
REVISION 0

ST. LOUIS FUSRAP NORTH COUNTY SITE PROPERTY CHARACTERIZATION PLAN

ST. LOUIS, MISSOURI

APRIL 2000

prepared by

U.S. Army Corps of Engineers, St. Louis District Office, Formerly Utilized Sites Remedial Action Program

with technical assistance from

Science Applications International Corporation ESC-FUSRAP
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1.0 INTRODUCTION

This document presents an estimated timeframe for scheduling, characterizing, and remediating the individual properties that comprise the St. Louis North County Site. The properties within the scope of this plan include the St. Louis Airport Site Vicinity Properties (SLAPS VPs), the Hazelwood Interim Storage Site (HISS), Futura, and Latty Avenue properties, and properties adjacent to Coldwater Creek (CWC) (See Figures 1 and 2). SLAPS is excluded from this plan.

2.0 SCHEDULING GOALS AND OBJECTIVES

This effort develops a schedule for completion of all characterization and necessary remedial design for all North County properties except SLAPS. The order in which the properties will be addressed is established herein is consistent with anticipated budgetary constraints. Scheduling may be affected by funding changes, discovery of significant contamination levels, or changes based on other factors. A separate implementation plan will be developed annually to detail the planned actions for properties scheduled to be addressed during that year.

Scheduled remediation dates are based on:

- Reducing risk to members of the public and to workers (including utility workers) that would result from exposure to contaminated sites by preferentially addressing properties with the greatest potential risk;
- Preventing re-contamination of properties after remediation;
- Addressing the sites cost-effectively based on programmatic issues such as the status of existing access agreements and the adequacy of characterization data for design;
- Anticipated ease of remediation as dictated concurrent with remedial design; and
- Projected out years funding level.

3.0 SCHEDULING STRATEGY

The strategy for scheduling the St. Louis North County Site properties was to consider each property as it relates to the following criteria.

3.1 DOSE AND RISK

The properties were reviewed according to the radiation dose and corresponding risk that had been calculated for each property in the North County Feasibility Study (FS). The review was used to determine which properties pose the greatest potential health threat under current land use conditions if left unremediated. Properties with the highest calculated dose received the highest consideration for remediation. Areas with elevated concentrations of radionuclides either

