

PERMIT ATTACHMENT J HAZARDOUS AND MIXED WASTE MANAGEMENT UNITS

J.1 ACTIVE PORTION OF THE FACILITY

The active portion of the facility comprises those units permitted to treat and store hazardous and mixed waste. These units are listed in Table J-1.1.

The following information describes process codes and associated process descriptions:

- S01-storage in containers (Table J-1.1)
- T04-treatment in containers (Table J-1.2)
- X01-treatment by open burning (Table J-1.2)
- T04-physical treatment (Table J-1.2)

Table J-1.1. Units Permitted for Storage in Containers (Process Code S01)			
Unit Identifier	Storage Capacity	General Information	Type of Unit
TA-I: Hazardous Waste Handling Unit Building 958	59,950 gal	Includes hazardous and mixed waste packaging and storage Total square footage : 3520	Indoor
TA-I: Hazardous Waste Handling Unit Building 959	7,590 gal	Includes hazardous and mixed waste packaging and storage Total square footage: 1800	Indoor
TA-I: Hazardous Waste Handling Unit, Modular Storage Building 958B	5,000 gal	Includes the storage of ignitable and reactive wastes (e.g., lithium batteries) and flammable solids Total square footage: 176	Indoor
TA-I: Hazardous Waste Handling Unit, Modular Storage Building 958C	5,000 gal	Includes the storage of ignitable and reactive wastes (e.g., lithium batteries) and flammable solids Total square footage: 176	Indoor
TA-III: Radioactive And Mixed Waste Management Unit - Building 6920	13,420 gal	Includes storage, treatment (see Table J-1.2), and repackaging of hazardous and mixed wastes Total square footage: 5800	Indoor
TA-III: Radioactive And Mixed Waste Management Unit - in Building 6921	7,810 gal	Includes treatment (See Table J-1.2), , repackaging and storage of hazardous and mixed wastes Total square footage: 1450	Indoor
TA-III: Radioactive And Mixed Waste Management Unit - Building 6925	83,160 gal	Includes treatment (See Table J-1.2), repackaging and storage of hazardous and mixed wastes Total square footage: 4000	Indoor
TA-III: Radioactive And Mixed Waste Management Unit - Building 6926	83,160 gal	Includes storage of hazardous and mixed wastes Total square footage: 4000	Indoor

Table J-1.1. Units Permitted for Storage in Containers (Process Code S01)			
Unit Identifier	Storage Capacity	General Information	Type of Unit
TA-III: Radioactive And Mixed Waste Management Unit - Modular Storage Building TP150	1,100 gal	Includes storage of reactive and ignitable hazardous and mixed wastes Total square footage: 207	Indoor
TA-III: Radioactive And Mixed Waste Management Unit - Modular Storage Building TP153	1,100 gal	Includes storage of reactive and ignitable hazardous and mixed wastes Total square footage: 207	Indoor
TA-III: Radioactive And Mixed Waste Management Unit - Asphalt Storage Area located North, East, and West of Building 6920	19,800 gal	Includes the storage of hazardous and mixed wastes. Total square footage: 48500	Outdoor
TA-V: Auxiliary Hot Cell Unit	6,620 gal	Includes storage, treatment (See Table J-1.2), and repackaging of hazardous and mixed wastes in Building 6597 Total square footage: 3500	Indoor
TA-V: Auxiliary Hot Cell Unit	1,455 gal	Includes storage of mixed waste in Storage Silos located in Building 6597 Total square footage: 13	Indoor
Manzano Base: Bunker 37034	25,080 gal	Includes storage of hazardous and mixed waste Total square footage: 2146	Indoor
Manzano Base: Bunker 37045	18,480 gal	Includes storage of hazardous and mixed waste Total square footage: 1608	Indoor
Manzano Base: Bunker 37055	18,480 gal	Includes storage of hazardous and mixed waste Total square footage: 1608	Indoor
Manzano Base: Bunker 37057	18,480 gal	Includes storage of hazardous and mixed waste Total square footage: 1608	Indoor
Manzano Base: Bunker 37118	35,200 gal	Includes storage of hazardous and mixed waste Total square footage: 2433	Indoor

Table J-1.2. Units Permitted for Treatment (Process Codes T04 and X01)				
Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
TA-III: Radioactive And Mixed Waste Management Unit – All treatment in Buildings 6920 and 6921 Macroencapsulation also in Building 6925	T04	65 gal/day 3,000 gal/yr	Chemical deactivation	Indoor
		80 lb/day 150 lb/yr	Thermal deactivation	
		550 gal/day 6,000 gal/yr	Stabilization and solidification	
		16 lb/day 100 lb/yr	Amalgamation	
		13,800 gal/day 138,000 gal/yr	Macroencapsulation	
		5,000 lb/day 50,000 lb/yr	Physical treatment	
			See Table J-1.1 for storage	
TA-III: Thermal Treatment Unit	X01	20.8 gal in pan 9,500 lb/yr	Open burning	Outdoor
TA-V: Auxiliary Hot Cell Unit	T04	55 gal/day 2,000 gal/yr	Chemical deactivation	Indoor
		550 gal/day 2,000 gal/yr	Stabilization and solidification	
		840 gal/day 6,000 gal/yr	Macroencapsulation	
		5,000 lb/day 50,000 lb/yr	Physical treatment	
			See Table J-1.1 for storage	

Units subject to post-closure care under this Permit are listed in Table J-2. The Chemical Waste Landfill is regulated under a stand-alone Post-Closure Care Permit.

Table J-2. Permitted Units Undergoing Post-Closure Care (Process Code S99)			
Unit Identifier	Regulatory Status	Operating Capacity	General Information
TA-III: Corrective Action Management Unit	Post-Closure Permitted Unit	31,800 cubic yards	Post-Closure care of CAMU containment cell where remediation wastes remain in place

The closed units that are listed in Table J-3 do not require post-closure care and are not considered units subject to the requirements of this Permit. Therefore, Table J-3 is for informational purposes only.

Table J-3. Closed Units Not Requiring Post-Closure Care				
Unit Identifier	Process Codes	Regulatory Status	Operating Capacity	General Information
TA-V: High Bay Waste Storage Unit, Building 6596	S01	Clean Closed	100,320 gallons	Container storage unit underwent RCRA Clean Closure in June of 2006
Manzano Base: Bunker 37063	S01	Clean Closed	25,080 gallons	Container storage unit was never used for hazardous or mixed waste storage. Therefore, the application to permit it was withdrawn and the Unit was closed in October of 2006
Manzano Base: Bunker 37078	S01	Clean Closed	35,200 gallons	Container storage unit was never used for hazardous or mixed waste storage. Therefore, the application to permit it was withdrawn and the Unit was closed in October of 2006