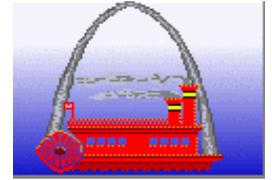




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St. Louis District

FUSRAP



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St. Louis Oversight Committee Meeting *Corps Update*

8 November 2012





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Agenda



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- **Background**
- **Brief History**
- **North County Sites**
 - **St. Louis Airport Site (SLAPS)**
 - **Latty Ave. Properties**
 - **SLAPS Vicinity Properties (Coldwater Creek)**
- **St. Louis Downtown Site (SLDS)**
- **Remaining Sites – Volumes Removed**
- **Site-wide Activities**



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Background



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- **Program execution transferred in Oct 1997 from Dept of Energy to the U.S. Army Corps of Engineers (Corps)**
- **Corps authorized to spend funds to address contamination resulting from the Nation's early atomic weapons program at sites included in the Formerly Utilized Sites Remedial Action Program (FUSRAP)**
- **Corps "inherited" equipment, documents, and data from prior Dept of Energy efforts**
- **Legally required to follow the CERCLA/NCP planning process**
- **Congress directed execution using local Corps District (5 sites to St. Louis District)**
- **Funded annually**



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Brief History



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Oct 1997 - FUSRAP execution transferred to Corps from Dept of Energy

Mar 1998 - Corps ad in Post-Dispatch announces availability of the SLAPS and HISS EE/CA reports. (These reports allowed construction at SLAPS, the Ballfields and HISS to begin before the North County Record of Decision was done. The Corps immediately constructed rail spurs and began stabilizing areas at SLAPS and HISS.)

Aug 1998 - St. Louis Downtown Site Record of Decision completed. (2 Public Meetings held).

Jan 1999 - Corps issues Community Relations Plan. Interviews conducted . (Community Relations Plans are updated approximately every 5-6 years.)

1999 – 2002 - Stabilization efforts at SLAPS and the Ballfields continue. HISS Piles are removed. These actions are concurrent with planning efforts to develop the Feasibility Study Report and Proposed Plan for a North County Record of Decision

Aug 2002 - Environmental Training sessions held for the Public at Hazelwood Civic Center. (Notice in newspapers) The purpose of the training was to prepare the public for review of North County reports. Approximately 30 people attended.

May 2003 - Five Year Review Report issued. (Notices in newspapers)

*Fact sheets and newsletters are distributed thru libraries, businesses, and mailed to general public and public officials.



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Brief History



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May-Jul 2003 – Public review of North County Proposed Plan. Public meeting held. Comments recorded. (North County = SLAPS, SLAPS VPs & Latty Ave sites)

Dec 2003 - Community Relations Plan updated and finalized.

Sep 2005 - Record of Decision for North County signed. Public comments/responses are included in the document. Remediation Goals (clean up standards) established.

Nov 2005 - Open House regarding North County ROD.

May 2007 - SLAPS Completion/closeout Ceremony. (Public notice issued)

Sep 2010 – Second Five-Year Review Report issued. (Public notice)

Sep 2012 – Remedial Investigation Report for SLDS Inaccessible Areas issued.

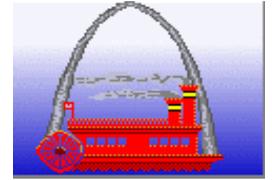
Oct 2012 – Beginning 3rd Five Year Review and updating the Community Relations Plan

2001, 2002, 2003 & 2010 - USACE issued notification letters to landowners/tenants keeping them informed/aware of possible contamination on property



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St. Louis Airport Site (SLAPS) FY13 Activities Status



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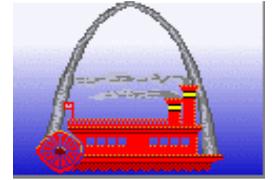
- **No Change** (Remedial Action completed in 2007)
- **Post-Remedial Action Activities** – Air and ground water monitoring implemented. Temporary USACE facilities support other North County projects.