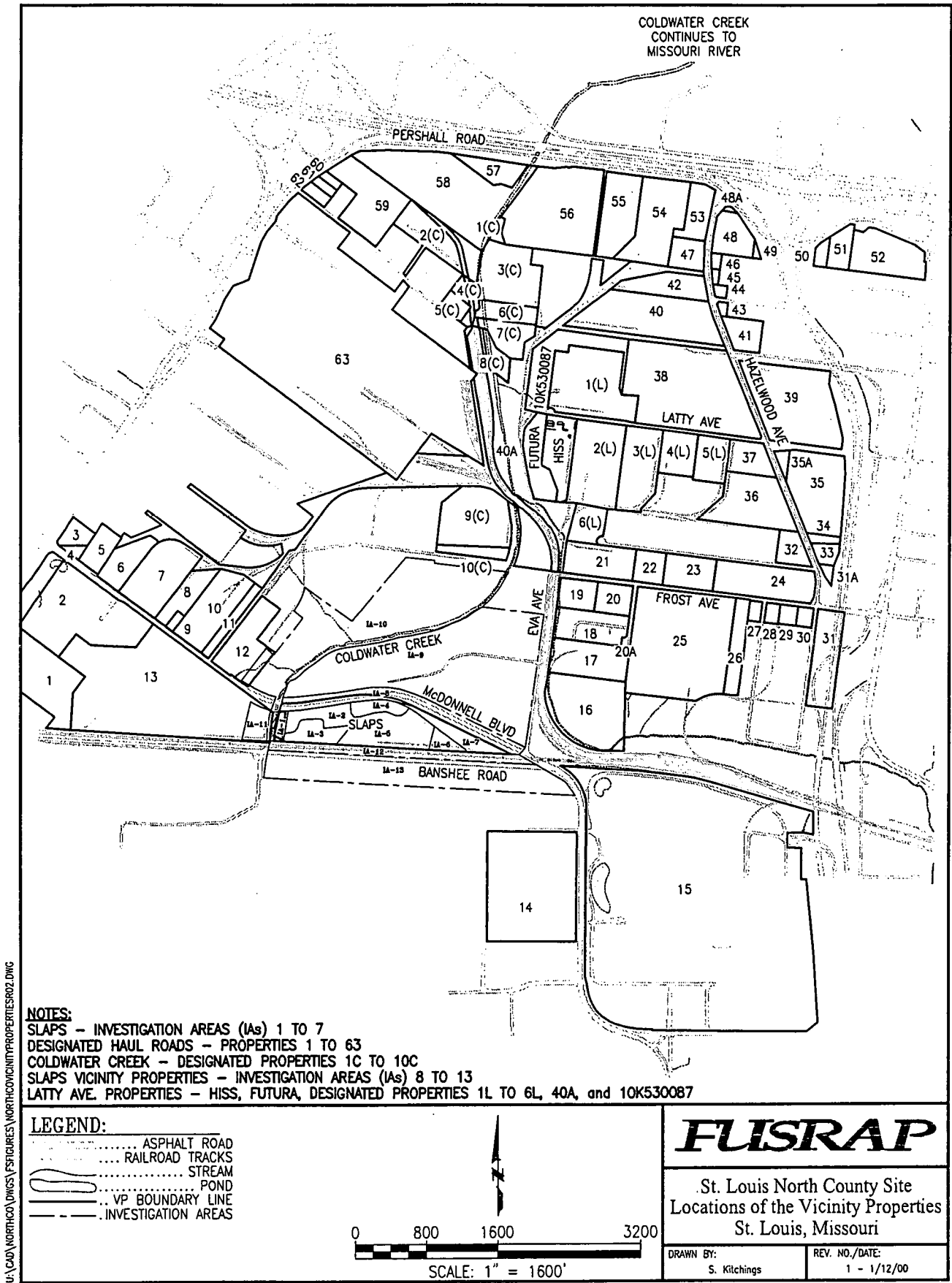
