

ST. LOUIS FUSRAP OVERSIGHT COMMITTEE

c/o 111 So. Meramec

Clayton, MO 63105

314.615.1635

Ric_Cavanagh@Stlouisco.com

July 5, 2002

MEMORANDUM

TO: FUSRAP Oversight Committee Members
Other Interested Parties

FROM: Richard R. Cavanagh, CHE
Chairperson

RE: Next Meeting

The next meeting of the St. Louis FUSRAP Oversight Committee will be held on Friday, July 12, 2002, 11:30 am, in the trailers on Latty Ave.

Committee members who cannot attend should contact the chairperson at the above numbers to be excused.

Committee members should also mark their calendars for the two upcoming training/seminar sessions to be held at the Hazelwood Community Center, East, on Tuesday July 16 and Tuesday July 23. Both meetings will be from 6 – 9 pm.

Thank you.

:RRC

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MEMORANDUM

TO: Oversight Committee Members
Other Interested Parties

FROM: Richard R. Cavanagh, CHE
Chairperson

RE: Change of Date – Seminar

There has been some difficulty in lining up the speakers for the scheduled training seminars scheduled for the next two Tuesday nights. In addition, USACE still does not have the final draft of the proposed ROD available to be used as a resource tool.

Therefore, I have agreed to have the training seminars postponed for one month.

The Seminars will now be held on two consecutive Tuesdays in August – the 13th and 20th. As before, the sessions will be from 6 – 9 pm at the Hazelwood Community Center East on Dunn Rd.

I hope this does not cause any significant problems with your schedules.

Thank you.

RRC

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Summary of Meeting

June 14, 2002

Committee Members Present: Tom Binz, Bill Brandes, Sally Price, Tom Manning, Ric Cavanagh, Jon Langerak.

Committee Members Excused: Jim Grant

Other Interested Parties: Lou Dell'Orco, Jacqui Mattingly, Angela Minor, Mike Zlatic, Lou Jearls, Dan Johanningmeier, Kent Alms, Jack Frauenhoffer, Bill Fitzgerald, Larry Erickson, Eric Gilstrap, Elaine Seele, Bob Geller, Bob Marchant, Dan Wall 9 by conference call.

The following comments are in addition to the handouts provided by USACE at the meeting.

Page 4 – Bionitrification seems best, most cost effective.

Page 7 – Change of Command: The Committee chairperson will represent the Committee at the ceremony.

An extended discussion followed regarding definitions and standards of "unrestricted use." The issue with the USACE is a difference of as much as \$67 million in cost estimates between standards desired by the Committee/ St. Louis staff and the Corps Center of Excellence in Omaha (with the Committee wanting clean up to a higher standard). The state notes that not all land can be cleaned up to unrestricted use (due to access and cost factors). The EPA reminds everyone that Superfund laws must be the overarching standards. EPA has the ultimate and final decision. EPA can override recommendations from other entities. EPA is beginning to acknowledge that with the projected cost of long-term stewardship for sites not fully remediated, unrestricted use is becoming a more reasonable strategy.

The Committee agreed that they need additional training to be better prepared to review the proposed ROD for North County. Two training sessions will be held to achieve this. They will be on consecutive Tuesday nights: July 16 and 23, 6 – 9pm, at the Hazelwood Community Center East on Dunn Rd.

It also was announced that DOE will hold a public education session on Weldon Springs on June 27, 7 – 10pm, at the St. Charles County Administration Building.



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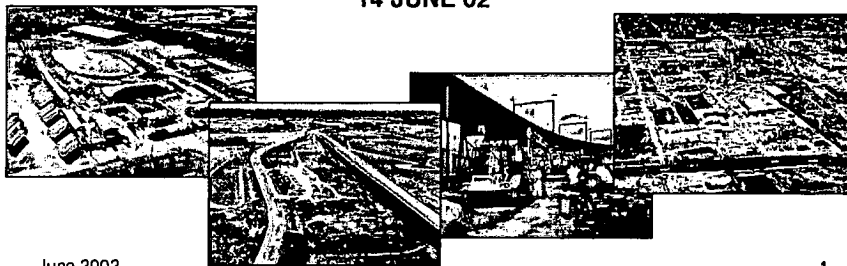
FUSRAP



