

LEGAL NOTICE

The U.S. Army Corps of Engineers, St. Louis District, issues the Proposed Plan for the St. Louis Downtown Site (SLDS, associated with the Mallinckrodt plant and surrounding properties) for public comment.

The sites became contaminated as a result of activities in support of the nation's early atomic energy program in the 1940s. The sites are being addressed under the Formerly Utilized Sites Remedial Action Program (FUSRAP). Cleanup of these sites is now managed by the U.S. Army Corps of Engineers.

The alternatives evaluated in the Feasibility Study are summarized in the Proposed Plan. Inaccessible soils are not included as part of this operable unit. Abbreviated, partial descriptions of the alternatives are as follows:

Alternative 1 - No Action

Mandated by the Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA), periodic environmental monitoring would be conducted, but no remedial action would be conducted.

Alternative 2 - Institutional Controls and Site Maintenance

Institutional controls and site maintenance would be implemented to prevent unacceptable exposures to site contamination.

Alternative 3 - Containment

Alternative 3 incorporates containment, institutional controls, and environmental monitoring to reduce further spread of contaminants and reduce the potential for direct exposure. Under this alternative, accessible soils from SLDS and vicinity properties would be excavated and consolidated and capped at a downtown location such as the City Property or Plant 2 area.

Alternative 4 - Partial Excavation and Disposal

This alternative includes excavation of accessible soils in the upper 2 feet to the composite criteria of 5 pCi/g in surface soil (top 6 inches) and 15 pCi/g in shallow subsurface soil (to 2 feet) (for Ra-226, Ra-228, Th-230, and Th-232) and 50 pCi/g for U-238. Site-specific dose and risk-based target removal levels of 50 pCi/g Ra-226, 100 pCi/g Th-230 and 150 pCi/g U-238 would be used for excavation of soils below 2 feet for most site areas.

Alternative 5 - Complete Excavation and Disposal

This alternative involves excavating soil contaminated above the composite criteria regardless of depth.

Alternative 6 - Selective Excavation and Disposal

This alternative focuses on reducing the need for future studies, designs, and remedial actions, in addition to protection of human health and the environment relative to Alternative 4. It is anticipated that excavation to the composite criteria would proceed to a depth of 6 ft west of the St. Louis Terminal Railroad Association tracks and at the former locations of Buildings 116, 117, 704 - 707. Excavation for the composite criteria would stop at 4 ft at all other areas at SLDS including the vicinity properties and under the roads.

The Corps of Engineers has identified alternative 4 as preferred.

Copies of the proposed plan are available during business hours:

U.S. Army Corps of Engineers, St. Louis District

FUSRAP Public Information Center

9170 Latty Avenue, Berkeley, MO 63134 (314) 524-4083

Written comments will be accepted during the 30-day period following FS/PP release at the above address. Oral comments may be provided at the Public Meeting on Tuesday, April 21st, from 7:00 - 9:00 p.m., at Henry Clay Elementary School, 3820 N. 14th Street.

The FS/PP is also available for public review at:

St. Louis Public Library, Government Documents, 1301 Olive St.

Henry Clay Elementary School, 3820 N. 14th St.

Prairie Commons Branch Library, 915 Utz Lane, Hazelwood

Washington Univ. Biological Sciences Library, One Brooking Dr.

Julia Davis Branch Library, 4415 Natural Bridge

St. Louis County Library, 1640 S. Lindbergh Blvd., Clayton

4/10 Post Dispatch

Legal Notice

The U.S. Army Corps of Engineers, St. Louis District, issues the Proposed Plan for the St. Louis Downtown Site (SLDS, associated with the Mallinckrodt plant and surrounding properties) for public comment.

The sites became contaminated as a result of activities in support of the nation's early atomic energy program in the 1940s. The sites are being addressed under the Formerly United Sites Remedial Action Program (FUSRAP). Cleanup of these sites is now managed by the U.S. Army Corps of Engineers.

The alternative evaluated in the Feasibility Study are summarized in the Proposal Plan. Inaccessible soils are not included as part of this operable unit. Abbreviated, partial descriptions of the alternatives are as follows:

Alternative 1 - No Action

Mandated by the Comprehensive Environmental Response, Compensation and Liabilities Act (CERCLA), periodic environmental monitoring would be conducted, but no remedial action would be conducted.

Alternative 2 - Institutional Controls & Site Maintenance

Institutional controls and site maintenance would be implemented to prevent unacceptable exposures to site contamination.

Alternative 3 - Containment

Alternative 3 incorporates containment, institutional controls, and environmental monitoring to reduce further spread of contaminants and reduce the potential for direct exposure. Under this alternative, accessible soils from SLDS and vicinity properties would be excavated and consolidated and capped at a downtown location such as the City Property or Plant 2 area.

Alternative 4 - Partial Excavation and Disposal

This alternative includes excavation of accessible soils in the upper 2 feet to the composite criteria of 5 pCi/g in surface soils (top 6 inches) and 15 pCi/g in shallow subsurface soils (to 2 feet) for Ro-226, Ro-228, Th-230, and Th-232 and 50 pCi/g for U-238. Site-specific dose and risk-based target removal levels of 50 pCi/g Ro-226, 100 pCi/g Th-230 and 150 pCi/g U-238 would be used for excavation of soils below 2 feet for most site areas.

Alternative 5 - Complete Excavation and Disposal

This alternative involves excavating soil contaminated above the composite criteria regardless of depth.