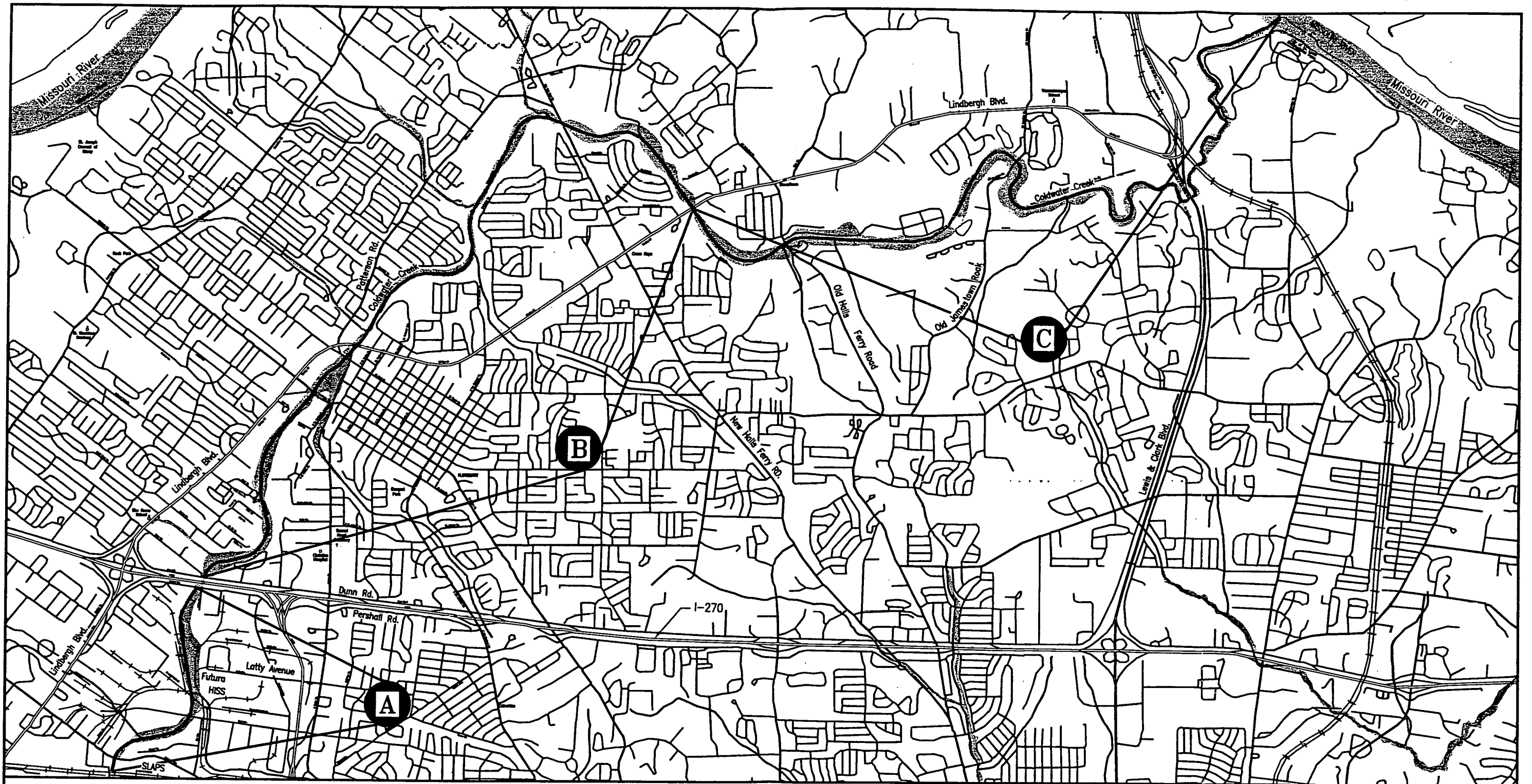


