Data Report

WIPP Waste
Information System

Waste Isolation Pilot Plant

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Container Number : **LASB00411**
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 : **Container Emplaced at WIPP**
Waste Stream Profile : **LA-MIN03-NC.001**
Container Type : **14 - SWB - OVERPACK**

Waste Container Information

WAC Ex. # :		Handling Code :	CH
WAC Rev # :	6.1	Waste Type:	MTRU
Cert Date :	04/24/2008	Waste Stream BIR ID :	LA-TA-50-19
Cert Site :	C4 - CCP AT LANL	Waste Stream MWIR ID :	NONE
Generator Site :	LA - LOS ALAMOS NATIONAL LABOR	TRU Alpha Act (Ci) :	4.772E-01
IDC Code :	NONE	TRU Alpha Act Uncert (Ci) :	5.793E-02
Matrix Code :	S3120	TRU Alpha Act Conc (Ci/g) :	7.598E-07
TRUCON Code :		TRU Alpha Act Conc Uncert (Ci/g) :	3.462E-07
Shipping Category :		Pu239 Eq Act (PE Ci) :	4.772E-01
PCB Conc (ppm) :		Pu239 Fiss Gm Eq (FGE) :	2.722E+00
Decay Heat (watts) :	1.527E-02	Pu239 Fiss Gm Eq Uncert (FGE) :	4.401E-01
Decay Heat Uncert (watts) :	1.843E-03	U-235 FEM (wgt %) :	
Closure Date :	04/23/2008	U-235 FEM Uncert (wgt %) :	
Vent Date :	04/23/2008	Layers of Packaging :	1
Waste Generation Date:		Fill Factor (%) :	37
Aspiration Method ID :		Liner Exists :	Y
Gas Gen Rate :		Liner Hole Size (mm) :	478
Gas Hyd Meth Gen Rate :		Gross Weight (kg) :	1058.5
Gas Gen Comp Date :		Gross Weight Uncert (kg) :	15.21
Truncated FGGR Test :	N	Alpha Surf Cont (dpm/100cm2) :	19
Trunc FGGR Test Period (days) :		BG Surf Cont (dpm/100cm2) :	199
Shipment Num :	LA080037	BG Dose Rate (mrem/hr) :	.1
Packaging Num :	189	Neut Dose Rate (mrem/hr) :	.4
Assembly ID :	LA1852	Total Dose Rate (mrem/hr) :	.5
Container Disposal Date :	05/28/2008	PCB Waste :	N
Container Status Code :	XO4	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 :	Y	Machine Compacted :	N
Beryllium <= 18.14 kg :	Y	1/2" Separation Criteria Met for Compacted Waste :	N
Beryllium <= 5 kg :	Y	Overpack Cntr Number :	
Beryllium <= 1% by Weight :	Y	Overpack Cntr Type :	
Beryllium in form of shavings or fines:	Y	Overpack Cntr Status :	
Beryllium is chemically/mechanically bound:	N	Overpack Emplaced :	

Inner Container Information

Container Number	Container Type
LAS794304	17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION
LAS804763	16 - 55 GAL DRUM TO BE OVERPACKED - GOOD CONDITION
LAS817174	17 - 55 GAL DRUM TO BE OVERPACKED - DAMAGED CONDITION
LAS850388	16 - 55 GAL DRUM TO BE OVERPACKED - GOOD CONDITION

Nuclide Information

Radionuclide	Description	Activity (Ci)	Activity Uncert (Ci)	Mass (g)	Mass Uncert (g)	List
AM-241	AMERICIUM 241	1.938E-01	3.003E-02	5.586E-02	8.831E-03	
CS-137	CESIUM 137	4.498E-05	5.839E-06	5.111E-07	6.771E-08	
NP-237	NEPTUNIUM 237	1.840E-06	4.620E-07	2.581E-03	6.612E-04	
PU-238	PLUTONIUM 238	.000E+00	.000E+00	.000E+00	.000E+00	
PU-239	PLUTONIUM 239	1.458E-01	2.677E-02	2.318E+00	4.343E-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	.000E+00	.000E+00	.000E+00	.000E+00	
SR-90	STRONTIUM 90	4.498E-05	5.839E-06	3.259E-07	4.318E-08	

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Nuclide Information (continued)

Radionuclide	Description	Activity (Ci)	Activity Uncert (Ci)	Mass (g)	Mass Uncert (g)	List
U-233	URANIUM 233	.000E+00	.000E+00	.000E+00	.000E+00	
U-234	URANIUM 234	5.290E-05	1.580E-05	8.370E-03	2.551E-03	
U-235	URANIUM 235	1.310E-06	3.900E-07	5.982E-01	1.817E-01	
U-238	URANIUM 238	.000E+00	.000E+00	.000E+00	.000E+00	

Material Parameters Information

Waste Matl Parm	Description	Weight (kg)
1	IRON BASE METAL ALLOYS	110.60
8	PLASTICS	33.70
9	SOLIDIFIED INORGANIC MATERIAL	624.00
13	STEEL CONTAINER MATERIALS	290.00

Filter Model Information

Filter Model	Description	Quantity	Install Date
NF019D	NUC-FIL-019DS	4	04/23/2008

Assay Methods Information

See Assay Methods Information for Inner containers.

Characterization Methods Information

See Characterization Methods Information for Inner containers.

Hazardous Code Information

Haz Code	Description
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD

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Hazardous Code Information (continued)

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

Sample Information

See Sample Information for Inner containers.

Location Information

<u>Panel Number</u>	<u>Room Number</u>	<u>Row</u>	<u>Col</u>	<u>Ht</u>
4	3	12	2	B