Alternative 6 - Selective Excavation and Disposal

This alternative focuses on reducing the need for future studies, designs and remedial actions. In addition to protection of human health and the environment relative to Alternative 4, it is anticipated that excavation to the composite criteria would proceed to the depth of 6 ft west of the St. Louis Terminal Railroad Association tracks and at the former location of Buildings 116, 117, 704-707. Excavation for the composite criteria would stop at 4 ft at all other areas at SLDS including the vicinity properties and under the roads.

The Corps of Engineers has identified alternative 4 as preferred.

Copies of the proposed plan are available during business hours:

Alternative 3 - Containment
Alternative 4 - Partial Excavation and Disposal
Alternative 5 - Complete Excavation and Disposal
Alternative 6 - Selective Excavation and Disposal

Alternative 4 - Partial Excavation and Disposal

This alternative includes excavation of accessible soils in the upper 2 feet to the composite criteria of 5 pCi/g in surface soils (top 6 inches) and 15 pCi/g in shallow subsurface soils (to 2 feet) for Ro-226, Ro-228, Th-230, and Th-232 and 50 pCi/g for U-238. Site-specific dose and risk-based target removal levels of 50 pCi/g Ro-226, 100 pCi/g Th-230 and 150 pCi/g U-238 would be used for excavation of soils below 2 feet for most site areas.

Alternative 5 - Complete Excavation and Disposal

This alternative involves excavating soil contaminated above the composite criteria regardless of depth.

Alternative 6 - Selective Excavation and Disposal

This alternative focuses on reducing the need for future studies, designs and remedial actions. In addition to protection of human health and the environment relative to Alternative 4, it is anticipated that excavation to the composite criteria would proceed to the depth of 6 ft west of the St. Louis Terminal Railroad Association tracks and at the former location of Buildings 116, 117, 704-707. Excavation for the composite criteria would stop at 4 ft at all other areas at SLDS including the vicinity properties and under the roads.

The Corps of Engineers has identified alternative 4 as preferred.

Copies of the proposed plan are available during business hours:

U.S. Army Corps of Engineers, St. Louis District
FUSRAP Public Information Center
9170 Lath Avenue
Berkeley, MO 63134
(314) 524-4083

Written comments will be accepted during the 30-day period following FS/PP release at the above address. Oral comments may be provided at the Public Meeting on Tuesday, April 21st, from 7:00 - 9:00 p.m. at Henry Clay Elementary School, 3820 N. 14th Street.

The FS/PP is also available for public review at:

St. Louis Public Library
Government Documents
307 Olive St.
Henry Clay Elementary School, 3820 N. 14th St.
Branch Library
Prairie Commons
915 Uitz Lane
Hazelwood, MO
Washington Univ. Biological Sciences Library
One Brookings Dr.
Julia Davis Branch Library
4415 Natural Bridge
St. Louis County Library
1640 S. Lindbergh Blvd
Clayton, MO



US Army Corps
of Engineers.

FUSRAP

FUSRAP COMMUNICATIONS DISTRIBUTION

DATE PROCESSED BY PDCC 4-23-98

116-G&A-GAM-00052

COMM REF 116-G&A-GAM-00051

SUBJECT SHDS - FS/PP Legal Notice in Newspapers
FROM Haskell TO Distribution - Local COMM DATE 4/10/98
Papers
ADDR CODE | | | CLOSING CCN _____
WBS 116

RESPONSE TRACKING INFORMATION

ACTION DESCRIPTION: _____	
PARENT:	PARENT:
OWED TO: _____	OWED BY: _____ (ORG) _____
(ORG) _____ TARGET DATE <u> / / </u>	CLOSING CCN _____ COMP. DATE <u> / / </u> CLOSING REF _____
01:	01:
OWED TO: _____	OWED BY: _____ (ORG) _____
(ORG) _____ TARGET DATE <u> / / </u>	CLOSING CCN _____ COMP. DATE <u> / / </u> CLOSING REF _____

MESSAGE:

FS/PP is filed under 116-G&A-GAM-00051 on 4/14/98

USACE

WIA W/O SITES:

WIA W/O

WIA W/O BNI

WIA W/O

Commander, USACE:		108 DUP		138 MIS		PROGRAM MANAGER: A. Boos	
		112 PNV		139 CIS		PROJECT SUPPORT MGR.: R. Barber	
Buffalo District		116 SLD		140 HIS		PROGRAM INT. MGR.: G. Dover	
		118 MSP		144 NBS		PROJ. MGRS.: S. Wilkinson	
		127 VEN		153 SLP		K. Albin	
New York District		129 LIN		158 NFS		P. Griffin	
		134 SVP		PIC-MIS		COMMUNITY RELATIONS	
		137 WIS		PIC-TON		CONSTRUCTION	
St. Louis District		ORNL:				ENGINEERING	
<u>Haskell</u>	1	ORISE:				QUALITY ASSURANCE	
<u>Matteningly</u>	1	SEC:				HEALTH & SAFETY	
New England District		DPRA:				ENVIR. COMPLIANCE	
		OTHER:				WASTE MANAGEMENT/TREATMENT	
						PROCUREMENT	
Philadelphia District						ADMINISTRATION / INFORMATION	
		<u>B. Edwards</u>	1			PROJECT CONTROLS	
						TECHNICAL REPORTS	
Baltimore District		<u>W. Johnson</u>	1				
		<u>M. Crute</u>	1				
ANL:	G. Maraman						
	O. Dunning						
PROGRAM MANAGER	J. Waddell						
DEPUTY PROGRAM MGR:	G. Stephens						
MGMT. SYSTEMS:	K. Renfro						
SECRETARY:	S. Heptinstall						
						R/F: <input type="checkbox"/> CHRON FILE	1