Figure 1. Locations of the Vicinity Properties

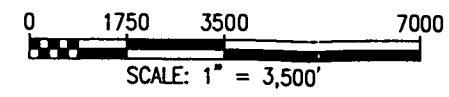
U:\CADD\NORTHCO\DWG\SPRINGS\NORTHCO\STREACH\CHRT1.DWG



LEGEND:

- Ⓐ COLDWATER CREEK STREAM REACH
- 100 YEAR FLOODPLAIN (FEMA 1998)

Source: U.S. Department of the Interior, Fish & Wildlife Service, National Wetlands Inventory, June, 1989.



FUSRAP

St. Louis North County Site
Coldwater Creek Stream Reaches
St. Louis, Missouri

DRAWN BY: S. Kitchings
REV. NO./DATE: 1 - 01/12/00

Figure 2. Coldwater Creek Stream Reaches

known or discovered during sampling will be remediated as necessary to control dose to exposed individuals (e.g., utility workers). The remediation schedule of any given property may change as further characterization sampling is performed.

3.2 PROPERTY ACCESS AGREEMENTS

Scheduling of properties considered the status and expiration of existing real estate access agreements (see Table 1, Table 2, and Table 3 for the dates of available access agreements). Properties whose access agreements are due to expire relatively soon and that required little or no remediation received the highest consideration under this criterion. This criterion helps to avoid renegotiating existing access agreements if such properties can be protectively remediated.

3.3 STATUS OF REMOVAL ACTIONS

The status of previous removal actions instituted at each property, if any, was reviewed. Those properties on which no additional remediation is anticipated are separately addressed to facilitate full release of the property.

3.4 GROUPING OF PROPERTIES

The properties may be grouped as necessary to facilitate their cost effective remediation and their return to property owners for use free of radiological risk. Adjacent properties may be collectively considered to facilitate remediation activities on the group level. Adjacent properties (including those being remediated as a group) may also be combined in the same survey unit for MARSSIM evaluation purposes.

4.0 SCHEDULING RESULTS

Based on the criteria presented above, each St. Louis North County Site property was evaluated and then placed into the schedule. The results of this evaluation are presented in Table 1, Table 2, and Table 3.

Table 1 presents those properties where DOE previously performed removal actions. An evaluation of existing characterization, remediation, and verification records will be performed for these properties. Based on these evaluations, a decision will be made for each property regarding additional necessary actions, if any, pursuant to property release.

Table 2 presents those properties with no anticipated removal volumes. These properties may require additional characterization to determine the level of contamination. Based on the results of the additional characterization, these properties will either be released or scheduled for remediation.

