



DEPARTMENT OF THE ARMY  
ST. LOUIS DISTRICT, CORPS OF ENGINEERS  
9170 LATTY AVENUE  
BERKELEY, MISSOURI 63134

November 2, 1998

REPLY TO  
ATTENTION OF:

Formerly Utilized Sites Remedial Action Program Project Office

Mr. Dan Wall  
U. S. Environmental Protection Agency  
Region VII, Superfund Branch  
726 Minnesota Avenue  
Kansas City, Kansas 66101

**SUBJECT: QUARTERLY PROGRESS REPORT FOR THE PERIOD JULY THROUGH  
SEPTEMBER 1998 FOR THE ST. LOUIS FUSRAP SITES**

Dear Mr. Wall:

The following items represent the significant activities and achievements related to the St. Louis FUSRAP sites for the period July through September 1998:

- The Record of Decision (ROD) for the St. Louis Downtown Site (SLDS) was signed on August 27, 1998. The ROD details the proposed remedial action for the site. Remedial action at the City Property began in September 1998, as did additional boundary delineation work at Plant 2.
- During the quarter, the U.S. Environmental Protection Agency (USEPA), the United States Army Corps of Engineers (USACE), and the Missouri Department of Natural Resources (MDNR) project managers had several meetings and teleconferences to address technical, cost, and schedule issues related to the St. Louis FUSRAP Sites. The St. Louis Downtown Site (SLDS) Record of Decision, originally scheduled to be finalized in July 1998, was finalized in August and met the renegotiated milestone date.
- The Final Hazelwood Interim Storage Site (HISS) Engineering Evaluation/Cost Analysis (EE/CA) was released to interested stakeholders. The release of the Final St. Louis Airport Site (SLAPS) EE/CA is expected in early November 1998. These documents outline various interim remedial actions, and detail the selected alternative for each site.
- The North Ditch/Sedimentation Basin construction began in July 1998. The Sedimentation Basin is currently being constructed near the West End of SLAPS, and the North Ditch removal action has begun. It is estimated that approximately 16,000 cubic yards of contaminated soil will be excavated and disposed at a licensed off-site disposal facility. The Sedimentation Basin construction was delayed due to a requirement by the Missouri Department of Natural Resources (MDNR) to submit a National Pollutant Discharge and

Elimination System (NPDES) permit application, and obtain monitoring requirements prior to construction. The Sedimentation Basin is currently scheduled for completion in December 1998.

- Field investigations to better define the extent of radiological and chemical contamination at SLAPS continued for most of the quarter. The current phase of investigations was completed in September 1998. Additional investigations will be performed later in Fall 1998.
- In support of remediation activities at SLAPS, construction of the rail loading facility at the eastern end of the site was completed. The loading facility is capable of accommodating the daily loading of ten railroad gondola cars, staging of five additional cars, and temporary storage of up to 5,000 cubic yards of contaminated soil. The rail loading facility was completed and turned over to the USACE on August 28, 1998.
- St. Louis Site personnel provided radiological support to Mallinckrodt's subcontractors during their demolition of the remaining contaminated portions of the SLDS Building K. The majority of the radiological support focused on conducting air monitoring in the perimeter of the demolition area. Additional support included the receiving of contaminated materials from the Building K east wall, monitoring of the subcontractors' equipment and personnel, and the monitoring of waste shipments to Lot 7S. Representative samples of the Building K waste materials were obtained in order to determine the appropriate disposal method. Receipt of the analytical results is expected by early November.
- In an effort to accommodate a delay in the City of Florissant contractor's schedule for replacement of three bridges along Coldwater and Fountain Creeks, the city requested that the USACE delay the St. Denis Bridge remediation activities until mid-October. The delay was requested to allow additional time for the city's contractor to install additional traffic signals for the bridge replacement, and to allow sufficient time to shut off and replace the existing water main that is attached to the St. Denis bridge. Because low-level contamination has been detected along the banks of Coldwater Creek in the St. Denis bridge replacement area, the USACE agreed to perform a remediation of the contaminated soil prior to the city beginning invasive work at the site. It is estimated that approximately 300 cubic yards of contaminated soil will be removed during this remediation.
- To date, approximately 700 cubic yards of contaminated soil have been excavated from the St. Louis Airport Site (SLAPS) vicinity property 56. The excavated soil was stockpiled onsite pending transport to an offsite disposal facility. Because of scheduling conflicts with the disposal facility, the shipment of soil from the stockpile will be based on the availability of the disposal facility to accept shipments.

The overall scope of this remediation project includes the excavation and transportation for disposal by truck of approximately 1000 cubic yards of contaminated soil. In addition, the scope of this remediation includes the collection of post remedial action samples for verification purposes, and the restoration of this property once remediation activities have been completed. Remediation activities are expected to continue through the end of October.

- Planning activities began this quarter for the upcoming construction of the HISS rail spur. The Metropolitan Sewer District (MSD) has approved the plans for replacing the sewer line that exists within the affected HISS rail spur construction area. The start of construction activities is contingent on completion of the sewer line replacement.

Because of the proposed rail spur alignment, negotiations continued during the quarter between USACE and the 2L property owner regarding a real estate agreement that will allow a portion of the rail spur to be built on this property. Approval of this agreement occurred near the end of October.

The HISS rail spur will be capable of accommodating the daily loading of nine railroad gondola cars. Construction activities are slated to begin in early November.

- During the quarter, routine environmental sampling activities were conducted, including radiological surveillance and surveys and sampling associated with on-going site activities.

Several planning meetings were held with all the HTRW-CX, USEPA and MDNR to develop milestones and identify areas of concern in anticipation of obstacles to completing the North County Record of Decision.

Please contact me if you have any questions or comments regarding this quarterly report.

Sincerely,



Sharon R. Cotner  
FUSRAP Program Manager

cc: L. Erickson (MDNR)

# Cataloging Form

{Technical/Project Managers fill in C through G, K through Q. RM completes other fields}

A. Document ID Number: Assigned by database 867

B. Further Information Required?: ☐

C. Operable Unit (Choose One):

USACE ☐  
St. Louis Sites ☒  
Downtown ☐  
North County ☐  
Madison Sites ☐  
Inaccessible Areas ☐  
PRP ☐  
Oversight Committee ☐

D. Site (Optional):

SLDS VPs ☐  
Mallinckrodt ☐  
SLAPS ☐  
SLAPS VPs ☐  
CWC ☐  
HISS ☐  
Madison ☐

E. Area (Optional): \_\_\_\_\_

F. Primary Document Type (Choose One):

Site Management Records ☒  
Removal Response ☐  
Remedial Investigation ☐  
Feasibility Study ☐  
Record of Decision ☐  
Remedial Design ☐

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33a Quarterly Progress Report for Study the Third Quarter

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