Gateway to Excellence

St. Louis Oversight Committee Meeting Corps Update

14 JUNE 02



June 2002

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Agenda



Gateway to Excellence

- **Mississippi Valley Division**
- **Progress Report**
- **Community Interactions**
- **Taskers**
- **Questions**

June 2002

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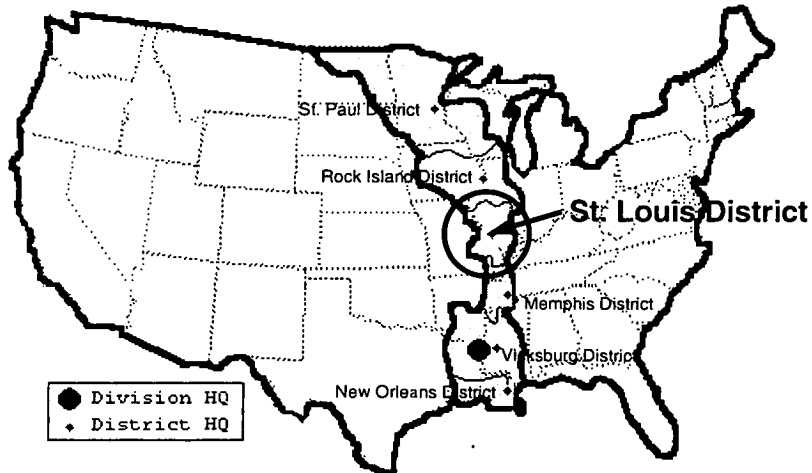


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Mississippi Valley Division



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Progress Report St. Louis Airport Site (SLAPS)



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- **Remedial Investigation**
 - Walkover of Airport Authority property S of Banshee Road is 95% complete - results will define nature and extent of contamination.
- **Remedial Design**
 - **Work Descriptions for Phases 4 / 5 and Phase 6** - 90% and 60% under internal review
- **Removal Actions**
 - **Began Phase I (IA5) excavation 10 DEC** - 43,000 cyds expected
 - 23,806 cyds removed to date. Phase 1 removal continues.
 - Removal of two survey units between McDonnell Blvd and the Radium Pits (15/16) is next.
 - Backfill to final grade of east end and removal has been slowed due to recent rainfall
 - **Status of water treatment system** - Pilot test and Bench test status
 - Pilot scale test (15,000 gallons) for water treatment to begin next week
 - Bench test ongoing - results @ the end of JUN
 - Developing full scale Bionitrification plan and costs for water treatment
 - **Rail Shipments off SLAPS**
 - 41,939 cyds shipped to date / 50,000 planned.

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Progress Report Hazelwood Interim Storage Site (HISS)/Latty Avenue / SLAPS VPS



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- **HISS / Latty Avenue**
 - **Requesting removal of NPDES permit at HISS.**
 - Letter cont to MDNR, no response to date.
 - **GIFREHC Roof Replacement**
 - MVS support of the GIFREHC roofing contractor resumed 18 MAR.
 - 30% complete to date. 1,250 cyds removed to date
 - **Rail Shipments off HISS**
 - 4,537 cyds shipped to date / 5,000 cyds planned
- **SLAPS VP's**
 - **Data Evaluation**
 - Assessment of the 30 DoE remediated properties. Finalizing response to comments.
 - **Designs are on hold and expected to be completed in FY03**
 - 56/57/58/59/1C & Pershall & I-270 ROW + 9/10/11/12 & Ballfield hotspots
 - **Working with VP22 on a proposed concrete pad replacement**
 - **Rail Shipments from VP's**
 - 0 planned, 120 cyds complete

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Progress Report St. Louis Downtown Site (SLDS)