Table 3 presents the schedule for those properties where remediation is anticipated. Properties from Table 1 and Table 2 may be scheduled on Table 3 as a result of additional evaluation and/or characterization of the properties.

Table 1 DOE-Addressed Properties

FY	North County Property	Current Land Use	Current Land Use Dose (mrem/yr) *	Current Land Use Risk *	Status ^b	Access Agreement Expiration Date ^c	Real Estate Owner ^d	Implementation Start ^e	Remedial Design Start ^f	Remediation Start	Other Considerations
2000	3L	Industrial	7.7	1E-04	DOE removal occurred (note 1)	expired 1998		Note 3			
2000	4L	Industrial	6.5	9E-05	DOE removal occurred (note 1)			Note 3			
2000	5L	Industrial	2.2	4E-05	DOE removal occurred (note 1)			Note 3			
2000	6L	Industrial	2.8	4E-05	DOE removal occurred (note 1)	7/10/00	Rykoff-Sexton, Inc.	Note 3			
2000	19	Residential	0.74	1E-05	DOE removal occurred (note 1)			Note 3			
2000	20	Residential	0.38	5E-06	DOE removal occurred (note 1)			Note 3			
2000	21	Industrial	1.3	3E-05	DOE removal occurred (note 1)	6/21/00	First Industrial, LP	Note 3			
2000	22	Industrial	0.87	1E-05	DOE removal occurred (note 1)			Note 3			
2000	23	Industrial	1.1	2E-05	DOE removal occurred (note 1)	6/21/00	First Industrial, LP	Note 3			
2000	24	Industrial	0.85	2E-05	DOE removal occurred (note 1)			Note 3			
2000	26	Industrial	ND	ND	DOE removal occurred (note 1)	8/30/00	Supervalu	Note 3			
2000	27	Industrial	0.16	2E-06	DOE removal occurred (note 1)	5/22/00	Alfred and Eva Fleisher	Note 3			
2000	30	Industrial	<0.1	1E-07	DOE removal occurred (note 1)	5/31/00	Lorvic Corporation	Note 3			
2000	31A	Industrial	2.2	3E-05	DOE removal occurred (note 1)	12/18/00	Sid Boeslecker - Safety Shoe Service	Note 3			
2000	32	Industrial	0.36	5E-06	DOE removal occurred (note 1)	11/9/00	MAE Associates Limited Partnership	Note 3			
2000	33	Industrial	<0.1	6E-07	DOE removal occurred (note 1)	4/24/01	Supervalu Holdings, Inc.	Note 3			
2000	34	Industrial	<0.1	6E-07	DOE removal occurred (note 1)	4/24/01	Supervalu Holdings, Inc.	Note 3			
2000	35	Industrial	2.3	3E-05	DOE removal occurred (note 1)	4/24/01	Supervalu Holdings, Inc.	Note 3			
2000	36	Industrial	<0.1	3E-07	DOE removal occurred (note 1)			Note 3			
2000	37	Industrial	8.6	1E-04	DOE removal occurred (note 1)	10/15/00	Suburban Newspapers	Note 3			
2000	38	Industrial	1.9	3E-05	DOE removal occurred (note 1)	8/30/00	Supervalu	Note 3			
2000	39	Industrial	1.8	3E-05	DOE removal occurred (note 1)	4/24/01	Supervalu Holdings, Inc.	Note 3			
2000	40	Industrial	<0.1	7E-07	DOE removal occurred (note 1)	1/9/01	Madison Warehouse Corp.	Note 3			
2000	41	Residential	<0.1	1E-06	DOE removal occurred (note 1)			Note 3			
2000	42	Residential	0.11	2E-06	DOE removal occurred (note 1)	1/9/01	Madison Warehouse Corp.	Note 3			
2000	43	Residential	<0.1	1E-08	DOE removal occurred (note 1)			Note 3			
2000	44	Residential	<0.1	1E-08	DOE removal occurred (note 1)			Note 3			
2000	45	Industrial	ND	ND	DOE removal occurred (note 1)			Note 3			
2000	47	Industrial	<0.1	1E-02	DOE removal occurred (note 1)	6/16/01	MGI West Port, Inc.	Note 3			
2000	48	Industrial	1.0	2E-05	DOE removal occurred (note 1)	5/30/00	John J. Steuby Co	Note 3			
2000	53	Industrial	<0.1	2E-07	DOE removal occurred (note 1)	1/28/01	Ralph and Marie Peterson, Trust	Note 3			

Note 1--Remediation occurred under DOE. Remediation and verification records will be evaluated and properties will be released or further evaluated as appropriate.

