



**US Army Corps
of Engineers®**
St. Louis District

St. Louis Sites Fact Sheet

SLAPS VICINITY PROPERTIES



Cleanup activities at the St. Louis Sites are part of a nationwide U.S. Army Corps of Engineers (USACE) environmental program known as the Formerly Utilized Sites Remedial Action Program (FUSRAP). FUSRAP in St. Louis includes the North County Sites and the St. Louis Downtown Sites. These sites contain soils contaminated with radium, thorium, and uranium as a result of activities associated with the Manhattan Engineer District/Atomic Energy Commission (MED/AEC) during the nation's 1940s and 1950s atomic program.

BACKGROUND

The St. Louis Airport Site Vicinity Properties (SLAPS VPs) consist of approximately 148 properties including parcels along former haul routes between the SLAPS and the Latty Avenue Properties, Coldwater Creek (CWC), open fields ("former Ballfields" area) immediately north of the SLAPS, and other locations contiguous to SLAPS. The impacted areas also include haul routes between the SLAPS and the HISS. These routes include Eva Avenue, Frost Avenue, Hazelwood Avenue, McDonnell Boulevard, and Pershall Road. The SLAPS VPs are primarily located within the cities of Berkeley and Hazelwood, Missouri.

The part of CWC that is a SLAPS VP flows 14.2 miles in a northeasterly direction from Banshee Road to the Missouri River. CWC flows along the western border of SLAPS through the city of Hazelwood, the city of Florissant, unincorporated areas of St. Louis County, and along the northern edge of the community of Black Jack, until it discharges into the Missouri River. There are approximately 700 vicinity properties adjacent to CWC from Highway I-270 to the Missouri River that are also SLAPS VPs. These properties are designated CWC VPs. These properties are primarily residential and recreational properties with some businesses. The USACE continues to investigate/sample the CWC corridor (banks and sediment) and the adjacent properties within the 10-year flood plain. To date, more than 108,000 cubic yards (cys) have been removed from the SLAPS VPs. Because of this progress, USACE has released 115 SLAPS VPs and 80 CWC VPs for beneficial use.



USACE excavates contaminated soils from all properties to levels that allow for unlimited use and unrestricted exposure (UUUE), except for some limited areas where the soils are currently inaccessible.

Low-level radioactive contamination at the SLAPS VPs is linked to both the SLAPS and the Hazelwood Interim Storage Site (HISS)/Futura/Latty Avenue VPs. In 1966, uranium-bearing residues were purchased from Manhattan Engineer District (MED) and removed from SLAPS to Latty Avenue properties under an Atomic Energy Commission (AEC) license. Over time residues migrated from other sites or were deposited when waste was hauled along transportation routes, and the soil and sediment at the SLAPS VPs became contaminated. Cleanup of North County sites was originally led by AEC and later the U.S. Department of Energy (DOE) until a 1997 Congressional action transferred the execution of the remediation

To learn more about FUSRAP, contact the FUSRAP Project Office at 314-260-3905 or, via email, at STLFUSRAP@usace.army.mil.

of FUSRAP sites to the U.S. Army Corps of Engineers (USACE) under the Energy and Water Development Appropriations Act. In early 2000, USACE collected samples from SLAPS, SLAPS VPs, HISS/Futura/Latty Ave VPs, and CWC and developed cleanup alternatives to address all of these sites. In 2005, the North County Record of Decision (ROD) was signed. The selected remedy for soils, sediments and permanent structures is outlined in the North County ROD. USACE excavates contaminated soils from all properties to levels that allow for unlimited use and unrestricted exposure (UUUE), except for some limited areas where the soils are currently inaccessible.

Inaccessible soils are located under permanent structures such as active roads, railways, or buildings where excavation is considered impractical under current conditions. Potential risks from contaminants in these inaccessible areas will be managed by imposing appropriate use restrictions through institutional controls (land use controls).

CURRENT ACTIVITIES

The USACE is currently remediating the “former Ballfields” (Ballfields) IA-09 property. The Ballfields are located north of the SLAPS and is bounded by Eva Avenue (Ave) to the east and McDonnell Boulevard (Blvd) to the south and CWC to the west and north. The Ballfields are owned by the St. Louis Airport Authority. The Ballfields are broken into four areas designated as IA-09 Ballfields, Ballfields North of IA-09, IA-09 North Ditch and IA-08 North Ditch. The former Ballfields are generally level topography. The Ballfields are also bisected by a drainage ditch that flows from south to north from a location near the IA-09 North Ditch to CWC.

The IA-08 North Ditch and IA-09 North Ditch are so named because they are on the north side of McDonnell Boulevard. These ditches parallel McDonnell Blvd and carry McDonnell Blvd runoff from Eva Ave on the east to CWC on the west. The IA-08 North Ditch and IA-09 North Ditch are part of the McDonnell Blvd right-of-way (ROW) that are owned by St. Louis County.

For planning and design purposes the Ballfields were broken into three phases: Phase 1 (23.7 acres), Phase 2/2B (28.2 acres) and Phase 3 (8 acres). Remediation activities at Phase 1 are completed (8,262 cys were removed). Phase 2 is also completed. USACE is currently completing remedial activities at Phase 2B (21,614 cys have been removed from Phase 2/2b to date). Remedial activities in Phase 3 will start in April 2019. Approximately 70,500 cys are expected to be removed. Remedial activities at Phase 3 will take at least 1 to 3 years.

REMEDIAL ACTIVITY PHASES AT FORMER BALLFIELDS