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- **No remediation areas** - Working ROE issue with RR, awaiting Thomas & Proetz sample results.
- **Remedial Investigation** - USACE completed internal draft for the Groundwater Remedial Action Alternatives Assessment due to high levels of U in well at Plant 6W - It is currently under review.
- **Remedial Design**
 - **Pre Design Investigation** - Mallinckrodt West, Plant 7N/7S, Christiana, Star Bedding, Collins, and Cotto Waxo are currently on hold
 - **Work Descriptions - REV 1's may be issued after PDI re-evaluation**
 - Thomas and Proetz deep soils evaluation complete. PSC Metals evaluation continues.
 - MVS continues working additional PDI issues at McKinley Bridge / City of Venice property.
- **Remedial Action**
 - **Plant 1 - 3,724 cyds remediated**
 - Continuing work on Post Remedial Action Report - internal draft due in AUG.
 - **Plant 6E / 6E1/2 (27,000 cyds) began 3 DEC 00 - 13,432 cyds remediated to date**
 - Backfill of Phase I complete, beginning Phase 3 remediation. Completion date is DEC 02.
 - **VP's - Midwest Waste (4,500 cyds)** - 4,468 cyds removed to date, Final status survey and spot excavation is ongoing. Expect completion in MAY 02.
 - **ADM (DT-1)** - Sent response to MDNR FSS comments
 - Residual dose after remediation is less than 1 mrem / yr for all modeled scenarios w/o cover.
- **Rail Shipments off SLDS**

June 2002 - 9,317 cyds shipped / 15,000 planned

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Progress Report Other Issues



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- **North County Feasibility Study/ Proposed Plan**
 - One remaining major issue exists with the CX OC comments - MVS working position paper
 - CX issue resolution and FS/PP regulator or public review are the next steps.
- **Long Term Stewardship - Next meeting will be part of NC FS/PP Workshop**
 - Meeting was held 21 MAR. LTS document development is ongoing
- **DoE Program POC's interactions -**
 - None during this timeframe
- **The Army Audit Agency continues their audit**
 - Audit 2 FUSRAP Disposal Actions - USACE comments were furnished to AAA in MAY 02.
- **Program Review held**
 - Discussed priority of funding and PRP investigations - no feedback to date.
- **Bi-Annual Utility Support Meeting is scheduled for 12 JUL**
- **The St. Louis District will have a new District Commander at the end of JUN**
 - COL Kevin Williams will replace COL Michael Morrow

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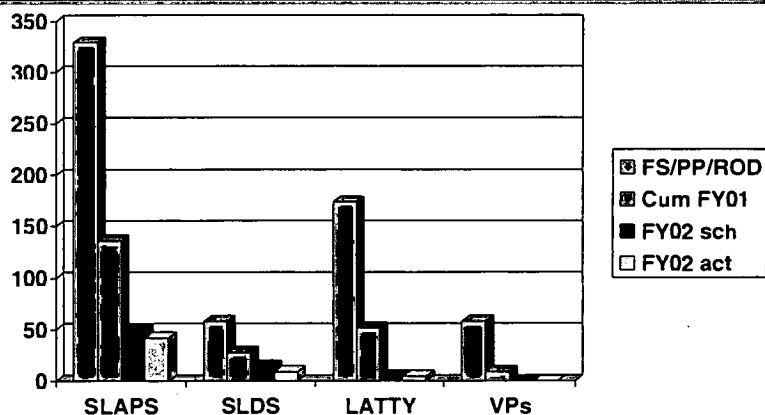


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FY 02 Volume Shipped Using Environmental Documents



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Note 1. North County volumes are based on the North County FS/PP

Note 2. All volumes are exsitu. Exsitu volume = insitu volume plus 20% for excavation and 25% for swell prior to Transportation and Disposal

Note 3. SLDS volumes do not include Inaccessibles

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Community Interactions



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- **Recent Events**

- Briefed Washington University Environmental Issues Class - 22 MAY
- Attended McKinley Bridge replacement public meeting - 5 JUN

- **Upcoming Events**

- Workshop for North County FS/PP - Date TBD, likely in late JUL

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Taskers



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- **Old Taskers**

- The Oversight Committee will meet to discuss how to increase public awareness on clean up standards and LTS (Ongoing)
- Provide the Oversight Committee a briefing on the FS/PP when appropriate (Working)

- **New Taskers**

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Questions



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Questions? **Questions?** **Questions?**
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**U.S. Army Corps of Engineers, St. Louis District
FUSRAP INFORMATIONAL WORKSHOP
TECHNICAL ISSUES**

Purpose: To familiarize stakeholders with key technical processes and concepts used in the development of the North County Feasibility Study and Proposed Plan (FS/PP).

