

TABLE H.2.1-2.—*Low-Level and Mixed Low-Level Waste Storage Capability at Y-12 Plant [Page 1 of 2]*

Waste Oil/Solvent Bulk Storage Grade Facility	Input Capability	Total Capacity ^a (m ³)	Comment
Above Grade Storage Pads	Solid LLW	7,130	Aboveground storage of LLW until completion of Low-Level Waste Disposal Facility.
Southeast Switchgear Room Bldg. 9201-4 (Alpha-4)	Solid mixed LLW (Old shutdown process waste) and LLW	65	RCRA Part B storage permit issued on September 28, 1995. Permitted storage capacity.
Bldg. 9404-7 (PCB Drum Storage Facility)	Solid PCB and uranium contaminated waste	40	Storage of liquid and/or hazardous waste not permitted except for PCB waste. Capacity for 496 drums.
Building 9206, Container Storage Area	Liquid/solid LLW and mixed LLW	15	RCRA Part B permit issued September 28, 1995.
Building 9212, Container Storage Area	Liquid/solid LLW and mixed LLW	15	RCRA Part B permit issued September 28, 1995.
Building 9720-25S	Liquid/solid LLW and mixed LLW	334	This is a new facility that previously stored classified waste only. RCRA Part B permit issued September 28, 1995.
Classified Waste Storage Area (CWSA), Bldg. 9720-25	Solid LLW and mixed LLW	495	RCRA Part B permit issued September 28, 1995.
Container Storage Facility (Bldg. 9720-12)	Solid mixed LLW	105	RCRA permit issued September 28, 1995. Design capacity is 123 m ³ . Also contains hazardous and nonhazardous classified waste.
Containerized Waste Storage Area	Liquid/solid LLW and mixed LLW	632	Three concrete pads. RCRA permit issued September 28, 1995.
Contaminated Scrap Metal Storage Yard	Solid LLW (uranium-contaminated scrap)	4,740	No permit necessary.
Cyanide Treatment Facility	Cyanide spent plating batches, mixed LLW	8	RCRA permit issued September 28, 1995. Also treatment facility for hazardous and mixed wastes.
DARA Solid Storage Facility	Solid mixed LLW	5,060	RCRA interim status. Facility full as of August, 1994. Currently within the Environmental Restoration Program.
Depleted Uranium Storage Vaults I and II (9825-A and B oxide vault)	Solid LLW (depleted uranium oxide and metal)	1,020	Two vaults of reinforced concrete.
East Chestnut Ridge Waste Pile	Solid mixed LLW (contaminated soil and spoil from closure of RCRA units)	901	RCRA permit application submitted June 1993.
Liquid Organic Waste Storage Facility (Bldg. 9720-45, OD-10)	Liquid and solid mixed LLW. Ignitable nonreactive and radioactive waste. Can also include hazardous waste.	147	RCRA permit submitted September 1994. Consists of six storage tanks and a diked and covered storage area of approximately 186 m ³ . Additional 40 m ³ of drum storage.
Liquid Storage Facility (Bldg. 9416-35)	Liquid hazardous and mixed LLW	416	RCRA permit-by-rule. Also a treatment unit. Provides temporary storage before treatment.
Oil Land Soils Containment Pad	Soil contaminated with PCBs and volatile organics	612	RCRA permit issued June 30, 1989

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Waste Oil/Solvent Bulk Storage Grade Facility	Input Capability	Total Capacity^a (m³)	Comment
PCB and RCRA Hazardous Drum Storage Facility, Bldg. 9720-9 (western half)	PCB and RCRA hazardous waste	738	RCRA permit issued September 28, 1995. The practical capacity has decreased to 20 m ³ due to renovation. Much of inventory was moved to 9720-25s.
RCRA and PCB Container Storage Area (Bldg. 9720-58)	Solid mixed LLW	580	RCRA permit issued September 28, 1995. Permitted RCRA waste materials. Hazardous waste section included in hazardous waste storage table.
RCRA Staging Area (Bldg. 9720-31)	Liquid and solid mixed LLW and hazardous waste	170	RCRA permit issued September 28, 1995.
Sludge Basin	Solid LLW	2,720	NA
Solid Storage Facility	Solid mixed LLW and hazardous waste to include PCB-contaminated waste	3,100	RCRA permit application submitted June 1993. Contains waste pile contaminated with radioactivity. Facility is currently within the Environmental Restoration Program.
Waste Oil/Solvent Bulk & Storage Facility (Bldg. 9811-1, OD-7)	Liquid hazardous waste and mixed LLW (oils and solvents contaminated with uranium and PCBs)	568	RCRA permit issued September 28, 1995. Four 30,000-gal and three 10,000-gal tanks.
Waste Oil/Solvent Drum Storage Facility (Bldg. 9811-1, OD-8)	Liquid and solid hazardous waste, LLW and mixed LLW	402	RCRA permit issued September 28, 1995. Waste is eventually taken to OD-9 or OD-10.
Waste Oil/Solvent Storage Facility (Bldg. 9811-8, OD-9)	Liquid mixed LLW (including PCBs) and hazardous waste	757	RCRA permit issued September 28, 1995. Site includes five storage tanks. Also includes 33 m ³ of storage for drums.
West End Tank Farm	Mixed LLW (sludge)	9480	Permit by rule.

^a Schedules and capacities for facilities under design or construction are subject to changes such as availability of funds and permit issuance.

Note: NA - not applicable.

Source: DOE 1994n; OR DOE 1993a; OR DOE 1995g; OR MMES 1993f; OR MMES 1995c.