Note 2--No removal volume estimates exist in the register. Properties need further characterization to determine if releasable or if remedial design is necessary.

Note 3--Evaluation/investigation of these properties will begin as soon as possible to determine necessary additional actions, if any.

* Maximum dose for land use. Calculated values are based on available data from the FUSRAP database.

^b Status as of October 29, 1999. If left blank characterization and verification required.

^c Based on Real Estate Schedule Date Completed 8/24/99. If left blank an access agreement does not exist at this time.

^d Based on Real Estate Schedule Date Completed 8/24/99.

^e Projected date to begin investigation of property.

^f Projected date to begin the remedial design efforts for a property. Remedial design will be based, in large part, on data generated during the investigation

ND = No data available

NC = Risk not calculated

Table 2 Properties With No Detected Removal Volumes

FY	North County Property	Current Land Use	Current Land Use Dose (mrem/yr) ^a	Current Land Use Risk ^b	Status ^b	Access Agreement Expiration Date ^c	Real Estate Owner ^d	Implementation Start ^e	Remedial Design Start ^f	Remediation Start	Other Considerations
2000	1	Industrial	<0.1	6E-08	No removal volumes in register (note 2)			Note 3			
2000	2	Industrial	<0.1	2E-07	No removal volumes in register (note 2)			Note 3			
2000	3	Industrial	<0.1	1E-06	No removal volumes in register (note 2)			Note 3			
2000	4	Industrial	<0.1	7E-07	No removal volumes in register (note 2)			Note 3			
2000	5	Industrial	<0.1	7E-07	No removal volumes in register (note 2)		Boeing	Note 3			
2000	6	Industrial	<0.1	4E-07	No removal volumes in register (note 2)		Boeing	Note 3			
2000	8	Industrial	0.35	4E-06	No removal volumes in register (note 2)	TBD	MCHW Missouri, LLC	Note 3			
2000	14	Industrial	<0.1	2E-07	No removal volumes in register (note 2)		Boeing	Note 3			
2000	16	Industrial	0.12	2E-06	No removal volumes in register (note 2)	5/31/01	City of St. Louis	Note 3			
2000	17	Industrial	<0.1	4E-07	No removal volumes in register (note 2)			Note 3			
2000	18	Industrial	<0.1	5E-07	No removal volumes in register (note 2)			Note 3			
2000	20A	Industrial	ND	ND	No removal volumes in register (note 2)			Note 3			
2001	25	Industrial	ND	ND	No removal volumes in register (note 2)			Note 3			
2001	28	Industrial	<0.1	1E-06	No removal volumes in register (note 2)			Note 3			
2001	29	Residential	0.19	3E-06	No removal volumes in register (note 2)			Note 3			
2001	31	Industrial	ND	ND	No removal volumes in register (note 2)			Note 3			
2001	46	Industrial	<0.1	6E-07	No removal volumes in register (note 2)			Note 3			
2001	48A	Residential	3.7	6E-05	No removal volumes in register (note 2)			Note 3			
2001	49	Residential	0.12	2E-06	No removal volumes in register (note 2)			Note 3			
2001	50	Industrial	<0.1	2E-08	No removal volumes in register (note 2)			Note 3			
2001	51	Industrial	<0.1	2E-08	No removal volumes in register (note 2)			Note 3			
2001	52	Industrial	ND	ND	No removal volumes in register (note 2)			Note 3			
2001	54	Industrial	ND	ND	No removal volumes in register (note 2)	TBD	ROE Supervalu Holdings, Inc.	Note 3			
2001	55	Industrial	ND	ND	No removal volumes in register (note 2)	TBD	Meiro Partners	Note 3			
2001	60	Industrial	<0.1	1E-09	No removal volumes in register (note 2)			Note 3			
2001	61	Industrial	ND	ND	No removal volumes in register (note 2)			Note 3			
2001	62	Industrial	<0.1	8E-07	No removal volumes in register (note 2)			Note 3			
2001	63	Industrial	<0.1	4E-07	No removal volumes in register (note 2)	TBD	ROE Ford Motor Co.	Note 3			
2001	2C	Industrial	2.1	4E-05	No removal volumes in register (note 2)			Note 3			
2001	3C	Industrial	2.0	3E-05	No removal volumes in register (note 2)			Note 3			
2001	4C	Industrial	2.2	3E-05	No removal volumes in register (note 2)			Note 3			
2001	5C	Industrial	2.5	3E-05	No removal volumes in register (note 2)			Note 3			
2001	6C	Industrial	1.0	2E-05	No removal volumes in register (note 2)			Note 3			
2001	7C	Industrial	2.8	4E-05	No removal volumes in register (note 2)			Note 3			
2001	9C	Industrial	1.0	1E-05	No removal volumes in register (note 2)			Note 3			
2001	10C	Industrial	2.9	4E-05	No removal volumes in register (note 2)			Note 3			

