FUSRAP

FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM ST. LOUIS DOWNTOWN SITE (SLDS)

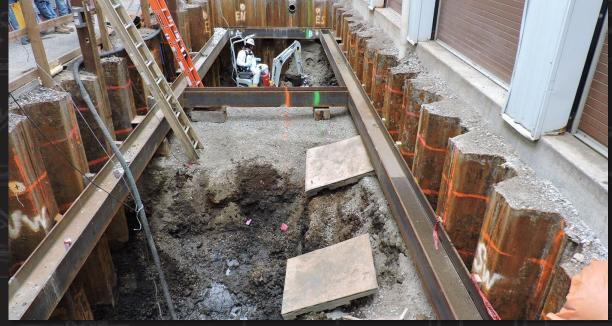
Figerald Garcia FUSRAP SLDS Project Manager USACE, St. Louis District June 08, 2023







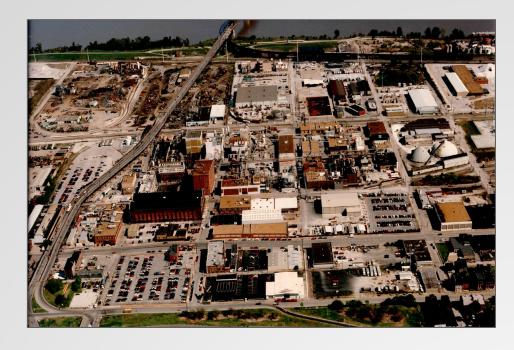




SLDS BACKGROUND



- > St. Louis Downtown Site (SLDS)
 - 45-acre chemical manufacturing complex owned by Mallinckrodt
 - 165 acres of adjacent properties, owned by private and government entities
 - Industrial and commercial area
- Primary Contaminants of Concern
 - Uranium, thorium, radium, arsenic, and cadmium
- ➤ Two Operable Units (OU)
 - Accessible Soils and Groundwater: 1998 Record of Decision required (1) selective excavation and off-site disposal of accessible contaminated soils, and (2) groundwater monitoring
 - Inaccessible Soils Group 1 Properties: 2014 Record of Decision found that No Further Action remedy is protective of human health and the environment



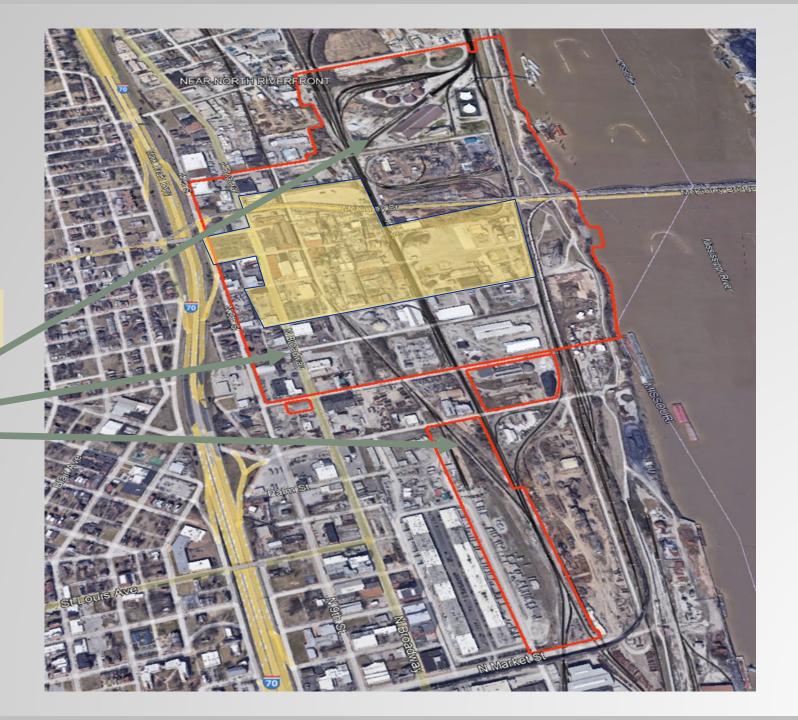
- ➤ Inaccessible Soils Group 2 Areas
 - Areas with inaccessible soils (i.e., under buildings, rail lines) are currently being investigated



SLDS Site Boundary

General Area of Mallinckrodt Plants/Property

Adjacent Properties





STATUS OF SLDS CLEANUP



- ➤ Progress through FY2022:
 - Cubic yards (CY) of contaminated soil removed from site: 336,667 CY
 - Number of properties / areas released for beneficial use: 52





FY23 COMPLETED WORK



- > Cubic yards (CY) of contaminated soil removed from the site: 2,576 CY (Goal: 3,500 CY)
- ➤ Completed fourteen (14) utility support events that ensured radiological safety and protection of utility personnel and property owners during work activities in areas suspected of FUSRAP contamination







FY24 AND BEYOND WORK AHEAD



- ➤ Continue evaluating areas with soils previously considered inaccessible to determine the presence and level of contamination
- > Remediate areas as required in our Record of Decision
- ➤ Continue groundwater monitoring
- >Provide utility support in work activities to ensure the safety of utility personnel
- > Remedy is expected to be complete in FY29
- ➤ Transfer to Dept of Energy Legacy Management



PROJECT CHALLENGES & NEEDS



- Remediation of soils previously considered inaccessible in tight spaces presents significant engineering challenges, requiring more time and increasing cost to complete
- ➤ USACE needs access to properties through Right-of-Entry agreements to be able to sample and remediate any potential soil contamination





CONTACT US



> Website

FUSRAP Website https://www.mvs.usace.army.mil/Missions/FUSRAP/
St. Louis District Website https://www.mvs.usace.army.mil/

- Email <u>STLFUSRAP@usace.army.mil</u>
- General Information

FUSRAP Office 314-260-3905 Public Affairs Office 314-331-8000

Administrative Record

Documents are available for viewing at:

Electronic Reading Room https://www.mvs.usace.army.mil/Missions/FUSRAP/Reading-Room/

FUSRAP Office, 114 James S. McDonnell Blvd., Hazelwood, MO 63042 Hours: Weekdays from 8 a.m. to 3 p.m. – by appointment

St. Louis Public Library, 1301 Olive St., St. Louis, MO 63103 314-241-2288 – Ask for the History Room (by appointment only)