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Latty Ave. Properties

FY13 Activities Status



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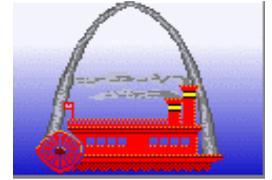
- **Hazelwood Interim Storage Site (HISS)** – Remedial activities completed in FY11.
- **Futura** – Continuing building decontamination. Soils remediation is complete.
- **VP-1L (Fed Mogul)** – Sampling right-of-way between property and Latty Ave completed. No remediation required.
 - Building Decontamination Plan completion anticipated in January 2013.
- **VP-2L** – Remedial activities completed in 2011.
- **VPs-3L, 4L, 5L & 6L** – Sampling and remediation completed in 2012.
- **Ground water Monitoring** – For inaccessible material beneath buildings at Futura to ensure protection of groundwater and Coldwater Creek
- **Shipping Totals** – FY12 = 1,496 cy
 - FY13 = 0 cy



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SLAPS VPs

FY13 Activities Status



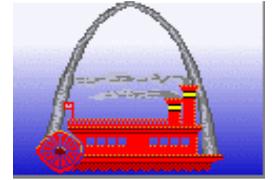
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- **Ballfields (IA-9)** – Being completed in 3 phases (based on drainage areas)
 - Phase 1: Excavation completed, establishing turf
 - Phase 2: Excavation on-going, approximately 50% complete
 - Phase 3: Design underway
- **VP16/Eva Rd Loadout** – Continuing excavation, approximately 60% complete.
- **IA-10/Coldwater Creek** – Sampling Work Plan complete. Sampling underway.
- **VPs 1, 2, 7, 13, 14, 15 and IA-11 (Boeing/McDonnell Blvd Properties)** – Sampling Work Plan and sampling anticipated to be complete in 2013.
- **VPs 9C & 10C (Hazelwood LLC)** – Sampling Work Plan and sampling anticipated to be complete in 2013.
- **Ground Water Monitoring** – To confirm contamination does not move to creek during remediation.
- **Shipping Total** – FY12 = 9,125 cy
– FY13 = 1,661 cy



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Coldwater Creek (SLAPS Vicinity Property)



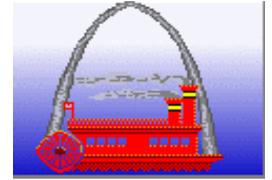
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- **Approach** – Eliminate MED/AEC contributors/sources first, upstream to downstream and support all construction along creek.
- **Scope** – Follows contamination. Investigate and if necessary remediate.
- **Past Sampling** – Sampled from airport to the Missouri River.
- **Current Sampling** – (Reach A) sampling plan completed summer 2012
 - Approximately 650+ soil/sediment samples collected in creek and 300+ along creek perimeter (McDonnell Blvd to Byassee Rd).
- **Reach A** (between SLAPS & Pershall Rd)
 - Sampled bi-annually
 - Sediment and water at 6 locations
 - Annual Environmental Monitoring Data/Analysis Report
 - Remediated Creek between SLAPS and McDonnell Blvd
 - Remediated Creek tributary adjacent to HISS
 - Potential MED/AEC contributors: SLAPS (remediated) & HISS/Futura (remediation of soils complete)

