

TABLE 4.15.2-1.—Livermore Site Waste Management Facilities and Capacities^a

Facility	Unit Type	Waste Type	Capacity
Area 612 Facility			
Building 625 CSU	S	H, M, R, TSCA, CT	42,416 gal
Area 612 Tank Trailer Storage Unit	S	CT, H, M, R	5,000 gal
Area 612 Portable Tank Storage Unit	S	CT, H, M, R	10,000 gal
Area 612-1 CSU	S	CT, H, M, R	38,400 ft ³
Area 612-2 CSU	S	CT, H, M, R	10,560 gal
Area 612-4 Receiving, Segregation, and CSU	S	H, M, R, TSCA, CT	NA
Area 612-5 CSU	S	CT, H, M, R	26,900 ft ³
Building 612 Size Reduction Unit	T	CT, H, M, R	250 short tons/yr
Building Lab Packing/Packaging	T	CT, H, M, R	NA
Building Drum/Container Crushing Unit	T	CT, H, M, R	600 short tons/yr
Building 612 CSU	T	CT, H, M, R	7,150 gal
Building 614 West Cells CSU	S	CT, H, M, R	168 gals/cell (4 cells)
Building 614 East Cells CSU	S	CT, H, M, R	880 gals/cell (4 cells)
DWTF Complex			
Building 693 CSU	S	CT, H, M, R	141,240 gal
Building 693 Annex	S	CT, H, M, R	3,060 ft ³
Building 693 Yard—Freezer Storage Unit	S	CT, H, M, R	30 gal
Building 693 Yard—Roll-Off Bin Storage Unit	S	CT, H	2,160 ft ³
Building 695 Airlock	S	H, M	12,000 gal
Building 695 LWPA Waste Blending Station, Tank Blending Unit	T	CT, H, M, R	Part of 695 Tank Farm capacity
Building 695 LWPA Waste Blending Station, Portable Blending Unit	T	CT, H, M, R	Part of 695 Tank Farm capacity
Building 695 LWPA Cold Vapor Evaporation Unit	T	CT, H, M, R	Part of 695 Tank Farm capacity
Building 695 LWPA Centrifuge Unit	T	CT, H, M, R	55,000 gal/yr
Building 695 LWPA Solidification Unit	T	CT, H, M, R	115 short tons/yr
Building 695 LWPA Shredding Unit	T	CT, H, M, R	180 short tons/yr
Building 695 LWPA Filtration Unit	T	CT, H, M, R	2,750 gal/yr
Building 695 LWPA Drum Rinsing Unit, Bulking Station	T	CT, H, M, R	182 short tons/yr
Building 695 LWPA Debris Washer Unit	T	CT, H, M, R	45 short tons/yr
Building 695 LWPA Gas Adsorption Unit	T	CT, H, M, R	0.09 short tons/day
Building 695 LWPA Radwaste Evaporator	T (non RCRA)	R	
Building 695 LWPA Air Lock	(non RCRA)	R	
Building 695 RWPA/SSTL Water Reactor			0.09 short tons/day
Building 695 RWPA/SSTL Pressure Reactor			0.09 short tons/day
Building 695 RWPA/SSTL Amalgamation Reactor			0.09 short tons/day
Building 695 RWPA/SSTL Uranium Bleaching Unit			0.09 short tons/day

TABLE 4.15.2-1.—Livermore Site Waste Management Facilities and Capacities^a (continued)

Facility	Unit Type	Waste Type	Capacity
Small Scale Treatment Laboratory	T	H, M, R	0.04 short tons/day
Reactive Waste Storage Room	S	CT, H, M, R	12,400 gal
DWTF Tank Farm	S, T	CT, H, M, R	45,000 gal (storage), 325,000 gals/yr (treatment)
DWTF Portable Tank Storage Pad	S	CT, H, M, R	22,000 gal
Building 280 (Permitted, never operational)^b			
Building 280 CSU	S	CT, H, M, R	18,140 ft ³
Area 514^b			
Area 514-1 CSU/Treatment Unit Group:	S, T	R, M, TSCA	NA ^c
Area 514-2 CSU	S	R, M, TSCA	NA ^c
Area 514-3 CSU	S	H, R, M, TSCA	NA ^c
Area 514 Wastewater Treatment Tank Farm Unit	T		NA ^c
Building 514 Silver Recovery Unit	Recycle	H	
Building 513 CSU	S	H, M, R	NA ^c
Building 513 Shredding Unit	T	H, M, R	NA ^c
Building 513 Solidification Unit	T	H, M, R	
EWTF-Site 300			
Open Burn Unit -Pan	T	H	150 lb/event
Open Burn Unit -Cage	T	H	260 lb/event
Open Detonation Unit	T	H	350 lb/event
S1	S	H	275 gal
S2	S	H	110 gal
EWSF-Site 300			
Magazine 1	S	H	1,622 lb (net explosive weight)
Magazine 2	S	H	3,209 lb (net explosive weight)
Magazine 3	S	H	5,592 lb (net explosive weight)
Magazine 4	S	H	4,291 lb (net explosive weight)
Magazine 5	S	H	2,744 lb (net explosive weight)
Magazine 816	S	H	9,240 gal (no liquids)
Building 883-Site 300			
Building 883 CSU	S	H	3,300 gal
Building 804-Site 300			
Building 804	Staging and Storage Area	R - only	N/A

^a Typically an operational limit including a combination of hazardous, radioactive, and mixed waste unless otherwise restricted by permit or LLNL management practice.

^b Under all alternatives, this facility would undergo RCRA closure and operational capabilities would be transferred to the DWTF.

^c Values are included with those for B-695 Part B Permit.

CSU = container storage unit; CT = California Toxic (A non-RCRA hazardous waste defined by State of California, pursuant to Title 22, California Code of Regulations); R = radioactive (may include LLW and TRU); S = storage; T = treatment; TSCA = *Toxic Substance Control Act*; H = hazardous; M = mixed; NA = not available; EWTF = Explosive Waste Treatment Facility; ft³ = cubic feet; gal = gallons; lbs = pounds; N/A = not applicable; SWSF = Solid Waste Storage Facility; RWPA/SSTL = Reactive Waste Packing Area / Small Scale Treatment Laboratory; DWTF = Decontamination and Waste Treatment Facility; LWPA = Liquid Waste Processing Area; RCRA = *Resource Conservation and Recovery Act*.