Target audience: Stakeholders impacted by the sites

Location: Hazelwood Civic Center- East
8969 Dunn Road
Hazelwood, Missouri 63042

Dates: July 12, 16, 23, 25, or 30 (Oversight Committee to pick two days)

Topics: Anticipate 30 minutes for each topic (presentation with Q/A)

- Intro/Background – workshop logistics, St. Louis FUSRAP history, key roles of key stakeholders' to date.
- Radiation – basics, exposure effects, contaminants at FUSRAP
- Risk assessment – purpose, process, populations studied
- ARARs (applicable or relevant and appropriate requirements) - purpose, process, relationship to cleanup
- Risk Range –definition and usage
- Property Release – definition and usage
- Cleanup – activities, process, documentation
- Long-term stewardship – definition, usage, implementation
- "No rad added"/ Missouri Solid Waste laws – definition, implications

Once the North County FS/PP are released for public review, another workshop will be held to specifically address the information presented in these documents.

North St. Louis County FUSRAP Project
Stewardship, June 2002

**Soil is Moving and USACoE Health Physicists are working.
SLAPS isn't the only place where it's happening.**

USACoE contractors have been helping landowners develop and maintain their properties. Sure, the landowner does the construction BUT the Corps provides radiological assessment and support. This effort is often limited to surveys with field screening equipment but sometimes it entails removal of soils by the Corps.

The attached photos show changes that have occurred at the FUSRAP sites during the past two years. Current events in north St. Louis County demonstrate that despite contamination, construction and maintenance continues. We must minimize the impact of contamination first through removal and secondly through stewardship. Five to seven years from now, the project will be completed. However help must be given to landowners in caring for the contamination that will remain under roads, railroads, bridges, and buildings.

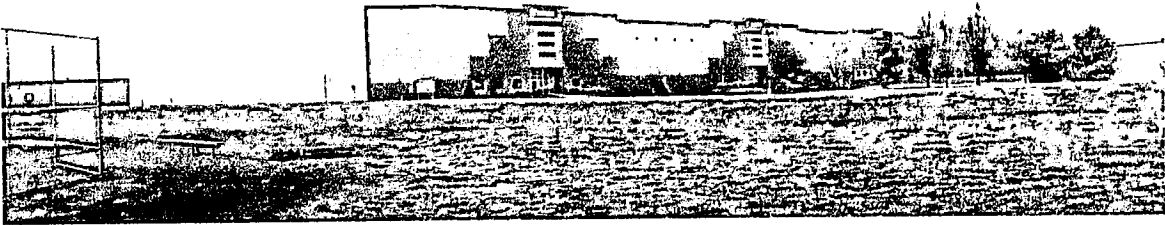
This report will show **CHANGES ARE HAPPENING NOW IN NORTH COUNTY! STEWARDSHIP CAN BE A HELP RATHER THAN A HINDRANCE TO DEVELOPMENT.**

We NEED community interest in reviewing decisional documents (the upcoming proposed plan) and working with the stewardship committee on documents for years to follow !!!!

Please contact Mr. Lou Dell'Orco
of the USACoE at (314)260-3932
if you are interested in helping.

Property Improvements

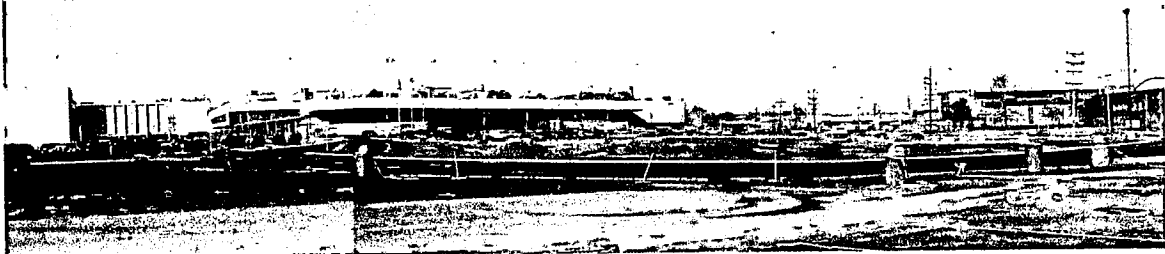
A vacant lot became the home of a new warehouse on Vicinity Property 36.



The west 1.5 acres of Vicinity Property 24 was an empty field but very shortly it will become a new warehouse.

