



US Army Corps
of Engineers®
St. Louis District

Information Paper

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



Figure 1: Remedial Activities at Mallinckrodt Plant 2 North

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 345,390 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) 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

FUSRAP remediation at SLDS is projected to be complete in 2029 with turnover to DOE-LM for long-term management in 2032.

Activities for FY25

Complete remediation at North Second St/Norfolk Southern Railroad, Keisel Property, Mallinckrodt's Plant 1 Former Building 17, ship 3,500 cubic yards of contaminated soil, and issue documentation releasing at least one property/area in accordance with the 1998 ROD

Activities after FY25

Continue remediation, evaluate and address areas of previously inaccessible soils; and issue documentation releasing properties/areas in accordance with the 1998 ROD.

Congressional Interest

Senate: Schmitt and Hawley (MO)
House: Bell (MO-1)
State: Roberts (D-5), Anderson (MO 076), Aldridge (Ward 14)

Financial

FY25 Presidents Budget: \$11,900,000
Federal Funds Allocated to Date: \$421,082,000