

**ATTACHMENT O**  
**HAZARDOUS WASTE MANAGEMENT UNITS**

**TABLE O-1**

**Permitted Units Actively Managing Hazardous Waste**

Includes units permitted to store and treat hazardous waste.

Process codes and associated process descriptions:

- S01-storage in containers
- S02-storage in tanks
- T01-treatment in tanks
- X01\*-open burning
- X01\*\*-open detonation

Unit Identifier	Process Codes	Operating Capacity	General Information
TA-3-29 Room 9010	S01	18,500 gal	Building TA-3-29 Basement Room 9010 in Wing 9 Contains Actinide Source Term Waste Test Program (STTP)
TA-3-29 Room 9020	S01	18,500 gal	Building TA-3-29 Basement Room 9020 in Wing 9
TA-3-29 Room 9030	S01	18,500 gal	Building TA-3-29 Basement Room 9030 in Wing 9
TA-16-388	X01*		Flash Pad
TA-16-399	X01*		Burn Tray
TA-50-69 Indoor Area	S01	1,500 gal	Includes Rooms 102 and 103. Non-liquid wastes only
TA-50-69 Outdoor Area	S01	30,000 gal	None Non-liquid wastes only
TA-54 Area G Pad 1	S01	502,920 gal	Includes TA-54-412 (DVRs), and Storage Dome 226
TA-54 Area G Pad 3	S01	213,840 gal	Includes Storage Dome 48 (TA-54-48)
TA-54 Area G Pad 5	S01	623,480 gal	Includes Storage Domes 49 and 224; Storage Sheds 144, 145, 146, 177, 1027, 1028, 1030, and 1041 Pad 5 is a consolidation of former Pads 5, 7, and 8.
TA-54 Area G Pad 6	S01	597,300 gal	Includes Storage Domes 153 and 283
TA-54 Area G Pad 9	S01	1,446,720 gal	Includes Storage Domes 229, 230, 231, and 232
TA-54 Area G Pad 10	S01	159,770 gal	Transuranic (TRU) Waste Characterization Facilities

Unit Identifier	Process Codes	Operating Capacity	General Information
			Pad 10 is a consolidation of former Pads 2 and 4.
TA-54 Area G Pad 11	S01	682,440 gal	Includes Storage Dome 375
TA-54 Area G Storage Shed 8	S01	11,880 gal	Also referred to as TA-54-8
TA-54 Area G TA-54-33	S01	108,240 gal	Also referred to as Drum Prep Facility
TA-54 Area L Container Storage Unit (above-ground)	S01	407,880 gal	Includes all area within fence except limited administrative areas.  Includes Structures 31, 32, 35, 36, 39, 58, 68, 69, 70, 215 (former Area 1), and 216 (former Area 7).
TA-54 West, Indoor CSU	S01	3,740 gal	Also referred to as TA-54-38  CSU includes High Bay and Low Bay  Non-liquid wastes only
TA-54 West, Outdoor CSU	S01	7,920 gal	Also referred to as loading dock TA-54-38 and Outdoor Pad surrounding TA-54-38  Non-liquid wastes only
TA-55-4, B40	S01	21,500 gal	Located in basement  Referred to as Area 1
TA-55-4, K13	S01	3,400 gal	Located in basement  Referred to as Area 4
TA-55-4, B05	S01	3,600 gal	Located in basement  Referred to as Area 5  Non-liquid wastes only
TA-55-4, B45	S01	11,000 gal	Located in basement  Non-liquid wastes only
TA-55-4, Vault	S01	4,000 gal	Located in basement  Referred to as Area 6
TA-55-4 Mixed Waste Storage/Treatment Tanks	S02, T04	Storage - 137 gal  Treatment - 150 gal / day	TA-55-4, Room 401  Unit divided into two units (Evaporator Glovebox Storage Tank System and Cementation Storage Tank System)
TA-55-185	S01	30,000 gal	
TA-55-4, Outdoor Storage Pad	S01	135,000 gal	Located outside and west of TA-54-4

**TABLE O-2**

**Permitted Units Undergoing Post-Closure Care**

At the time of Permit Issuance (XX-XX-XXXX) 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 O-3**

**Closed Units not in Post-Closure Care**

Process codes and associated process descriptions:

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

Unit Identifier	Process Codes	General Information
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)
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	

Unit Identifier	Process Codes	General Information
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
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.

Unit Identifier	Process Codes	General Information
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
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.

Unit Identifier	Process Codes	General Information
TA-55-4, Oxygen Sparging Treatment Furnace	T04	
TA-55-4, B38	S01	
TA-55-4, basement, Area 2	S01	
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.
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-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.

**TABLE O-4**

**Permitted Units Undergoing Closure**

Process codes and associated process descriptions:

- D99-other disposal

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>Regulatory Status</b>	<b>General Information</b>
TA-54 Material Disposal Area G	D99	Permitted	Unit includes entirety of MDA-G Includes "60 Shafts", Shafts 124, 145, 146 , Shafts 147, 148, and 149, and Pit 29
TA-54 Material Disposal Area H	D99	Permitted	Unit includes entirety of MDA-H Includes Shaft 9.
TA-54, Material Disposal Area L,	D99	Permitted	Unit includes entirety of MDA-L Includes "Shafts 1, 13-17, and 19-34 and Impoundments B and D.

**TABLE O-5**

**Interim Status Units Actively Managing Hazardous Waste**

Hazardous waste management units at TAs 14, 36, and 39 are, at the time of draft permit issuance (August 2007), operating and regulated under interim status.

Process codes and associated process descriptions:

- X01\*-open burning
- X01\*\*-open detonation

<b>Unit Identifier</b>	<b>Process Codes</b>	<b>Operating Capacity</b>	<b>General Information</b>
TA-14-23	X01*	50 lbs HE/burn	Near Structure TA-14-23
TA-14-23	X01**	20 lbs HE/detonation	Near Structure TA-14-23
TA-36-8	X01**	2000 lbs/detonation	Near Structure TA-36-8
TA-39-6	X01**	1000 lbs/detonation	Near Structure TA-39-6
TA-39-57	X01**	1000 lbs/detonation	Near Structure TA-39-57