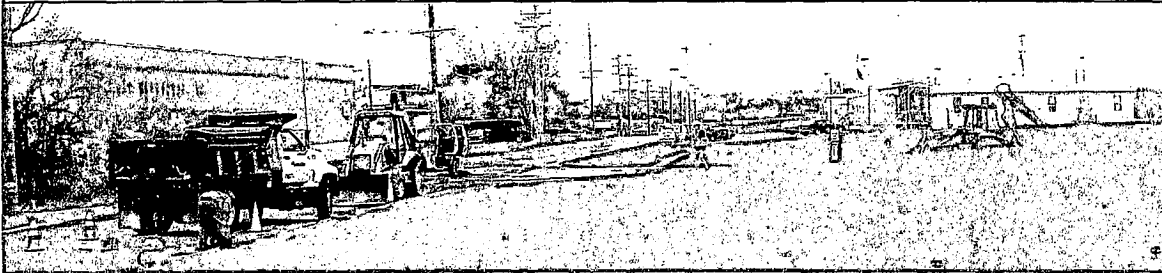


Several acres of pavement at VP13 was removed for replacement with turf and trees.



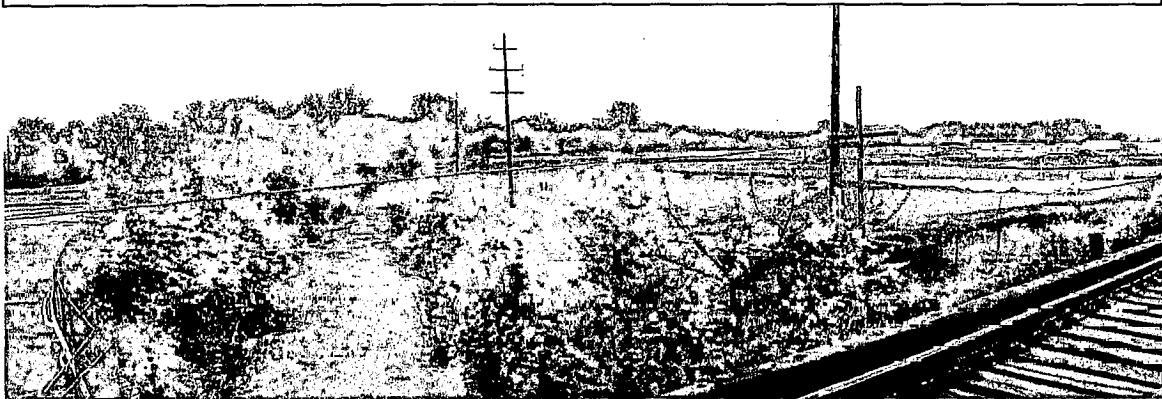
Property Maintenance

Water main break on Latty Ave. April 2002



April 17, 2002. A break in a water main washed away soil and gravel from under a road causing it to sink. USACoE personnel provided HP support to construction crews in preventing further spread of contamination that could result from the repairs.

Flood Damage, May & June 2002



Coldwater Creek has been flooded several times the past two months. The top photo was taken from the railroad bridge crossing the creek and bordering SLAPS. A cavity under the foundation of the bridge, approximately 18 feet wide, 2 feet high, and 1.5 feet deep, resulted as soil and rock were swept away by the creek. Norfolk Southern is attempting to prevent further loss of soil however further repairs with assistance from the USACoE may soon be needed.

**North St. Louis County FUSRAP Project
Stewardship, June 2002**

FUSRAP Document Management System

Year ID
00 3264

Further Info?
☐

Operating Unit
St. Louis Sites

Site

Area

MARKS Number
FN:1110-1-8100g

Primary Document Type
Public Affairs/Community Relation

Secondary Document Type
Public Meeting Minutes/Transcripts

Subject or Title

St. Louis FUSRAP Oversight Committee Meeting Minutes from 6/14/02 meeting

Author/Originator

Richard Cavanagh

Company

St. Louis County Healt

Date

7/5/2002

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Company (-ies)

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Central Files

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Paper

Confidential File?

☐

Comments

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Bechtel ID

Include in which AR(s)?

- ☒ North County
- ☐ Madison
- ☐ Downtown
- ☐ Iowa

ETL

8.10

Filed in Volume

8

