

# Formerly Utilized Sites Remedial Action Program

## - The St. Louis Sites

### ***FUSRAP***

***August 20, 2015***



**BUILDING STRONG®**

# St. Louis FUSRAP Sites

- St. Louis Downtown Site (SLDS)
- North St. Louis County Sites
  - ▶ St. Louis Airport Site (SLAPS)
  - ▶ Hazelwood Interim Storage Site (HISS)/  
Futura and Latty Avenue Vicinity Properties  
(VPs)
  - ▶ SLAPS Vicinity Properties (SLAPS VPs)



# FUSRAP Overview

- The Formerly Utilized Sites Remedial Action Program is an environmental remediation program that addresses radiological contamination generated by our nation's early atomic weapons program.
- FUSRAP execution transferred from Dept. of Energy to the U.S. Army Corps of Engineers in Oct 1997
- Legally required to follow the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) /National Contingency Plan (NCP) Process
- Funded annually by Congress
- FUSRAP Objectives
  - ▶ Protect Human Health and the Environment
  - ▶ Follow the Record of Decision which explains the selected remedy



# St. Louis Downtown Site



- **Extent of Contamination**
  - ▶ Uranium, Radium, Thorium Cadmium and Arsenic are the contaminants of concern.
  - ▶ Includes the 47-acre Mallinckrodt facility and adjacent Vicinity Properties
  
- **Environmental Documentation**
  - ▶ Accessible Soils ROD - 1998
  - ▶ Inaccessible Soils Group 1 ROD - 2014
  
- **Status of Remediation**
  - ▶ Approximately 230,000cy shipped through 2014.
  - ▶ Currently remediating in Plant 6WH at the former Building 101 area.

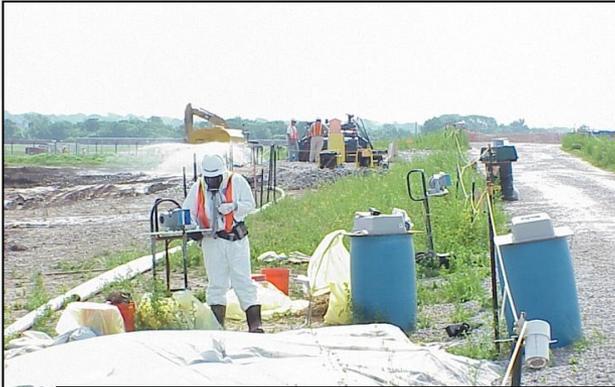


# North County Sites

- St. Louis Airport Site
- St. Louis Airport Site Vicinity Properties (VPs)
  - ▶ Includes Coldwater Creek from Banshee Road to the Missouri River
- Latty Avenue Properties
  - ▶ Hazelwood Interim Storage Site/Futura
  - ▶ Latty Avenue Vicinity Properties



# St. Louis Airport Site



- **Extent of Contamination**
  - ▶ 621,000 cy on 21.7-acre site
    - Adjacent to Lambert St. Louis International Airport
    - NPL site
  
- **Status of Response Action**
  - ▶ RA Completed in 2007
  - ▶ Transfer to DOE pending completion of North County ROD work
  
- **Post Remedial Action**
  - ▶ Air and ground water monitoring implemented



# Latty Avenue Properties (HISS/Futura/Latty VPs)



- **Extent of Contamination**
  - ▶ 227,000 cy on 11 acres
  - ▶ 1 mile north SLAPS
  - ▶ 1 NPL Site (i.e. HISS/Futura Coatings)
  - ▶ Latty Avenue Vicinity Properties
  
- **Status of Response Action**
  - ▶ RA completed in 2013
  - ▶ Completed Final Status Documents
  - ▶ Preparing Institutional Controls for soils beneath Futura Buildings
  
- **Post Remedial Action**
  - ▶ Air and ground water monitoring implemented



# SLAPS Vicinity Properties

- **SLAPS Vicinity Properties (VPs)**
  - ▶ 76 VPs released to date
  - ▶ Coldwater Creek is a SLAPS VP
- **Continue to sample the Haul Routes and remaining VPs**
- **More than 65,000 cubic yards removed to date**



# Coldwater Creek

- **Completed Sampling from Mc Donnell Blvd. to Frost Ave.**
- **Continue Sampling - Frost Ave to St. Denis Bridge ongoing**
  - ▶ Includes sediment, creek banks and 10-Year Flood Plain on properties adjacent to CWC (10-Yr Flood Plain is a starting point)
  - ▶ 3.4 mile stretch of creek
  - ▶ Over 5,000 samples have been collected to date
  - ▶ Sampling additional residential areas adjacent to St. Cin Park
- **Next sampling event from St. Denis Bridge to Old Halls Ferry Road**
  - ▶ 4.0 mile stretch of creek
  - ▶ Sampling to tentatively start in late 2016



# Areas of Contamination along Coldwater Creek

- Sampling from Frost to St. Denis Bridge revealed areas of contamination at:
  - ▶ St. Cin Park – City of Hazelwood
  - ▶ Duchesne Park – City of Florissant
  - ▶ Archdiocese Property adjacent to CWC
  - ▶ Areas of contamination on residential properties adjacent to CWC



# Remediation of St. Cin Park

- Low levels of contamination found
- Remedial activities started
- Sampling additional residential properties adjacent to St. Cin Park
  - ▶ Palm Drive – sampling continues
  - ▶ St. Cin Drive, Alma Drive and Foxtree Lane
    - Need Rights of Entry to start sampling
    - Please sign and return Rights-of-Entry



# Palm Drive

- Sampling continues at Palm Drive
- Areas of contamination found on residential properties adjacent to CWC
- Property owners personally notified of contamination
- Remedial documents initiated
- Anticipate remediation will start after completion of St. Cin Park



# Duchesne Park and Archdiocesan Property

- Designing the approach to remediate Duchesne Park and Archdiocesan property
- Duchesne Park – anticipate remediation will start after Palm Drive properties
- Archdiocesan property to follow



# For Questions and Information

- **Website** – Check the St. Louis District Website <http://www.mvs.usace.army.mil> or <http://bit.ly/FUSRAPstl>
- **Administrative Record** – Documents are available for viewing at the following locations:
  - ▶ **FUSRAP Office**, 8945 Latty Ave., Berkeley, MO (314.260.3905)
  - ▶ Hours: 8am-3pm, Monday through Friday – By Appointment
  - ▶ **St. Louis City Library**, 1301 Olive Street, St. Louis, MO (314.241.2288 - By appointment only)



*Thank You for your attention!*



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