

**ATTACHMENT J**  
**HAZARDOUS WASTE MANAGEMENT UNITS**

**TABLE J-1**

**Active Portion of the Facility**

Includes units permitted to store and treat hazardous waste, interim status units, and the Material Disposal Areas.

Process codes and associated process descriptions:

- S01-storage in containers
- S02-storage in tanks
- S99-other storage
- D80-landfill
- T04 – other treatment
- X01\*-open burning
- X01\*\*-open detonation

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
TA-3-29	S01  T04	18,500 gal  3,441 gal/day	Includes Room 9010 and portions of Room 9020 and 9030  Located in Wing 9 of the basement of Building 29  Includes treatment process for macroencapsulation  Total square footage – 3,040	Indoor

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
TA-14-23	X01*	50 lbs HE/burn	Near Structure TA-14-23 Interim Status Unit	NA
TA-14-23	X01**	20 lbs HE/detonation	Near Structure TA-14-23 Interim Status Unit	NA

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
TA-16-388	X01*		Flash Pad Total square footage - 484 Interim Status Unit	Outdoor (associated with a open burn unit)
TA-16-399	X01*		Burn Tray Total square footage - 64 Interim Status Unit not authorized to treat hazardous waste and undergoing closure	Outdoor (associated with an open burn unit)
TA-36-8	X01**	2000 lbs/detonation	Near Structure TA-36-8 Interim Status Unit	NA
TA-39-6	X01**	1000 lbs/detonation	Near Structure TA-39-6 Interim Status Unit	NA
TA-39-57	X01**	1000 lbs/detonation	Near Structure TA-39-57 Interim Status Unit	NA
TA-50-69 Indoor	S01 T04	1,500 gal 275 gal/day  1,100 gal/day	Includes Rooms 102 and 103. Includes treatment process for stabilization of nitrate salt-bearing waste.  Includes resizing of oversized waste.Total square footage – 2,680	Indoor

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>Operating Capacity</b>	<b>General Information</b>	<b>Type of Unit</b>
TA-50-69 Outdoor Pad	S01 T04	30,000 gal  3,441 gal/day	Includes 50-75 and 50-194.  Includes treatment process for macroencapsulation.  Total square footage – 2,160	Outdoor (not associated with a regulated unit)
TA-54 “G”	D80	NA	Material Disposal Area  Unit not permitted to receive hazardous waste	Regulated unit
TA-54 Area G Container Storage Unit (below ground)	S99	4,950 gal	Includes shafts 145 and 146  Wastes removed and unit undergoing closure, closure certification incomplete	NA
TA-54 Area G Pad 1	S01 T04	502,920 gal  23,160 gal/day	Includes building TA-54-412 (DVRs)  Includes treatment process for macroencapsulation, stabilization (including absorption), and neutralization  Approximately 76,000 square feet	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 3	S01	213,840 gal  23,160 gal/day	Includes Storage Dome 48  Includes treatment process for macroencapsulation  Approximately 17,000 square feet	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 5	S01 T04	623,480 gal  23,160 gal/day	Includes Storage Domes 49 and 224 and Storage Sheds 144, 145, 146, 177, 1027, 1028, 1030, and 1041  Pad 5 is a consolidation of former Pads 5, 7, and 8.  Includes treatment process for macroencapsulation	Outdoor (associated with a regulated unit)

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
			Total square footage – 59,900	
TA-54 Area G Pad 6	S01  T04	597,300 gal  23,160 gal/day	Includes Storage Domes 153 and 283; and Transportainer 491.  Includes treatment process for macroencapsulation  Approximately 62,700 square feet	Outdoor (associated with an regulated unit)
TA-54 Area G Pad 9	S01  T04	1,446,720 gal  23,160 gal/day	Includes Storage Domes 229, 230, 231, and 232.  Includes treatment process for macroencapsulation, stabilization (including absorption) and neutralization  Total square footage – 158,000	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 10	S01  T04	159,770 gal  23,160 gal/day	Includes Transuranic (TRU) Waste Characterization Facilities: TA-54-0547 (SuperHENC), TA-54-0498 (LANL HENC), TA-54-0545 and 546 (Storage trailers), <u>and 438.</u>  Pad 10 is a consolidation of former Pads 2 and 4.  Includes treatment process for macroencapsulation  Approximately 89,600 square feet	Outdoor (associated with a regulated unit)
TA-54 Area G Pad 11	S01  T04	682,440 gal  23,160 gal/day	Includes Storage Dome 375.  Includes treatment process for macroencapsulation  Includes treatment process for stabilization (including	Outdoor (associated with a regulated unit)

