



FACT SHEET

Saltstone Disposal Units

Saltstone Disposal Units (SDU) are permanent disposal units to contain low-activity waste grout produced from solidification of decontaminated non-hazardous salt waste at the Savannah River Site (SRS). These units are cylindrical concrete tanks that are based on a design used commercially for storage of water and other liquids.



SDUs 2,3, and 5 (3 and 5 pictured left) are cylindrical tanks that are 150 feet in diameter, 22 feet tall, and hold approximately three million gallons of grout each. SDU 6 (pictured below), SRS's first mega-volume SDU is a cylindrical tank ten times larger than previous SDUs. SDU 6 construction was completed in July 2017. SDU 6 is 375 feet in diameter, 42 feet high, and will hold approximately 32.8 million gallons of grouted decontaminated low-level salt waste.

SRS will need a total of seven mega-volume SDUs to meet mission needs. Closure operations will begin after most of the units have been constructed and filled.



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