

ATTACHMENT J
HAZARDOUS WASTE MANAGEMENT UNIT TABLES

Waste Isolation Pilot Plant
Hazardous Waste Permit
April 15, 2011

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**Table J-1
Waste Handling Building (WHB) Container Storage Unit**

Description	Area	Maximum Capacity	Container Equivalent
CH Bay Storage Area	32,307 ft ² (3,001 m ²)	4,800 ft ³ (135.9 m ³)	13 loaded facility pallets and 4 CH Packages at the TRUDOCKS
CH Bay Surge Storage Area	included in CH Bay Storage Area	1,600 ft ³ (45.3 m ³)	5 loaded facility pallets
Derived Waste Storage Area	included in CH Bay Storage Area	66.3 ft ³ (1.88 m ³)	1 Standard Waste Box
Total for CH Waste	32,307 ft ² (3,001 m ²)	6,466.3 ft³ 183.1 m³	
RH Bay	12,552 ft ² (1,166 m ²)	156 ft ³ (4.4 m ³)	2 loaded casks and 1 drum of derived waste
Cask Unloading Room	382 ft ² (36 m ²)	74 ft ³ (2.1 m ³)	1 loaded cask
Hot Cell	1,841 ft ² (171 m ²)	94.9 ft ³ (2.7 m ³)	12 drums and 1 drum of derived waste
Transfer Cell	1,003 ft ² (93 m ²)	31.4 ft ³ (0.89 m ³)	1 canister
Facility Cask Loading Room	1,625 ft ² (151 m ²)	31.4 ft ³ (0.89 m ³)	1 canister
Total for RH Waste	17,403 ft² (1,617 m²)	387.7 ft³ (11.0 m³)	
WHB Unit Total	49,710 ft² (4,618 m²)	6,854 ft³ (194.1 m³)	

**Table J-2
 Parking Area Container Storage Unit**

Description	Area	Maximum Capacity	Container Equivalent
Parking Area	137,050 ft ² (12,730 m ²)	6,734 ft ³ (191 m ³)	40 Contact-Handled Packages containing waste and 8 Remote-Handled Packages containing waste. The total number of Contact-Handled Packages containing waste in the Parking Area Unit cannot exceed 50.
Parking Area Surge Storage	Included in Parking Area	2,129 ft ³ (60 m ³)	12 Contact-Handled Packages and 4 Remote-Handled Packages. The total number of Contact-Handled Packages containing waste in the Parking Area Unit cannot exceed 50.

**Table J-3
Underground Hazardous Waste Disposal Units**

Description¹	Waste Type	Maximum Capacity²	Container Equivalent
Panel 1	CH TRU	636,000ft ³ (18,000 m ³)	86,500 55-Gallon Drums
Panel 2	CH TRU	636,000 ft ³ (18,000 m ³)	86,500 55-Gallon Drums
Panel 3	CH TRU	662,150 ft ³ (18,750 m ³)	90,150 55-Gallon Drums
Panel 4	CH TRU	662,150 ft ³ (18,750 m ³)	90,150 55-Gallon Drums
	RH TRU	12,570 ft ³ (356 m ³)	400 RH TRU Canisters
Panel 5	CH TRU	662,150 ft ³ (18,750 m ³)	90,150 55-Gallon Drums
	RH TRU	15,720 ft ³ (445 m ³)	500 RH TRU Canisters
Panel 6	CH TRU	662,150 ft ³ (18,750 m ³)	90,150 55-Gallon Drums
	RH TRU	18,860 ft ³ (534 m ³)	600 RH TRU Canisters
Panel 7	CH TRU	662,150 ft ³ (18,750 m ³)	90,150 55-Gallon Drums
	RH TRU	22,950 ft ³ (650 m ³)	730 RH TRU Canisters
Panel 8	CH TRU	662,150 ft ³ (18,750 m ³)	90,150 55-Gallon Drums
	RH TRU	22,950 ft ³ (650 m ³)	730 RH TRU Canisters
Total	CH TRU	5,244,900 ft³ (148,500 m³)	713,900 55-Gallon Drums
	RH TRU	93,050 ft³ (2,635 m³)	2960 RH TRU Canisters

¹ The area of each panel is approximately 124,150 ft² (11,533 m²).

² "Maximum Capacity" is the maximum volume of TRU mixed waste that may be emplaced in each panel. The maximum repository capacity of "6.2 million cubic feet of transuranic waste" is specified in the WIPP Land Withdrawal Act (Pub. L. 102-579, as amended)