



US Army Corps
of Engineers

Formerly Utilized Sites Remedial Action Program (FUSRAP) St. Louis Downtown Site (SLDS)

Remediation

Contact:

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Location: The St. Louis Downtown Site (SLDS) is in an industrial area on the northeast edge of St. Louis City, west of the Mississippi River and 11 miles southeast of St. Louis Lambert International Airport. The entire site consists of approximately 210 acres of land, which includes a 45-acre manufacturing complex owned by Mallinckrodt Inc. (Mallinckrodt) and 165 acres of adjacent Vicinity Properties.

Description: From 1942 to 1957, the Manhattan Engineer District (MED) and Atomic Engineer Commission (AEC) engaged Mallinckrodt for processing uranium compounds at the SLDS. After MED/AEC operations ceased, government-owned buildings were either demolished or transferred to Mallinckrodt during decommissioning. The Department of Energy (DOE) initially led SLDS cleanup until a 1997 Congressional action transferred Formerly Utilized Sites Remedial Action Program (FUSRAP) responsibility to the U.S. Army Corps of Engineers (USACE). The final cleanup remedy, outlined in a 1998 Record of Decision (ROD), involves selectively excavating and shipping contaminated accessible soils to an out-of-state disposal facility.

Status: Of the 57 properties comprising the SLDS, the USACE has remediated and released 52 properties for unlimited use. The volume of residues was estimated at 100,000 cubic yards (cys) in 1998 and is now estimated at more than 370,000 cys in 2024. To date, more than 341,485 cys of contaminated material was removed and shipped to an out-of-state licensed disposal facility. Inaccessible soils under structures or sewer lines are under evaluation, with Group 1 properties receiving a No Further Action Record ROD in 2014. Group 2 properties are currently being characterized, with potential outcomes including inclusion in Group 1, remediation under the accessible ROD, or the need for a separate Group 2 Properties ROD. Because of the extended period for remediation, Five-Year Reviews (FYRs) have occurred in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). FYRs are conducted to ensure that human health and the environment are being protected by the response action being implemented. The fifth FYR is due August 2025.

Importance: The Environmental Protection Agency (EPA) Region 7 is the lead regulator for the St. Louis FUSRAP sites. USACE works directly with the Missouri Department of Natural Resources (MDNR), Missouri Department of Health and Senior Services (MDHSS), the Department of Energy's Office of Legacy Management (DOE-LM) DOE-LM and local stakeholders. All this coordination helps to execute the approved ROD alternative allowing for protection of human health and the environment while minimizing adverse effects on area landowners and business operations.

Authority: The authority to investigate and remediate FUSRAP sites was transferred from DOE to USACE under the 1998 Energy and Water Development Appropriations Act (Public Law 105-62).

Schedule: Remediation at the SLDS is projected to be complete in 2030, with turnover to DOE-LM for long-term management in 2032.



Figure 1: Remedial Activities at Mallinckrodt Plant 2 North

Activities for FY24: Complete unlimited use release documents for 1 property and ship/dispose of 3,500 cys of contaminated material. Complete remediation at Mallinckrodt Plant 2 North, Mallinckrodt Plant 1 Tank Farm, and DT-2 Bike Path Area. Complete restoration of Gunther Salt North. Continue sampling and preparing remedial work plans. Continue groundwater monitoring and initiate actions to expand the network of wells. Continue coordination to formulate a new ROD for ISOU Group 2 and Mississippi River adjacent to DT-2.

Activities after FY24: Continue remediation and sampling; remove and dispose of contaminated material. Continue environmental monitoring program. Continue documentation for releasing properties. Continue site security and monitoring in preparation for future closeout and eventual transfer to DOE-LM.

Congressional Interest: Senate: Schmitt and Hawley (MO)
House: Bush (MO-1), Wagner (MO-2),
State: Bangert (MO 070), Clemens (MO 072), Nickson-Clark (MO 067), Proudie (MO 073), Gray (MO 075);
STL CO -Webb (D-4)

Financial:

FY24 Presidents Budget: \$9,000,000
Total Federal funding to date: \$411,600,000