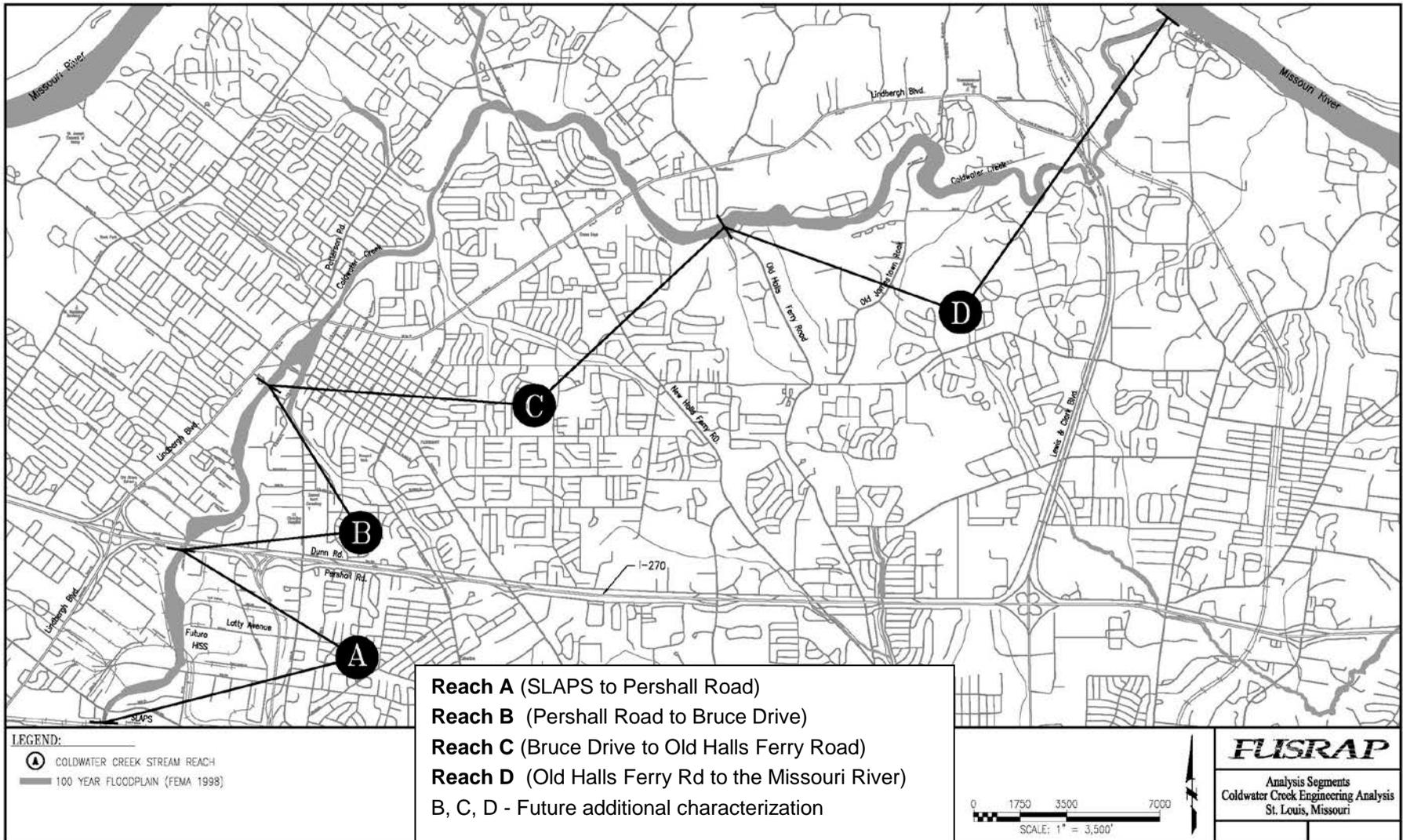


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Coldwater Creek



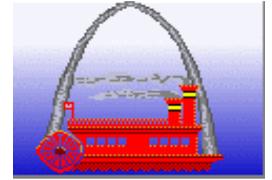
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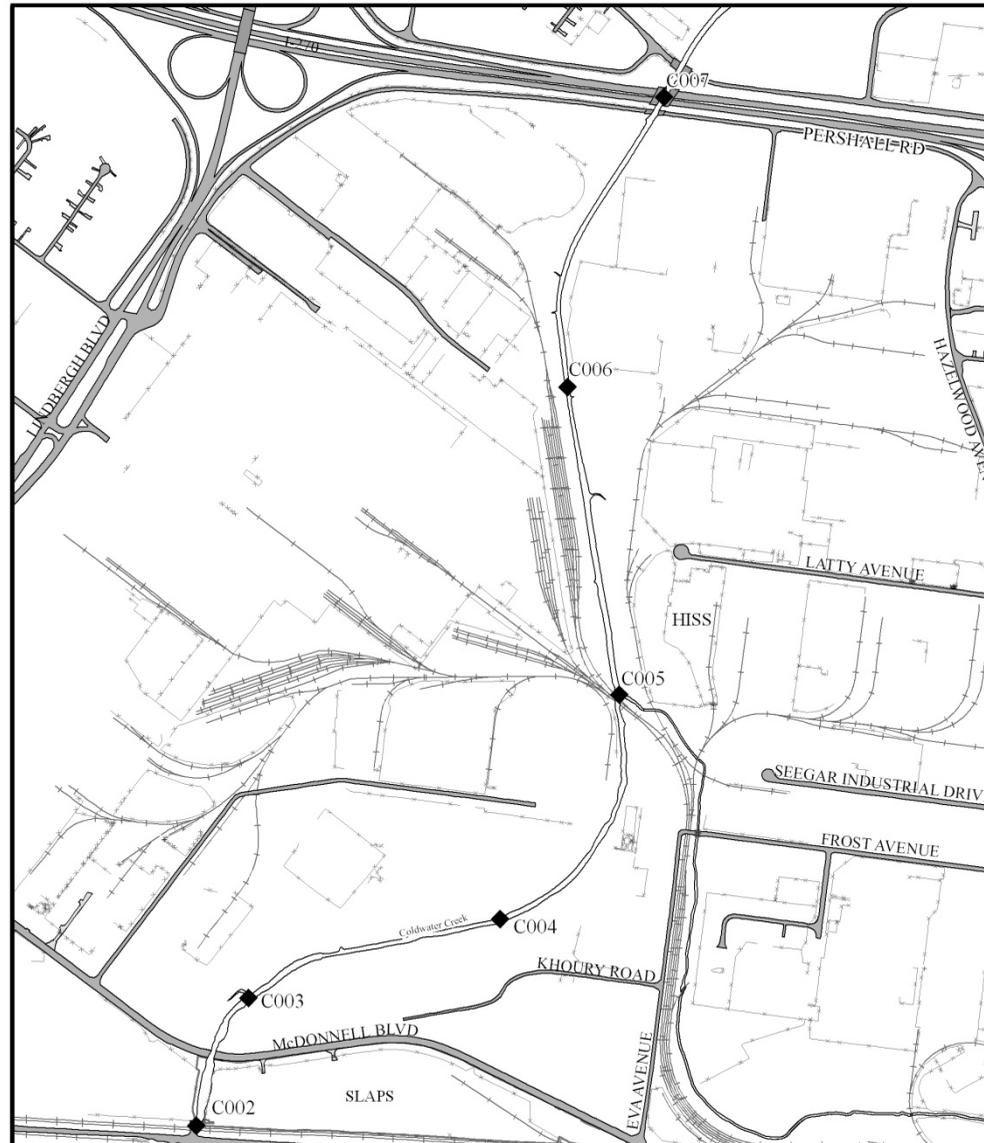