Note 1--Remediation occurred under DOE. Remediation and verification records will be evaluated and properties will be released or further evaluated as appropriate.

Note 2--No removal volume estimates exist in the register. Properties need further characterization to determine if releasable or if remedial design is necessary.

Note 3--Evaluation/investigation of these properties will begin as soon as possible to determine necessary additional actions, if any.

^a Maximum dose for land use. Calculated values are based on available data from the FUSRAP database.

^b Status as of October 29, 1999. If left blank characterization and verification required.

^c Based on Real Estate Schedule Date Completed 8/24/99. If left blank an access agreement does not exist at this time.

^d Based on Real Estate Schedule Date Completed 8/24/99.

^e Projected date to begin investigation of property.

^f Projected date to begin the remedial design efforts for a property. Remedial design will be based, in large part, on data generated during the investigation.

ND = No data available

NC = Risk not calculated

Table 3 Schedule for Selected Properties

FY	North County Property	Current Land Use	Current Land Use Dose (micro/yr)*	Current Land Use Risk *	Status ^b	Access Agreement Expiration Date ^c	Real Estate Owner ^d	Implementation Start ^e	Remedial Design Start ^f	Remediation Start	Other Considerations
2000	38	Industrial	1.9	3E-05	DOE removal occurred (note 1)	8/30/00	Supervalu	FY00	FY00	FY00	
2000	HISS (Supp. Pile)	Industrial	NA	NA			D.Jarboe	FY00	FY00	FY00	
2001	9	Industrial	0.36	5E-06		8/19/01	Union Electric	FY00	FY00	FY01	
2001	10	Industrial	0.13	2E-06		2/12/01	St. Louis Steel Products, Inc.	FY00	FY00	FY01	
2001	11	Industrial	0.13	2E-06		2/12/01	St. Louis Steel Products, Inc.	FY00	FY00	FY01	
2001	12	Industrial	11	1E-04		5/11/03	Gus Oberman	FY00	FY00	FY01	
2001	Ballfield & IA-10 Hotspots							FY00	FY00	FY01	
2001	56	Industrial	2.8	5E-04	USACE remediated	2/12/01	Bemadette Business Forms, Inc.	FY00	FY00	FY01	
2002	57	Industrial	2.4	5E-04		Pending	Allied Systems	FY00	FY01	FY02	
2002	58	Industrial	7.1	1E-04		Pending	Allied Systems	FY00	FY01	FY02	
2002	59	Industrial	ND	ND				FY00	FY01	FY02	
2002	IC	Industrial	2.8	4E-05		2/12/01	Bemadette Business Forms, Inc.	FY00	FY01	FY02	
2002	HISS (main pile back)	Industrial	NA	NA			D.Jarboe	FY01	FY01	FY01	
2003	HISS (Front half of main pile)	Industrial	NA	NA			D.Jarboe	FY01	FY01	FY02	
2003	36	Industrial	<0.1	3E-07	DOE removal occurred (note 1)			FY01	FY02	FY03	
2003	37	Industrial	8.6	1E-04	DOE removal occurred (note 1)	10/15/00	Suburban Newspapers	FY01	FY02	FY03	
2003	39	Industrial	1.8	3E-05	DOE removal occurred (note 1)	4/24/01	Supervalu Holdings, Inc.	FY01	FY02	FY03	
2003	42	Residential	0.11	2E-06	DOE removal occurred (note 1)	1/9/01	Madison Warehouse Corp.	FY01	FY02	FY03	
2003	44	Residential	<0.1	1E-08	DOE removal occurred (note 1)			FY01	FY02	FY03	
2003	47	Industrial	<0.1	1E-02	DOE removal occurred (note 1)	6/16/01	MGI West Port, Inc.	FY01	FY02	FY03	
2004	48	Industrial	1.0	2E-05	DOE removal occurred (note 1)	5/30/00	John J. Steuby Co	FY01	FY02	FY03	
2004	32	Industrial	0.36	5E-06		11/9/00	MAE Associates Limited Partnership	FY02	FY03	FY04	
2004	33	Industrial	<0.1	6E-07	DOE removal occurred (note 1)	4/24/01	Supervalu Holdings, Inc.	FY02	FY03	FY04	
2004	35A	Industrial	ND	ND		4/24/01	Supervalu Holdings, Inc.	FY02	FY03	FY04	
2004	21	Industrial	1.3	3E-05	DOE removal occurred (note 1)	6/21/00	First Industrial, LP	FY02	FY03	FY04	
2004	22	Industrial	0.87	1E-05	DOE removal occurred (note 1)			FY02	FY03	FY04	
2004	23	Industrial	1.1	2E-05	DOE removal occurred (note 1)	6/21/00	First Industrial, LP	FY02	FY03	FY04	
2004	24	Industrial	0.85	2E-05	DOE removal occurred (note 1)			FY02	FY03	FY04	
2004	1L	Industrial	11	1E-04		8/7/00	McGraw Edison	FY02	FY03	FY04	
2004	3L	Industrial	7.7	1E-04	DOE removal occurred (note 1)	expired 1998		FY02	FY03	FY04	
2004	4L	Industrial	6.5	9E-05	DOE removal occurred (note 1)			FY02	FY03	FY04	
2004	5L	Industrial	2.2	4E-05	DOE removal occurred (note 1)			FY02	FY03	FY04	
2004	6L	Industrial	2.8	4E-05	DOE removal occurred (note 1)	7/10/00	Rykoff-Sexton, Inc.	FY02	FY03	FY04	
2004	10K530087	Industrial	15	2E-04				FY02	FY03	FY04	
2004	8C	Industrial	4.1	6E-05				FY02	FY03	FY04	
2005	IA-10	Recreational	0.4	2E-06				FY03	FY04	FY05	
2005	IA-11	Industrial	<0.1	1E-07				FY03	FY04	FY05	
2005	40A	Industrial	18	2E-04				FY03	FY04	FY05	Concurrent with Futura due to access.
2005	Futura / HISS	Industrial	NA	NA			D. Jarboe	FY02	FY03*	FY05	
2005	IA-8 and N.County Roads	Industrial	87	8E-04		6/18/01	St. Louis County Highways and Traffic	FY03	FY04	FY05	ROE in conjunction with Special Use Permit No. 75882 McDonnell Blvd
2005	IA-9	Recreational	0.3	1E-06				FY03	FY04	FY05	

Table 3 Schedule for Selected Properties (Continued)