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
			absorption) and neutralization Total square footage – 65,500	
TA-54 Area G Storage Shed 8	S01	11,880 gal	Also referred to as TA-54-8 Total square footage - 640	Indoor
TA-54 Area G TA-54-33	S01 T04	108,240 gal 23,160 gal/day	Also referred to as Drum Prep Facility Includes treatment process for macroencapsulation Total square footage – 8,570	Indoor
TA-54 “H”	D80	NA	Material Disposal Area H Unit not permitted to receive hazardous waste	Regulated unit
TA-54 “L”	D80	NA	Material Disposal Area L Unit not permitted to receive hazardous waste	Regulated unit
TA-54 Area L Container Storage Unit (below ground)	S99	600 gal	Includes shafts 36 and 37 Wastes removed and unit undergoing closure, closure certification incomplete	NA
TA-54 Area L Outdoor Pad	S01 T04	407,880 gal 23,160 gal/day	Includes all area within fence-line except limited administrative areas. Includes Storage Sheds 31, 68, 69, and 70; Storage Pads 32, 35, 36, and 58; and Building 39; and Storage Dome 215 (former Area 1). Includes treatment process for macroencapsulation Total square footage – 110,500	Outdoor (associated with a regulated unit)

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>Operating Capacity</b>	<b>General Information</b>	<b>Type of Unit</b>
TA-54-38 West Indoor	S01	4,950 gal	Includes High Bay and Low Bay Total square footage – 4,060	Indoor
TA-54-38 West Outdoor Pad	S01 T04	29,160 gal 3,441 gal/day	Includes loading dock and Pad surrounding Includes treatment process for macroencapsulation Total square footage – 37,900	Outdoor (not associated with a regulated unit)
TA-54-38 West Outdoor Pad	S01	13,410 gal	Excess storage capacity Included in total square footage above	Outdoor (not associated with a regulated unit)
TA-55-4, B40	S01 T04	21,500 gal 3,441 gal/day	Located in basement Referred to as Area 1 Includes treatment process for macroencapsulation Total square footage – 3,380	Indoor
TA-55-4, K13	S01	2,500 gal	Located in basement Referred to as Area 4 Total square footage - 208	Indoor
TA-55-4, B05	S01	3,600 gal	Located in basement Referred to as Area 5 Non-liquid wastes only Total square footage - 260	Indoor
TA-55-4, B45	S01 T04	11,000 gal 3,441 gal/day	Located in basement Non-liquid wastes only Includes treatment process for macroencapsulation Total square footage - 788	Indoor

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>Operating Capacity</b>	<b>General Information</b>	<b>Type of Unit</b>
TA-55-4, B13	S01	4,950 gal	Located in basement Non-liquid waste only Total square footage - 495.83	Indoor
TA-55-4, G12	S01	5,225 gal	Located in basement Non-liquid waste only Total square footage - 512.98	Indoor
TA-55-4, Vault	S01	4,000 gal	Located in basement Referred to as Area 6 Total square footage – 4,020	Indoor
TA-55-4-401 Mixed Waste Storage Tank System	S02	Storage - 137 gal	TA-55-4 Room 401 Unit divided into two components (Evaporator Glovebox Storage Tank System and Cementation Storage Tank System)  Ancillary equipment and secondary containment.  Total square footage – 4,500	Indoor
TA-55-4-401 Mixed Waste Stabilization Unit	T04	Treatment - 150 gal / day	TA-55-4 Room 401 Total square footage – 4,500	Indoor
TA-55-4 Outdoor Storage Pad	S01  T04	135,000 gal  3,441 gal/day	Located outside and west of TA-55-4  Includes treatment process for macroencapsulation  Total square footage – 11,100	Outdoor (not associated with a regulated unit)
TA-55-355 Pad	S01  T04	84,370 gal  3,441 gal/day	Includes canopy and pad Includes treatment process for macroencapsulation  Total square footage - 13,390	Outdoor (not associated with a regulated unit)
TA-60, Building 17	S01	17,600 gal	Located in the southern wing of Building 17 (TA-60-0017)	Indoor

Unit Identifier	Process Codes	Operating Capacity	General Information	Type of Unit
	T04	3,441 gal/day	Includes treatment process for macroencapsulation Total square footage -3,480	
TA-63 Transuranic Waste Facility	S01 T04	105,875 gal 23, 160 gal/day	Includes TA-63-0149 through 0153 Storage Buildings, TA-63-0154 Storage and Characterization Building, TA-63-0155 through 0157 Characterization Trailers, and Outside Storage Pad Includes treatment process for macroencapsulation Total square footage—79,239	Outdoor (not associated with a regulated unit)

**TABLE J-2**

**Permitted Units Undergoing Post-Closure Care**

There are no units in post-closure care.

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>Regulatory Status</b>	<b>Operating Capacity</b>	<b>General Information</b>
(none)				

**TABLE J-3**

**Closed Portion of the Facility not in Post-Closure Care**

Closed units in this table are not considered units addressed under the Permit. Therefore, this table is for informational purposes only.

