



# Waste Container Data Report

WIPP Waste  
Information System

Waste Isolation Pilot Plant

Page 2 of 5

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

# Waste Container Data Report

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 (continued)

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

### Inner Container Information

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

# Waste Container Data Report

WIPP Waste  
Information System

Waste Isolation Pilot Plant

Page 4 of 5

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**

## 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

# Waste Container Data Report

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**

## Hazardous Code Information (continued)

Haz Code	Description
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

Panel Number	Room Number	Row	Col	Ht
4	3	12	2	B