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Bi-Annual Environmental Monitoring Locations



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◆ 6 Sediment and Water monitoring locations along Reach A

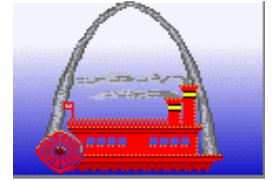
Data contained in Environmental Monitoring Reports (on-line at <http://www.mvs.usace.army.mil/eng-con/expertise/fusrap.html>)



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St. Louis Downtown Site (SLDS)

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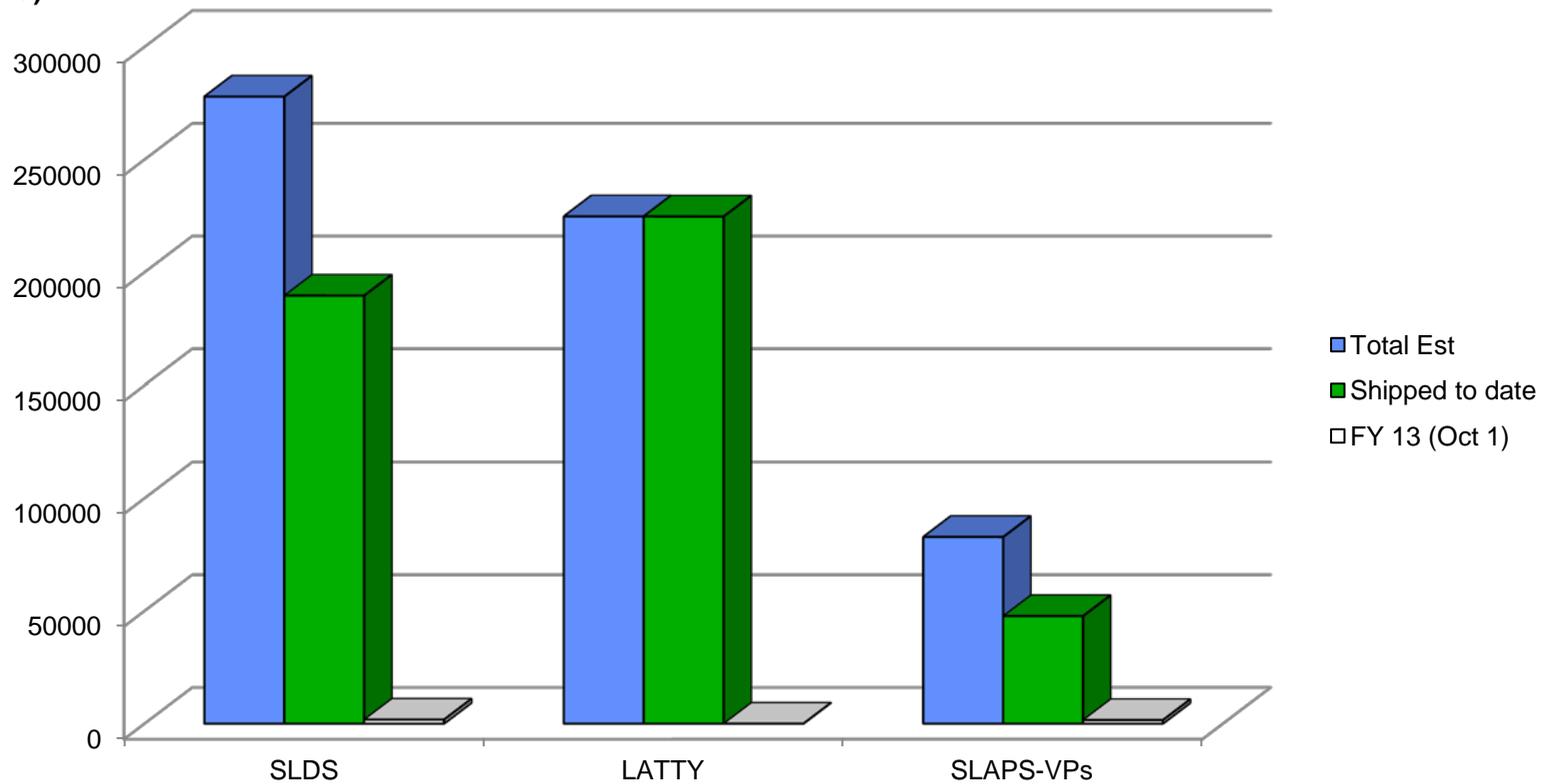
- **Inaccessible Soils** – Remedial Investigation Report finalized Sep 2012. Feasibility Study/Proposed Plan anticipate public review in Mar/Apr 2013.
- **Plant 6, Building 101** – Mallinckrodt made Bldg 101 available for remediation. Remedial activities are on-going.
- **City Property (East of Levee)** – Remedial activities on-going.
- **Kiesel Property** – Completed sampling. Remedial activities will be completed in summer 2013.
- **Shipping Total** – FY12 = 21,800 cy
– FY13 = 1,757 cy