FY	North County Property	Current Land Use	Current Land Use Dose (mrem/yr) ^a	Current Land Use Risk ^a	Status ^b	Access Agreement Expiration Date ^c	Real Estate Owner ^d	Implementation Start ^e	Remedial Design Start ^f	Remediation Start	Other Considerations
2006	1A-12	Industrial	13	2E-04				FY04	FY05	FY06	
2007	1A-13	Industrial	2.8	3E-05				FY05	FY06	FY07	
2007	1	Industrial	<0.1	6E-08				FY05	FY06	FY07	
2007	2	Industrial	<0.1	2E-07				FY05	FY06	FY07	
2007	3	Industrial	<0.1	1E-06				FY05	FY06	FY07	
2007	4	Industrial	<0.1	7E-07				FY05	FY06	FY07	
2007	5	Industrial	<0.1	7E-07			Boeing	FY05	FY06	FY07	
2007	6	Industrial	<0.1	4E-07			Boeing	FY05	FY06	FY07	
2007	7	Industrial	0.34	4E-06			Boeing	FY05	FY06	FY07	
2007	8	Industrial	0.35	4E-06		TBD	MCHW Missouri, LLC	FY05	FY06	FY07	
2007	13	Industrial	3.8	5E-05		10/26/04	U.S. Navy	FY05	FY06	FY07	
2007	14	Industrial	<0.1	2E-07			Boeing	FY05	FY06	FY07	
2007	15	Industrial	<0.1	5E-07			Boeing	FY05	FY06	FY07	
2007	16	Industrial	0.12	2E-06		5/31/01	City of St. Louis	FY05	FY06	FY07	
2007	17	Industrial	<0.1	4E-07				FY05	FY06	FY07	
2007	18	Industrial	<0.1	5E-07				FY05	FY06	FY07	
2009	2L	Industrial	5.0	7E-05		good for 12 yrs. (see note)	GIFREHC/Stotte Container	FY07	FY08	FY09	
2009	CWC - Reach B	Recreational	<0.1	3E-07							
2009	CWC - Reach C	Recreational	<0.1	3E-07							

^a Preliminary Design Investigation is scheduled for FY02 and Conceptual Design for FY03. Final design scheduled for FY04.

^b Status as of October 29, 1999. If left blank characterization and verification required.

^c Based on Real Estate Schedule Date Completed 8/24/99. If left blank an access agreement does not exist at this time.

^d Based on Real Estate Schedule Date Completed 8/24/99.

^e Projected date to begin investigation of property.

^f Projected date to begin the remedial design efforts for a property. Remedial design will be based, in large part, on data generated during the investigation.

Note 1--Remediation occurred under DOE. Remediation and verification records will be evaluated and properties will be released or further evaluated as appropriate.

Note 2--No removal volume estimates exist in the register. Properties need further characterization to determine if releasable or if remedial design is necessary.

NA = No action required, DOE remediated and conducted formal release

NE = Remediation Not Expected

ND = No data available

NC = Risk not calculated

CWC Reach B - I-270 to second overpass along Highway 67

CWC Reach C - End of Reach B to mouth at Missouri River

GIFREHC agreement - good for 12 yrs, but requires separate agreement for remediation.

Data Entry Form

{ Technical Managers fill in C through G. Document Managers fill in the rest }

A. Document ID Number: Will be assigned by database 00-137 B. Further Information Required? ☐

C. Primary Category: (Choose One):

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

D. Site (Optional):

SLDS VP ☐
Mallinckrodt ☐
SLAPS ☐
~~SLAPS VP~~ ☒
CWC ☐
HISS ☐
Madison ☐

E. Area (Optional):

F. Primary Document Type (Choose One):

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

Remedial Design ☐
Remedial Action ☐
Public Affairs/Community Relations ☐
Congressional Relations ☐
Freedom of Information Act Requests ☐
Real Estate ☐

G. Secondary Document Type (see back of form): Reference

H. Bechtel Number: _____

I. SAIC Number: _____

J. MARKS Number(Choose One): FN: 1110-1-8100e ☐ FN: 1110-1-8100f ☐ FN: 1110-1-8100g ☒

K. Subject: St. Louis FUSRAP & North County Site Prep Char. Plan

L. Title: _____

M. Author: _____

N. Author's Company: _____

O. Recipient: _____

P. Recipient's Company: _____

Q. Version (Choose One): Draft ☐

Final ☒

R. Date: 4/00

S. Include in the ARF? ☐

T. Include in the AR? ☐

U. Filed as Confidential/Privileged? ☐

V. To Be Microfilmed? ☐

W. Document Format (Choose one):

Paper ☒
Electronic ☐

Photographic ☐
Audio-visual ☐

Cartographic/Oversize ☐
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X. Physical Location (Choose One):

Central Files ☒
Records Holding Area ☐

Microfilm Vendor ☐
Department of Energy ☐

In ARF ☐
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Y. Filed in AR Volume Number:

Z. Associated with Document(s):