Process codes and associated process descriptions:

- D80-disposal trench
- D83-surface impoundment disposal
- S01-storage in containers
- S02-storage in tanks
- S04-surface impoundment
- S99-storage in shafts
- T01-treatment in tanks
- T03-incinerator
- T04-other treatment
- X01\*-open burning
- X01\*\*-open detonation

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>General Information</b>
TA-3-102	S01	(High Explosives Storage Unit)
TA 9-39	S01	
TA 09-43	T04	Hydrothermal Processing Unit (HPU)  unit never managed hazardous waste
TA-15-184,	T04, X01**	OD site (Phermix)) Site was never used to treat hazardous waste
TA-16-88	S01	unit never stored hazardous waste
TA-16-387	X01** T04	Flash Pad 387 Underwent RCRA closure in conjunction with Material Disposal Area (MDA) P in 2002.
TA-16-394	X01* and X01** T04	
TA-16-401	X01* and X01**	(Pressure Vessel - sand filter tank)

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>General Information</b>
TA-16-406	X01* and X01**	(Pressure Vessel - sand filter tank)
TA-16 Surface Impoundment	S04 - D83	
TA-16 Incinerator	T03	(TA-16-1409)
TA-16, Material Disposal Area P	D80	
TA-21-61	S01	
TA-22-24	S01	(High Explosive Storage Unit)
TA-33-90	S01	Application was withdrawn and that the unit never stored hazardous waste.
TA-33-92	S01	Application was withdrawn and that the unit never stored hazardous waste.
TA-35-85, Surface Impoundment	S04 - D83	
TA-35-125, Surface Impoundment	S04 - D83	Closure by removal.
TA 35-128	T03	Packed Bed Reactor/Silent Discharge Plasma Research
TA-39, MDA-Y	D80	
TA-40, Scrap Detonation Unit	X01** T04	
TA-40-DF2 (magazine)	S01	Converted to a <90 day storage unit
TA-50-1, Batch Waste Treatment Unit (BWTU)	T01	
TA-50-1, Container Storage Unit(s) associated with BWTU	S01	
TA-50-1, Room 34B	S01	unit never managed hazardous waste
TA-50-1, Room 34C	S01	unit never managed hazardous waste
TA-50-1, Room 35	S01	unit never managed hazardous waste
TA-50-1, Room 36	S01	unit never managed hazardous waste

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>General Information</b>
TA-50-1, Room 38	S01	unit never managed hazardous waste
TA-50-1, Room 38A	S01	unit never managed hazardous waste
TA-50-1, Room 59	S01	Radioactive Liquid Waste Treatment Facility (RLWTF)
TA-50-1, Room 60A	T04	Cementation Treatment Unit Proposed treatment process was revised to generator treatment in a < 90 day storage area.
TA-50-37	T03	Controlled Air Incinerator (CAI)
TA-50-37 RAMROD	T04	Radioactive Materials Research, Operations and Demonstration Facility (RAMROD). LANL withdraws permit request. Convert unit(s) to <90 day storage.
TA-50-37, Storage Tanks	S02	Located in Room 115
TA 50-37-112	S01, T03	Location of Controlled Air Incinerator (CAI), part of RAMROD Facility
TA-50-37-114	S01	Part of RAMROD
TA-50-37, Room 115	S01 - S02	Location of storage tanks and waste feed tanks Part of RAMROD
TA-50-37, Room 117	S01	Room used for container storage. Part of RAMROD
TA-50-37, Room 118	S01	Room used for container storage. Part of RAMROD
TA-50-114	S01	Storage shed
TA-50-137	S01	Storage Bldg Unit was never built
TA-50-138	S01	Storage Bldg Unit was never built
TA-50-139	S01	Storage pad Unit was never built

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>General Information</b>
TA-50-140	S01	Storage pad Unit was never built
TA 53-166	S04	South Surface Impoundment Change from closure as a TSD to cleanup under HSWA
TA 53-166	S04	NE Surface Impoundment Change from closure as a TSD to cleanup under HSWA
TA 53-166	S04	NW Surface Impoundment Change from closure as a TSD to cleanup under HSWA
TA-54-L, Waste Oil Storage Tank (WOST)	S02	
TA-54-L, Truck Mounted Container Treatment System	T01	Unit was proposed in a 1993 permit modification and was withdrawn in a 1998 Part A.
TA-54-L, Bldg. 35, Storage/ Treatment Tanks (4)	S02 and (T01)	Pad below the tanks remains operational for waste storage.
TA-55-4, Oxygen Sparging Treatment Furnace	T04	
TA-55-4, B38	S01	Unit also referred to as TA-55-4, basement, Area 2
TA-55-4, basement. Area 7 North end of basement CSA	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-4-401 Mixed waste Monitoring CSA (Area 8 also called FLO-1)	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-4-401 Sphere Material Removal CSA (Area 9)	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>General Information</b>
TA-55-4-401 CSA for Evaporator Salt Precipitate (Area 10)	S01	This unit was included as part of the evaporator glovebox storage tank system in the June 1996 TA-55 Part B
TA-55-4-433 Mixed Waste Monitoring CSA	S01	(Area 11 – referenced as Area 10 in June 1996) Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-4-432 CSA Glovebox Process Waste	S01	(Area 12 - referenced as Area 11 in June 1996) Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-41 CSA Vault	S01	Unit was never used for hazardous waste storage and was withdrawn in the 1998 Part A.
TA-55-185	S01	Unit never managed hazardous waste.
TA-63 Chemical Waste Treatment Skid	T01	This unit was never constructed and was withdrawn in the 1998 Part A application.
TA-63 Liquid Waste Storage Tanks (6)	S02	These tanks were never constructed and were withdrawn in the 1998 Part A application.