Site Volumes



Cubic Yards
(Ex-Situ)

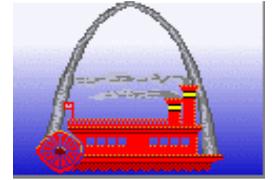


Note: SLAPS total volume = 621,500 cy (not shown). "Total Est" reflects current estimate of total volume based on existing data. This is subject to change as a result of updating.



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FY12 Activities Site Wide



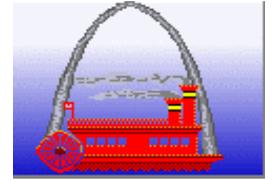
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- **Funding** – Continuing Resolution from Congress provides authority through March in absence of Federal budget.
- **Safety** – No issues. 3,718 days without a lost time accident.
- **Newsletters** – July 2012 newsletter was issued.
 - Next newsletter will be issued in Jan 2013.
 - Newsletters are on the website: <http://www.mvs.usace.army.mil/engineering/expertise/fusrap.html>.
- **Website** – The Corps will be updating all of its websites.
 - The St. Louis District website will change some time in the December 2012 or January 2013 timeframe.
 - You may need to update your links / bookmarks.



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FY12 Activities Site Wide



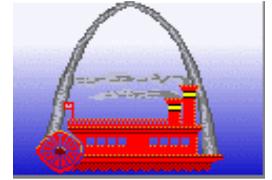
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- **Community Relations Plan** – Currently being updated.
- **Environmental Monitoring Data Analysis Reports** – Calendar Year 2011 Report was issued July 2012. (Available on District website.)
- **Five Year Review** – Initiated. Anticipate completion in 2014.
- **Utility Support since Oct 1, 2012 (Fiscal Year 2013)** – Response to utility companies and developers for areas not yet confirmed to meet remediation goals.
 - St Louis Downtown Site: 2
 - North County: 4



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For Questions and Information



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- **Website** – Check the St. Louis District Website
(<http://www.mvs.usace.army.mil/eng-con/expertise/fusrap.html>)
NOTE: There will be a new website link in January 2013.
- **See a Corps representative** – We will be available after this meeting
- **Administrative Record** – Documents are available for viewing at the following locations:
 - FUSRAP Office, 8945 Latty Ave., Berkeley, MO (314.260.3905)
 - St. Louis City Library, 1301 Olive Street, St. Louis, MO (314.241.2288)

Thank You for your attention!