

FACT SHEET



Madison County Mines Site
Fredericktown, Missouri

January 2003

INTRODUCTION:

The United States Environmental Protection Agency (EPA) has been working in the Fredericktown community. We are gathering additional information about lead contamination which is associated with mine tailings.

In 2002, 215 properties were screened for lead in soil. Of the 215 properties, 92 showed levels of lead greater than the EPA Preliminary Removal Goal of 400 parts per million. Of those 92, 42 showed signs of visible mine waste (chat) in their driveways or other areas of the yard.

EPA plans to begin removing yard soils at properties where children with high blood-lead levels live and where daycares exist.

SITE BACKGROUND:

The Madison County Mines Site is part of the Old Lead Belt in southeastern Missouri, where mining has occurred since the 1700s. Past mining operations left numerous tailings or chat deposits within the county. EPA has been working in the Fredericktown community since 1995 after detecting elevated lead levels in mine tailings deposits. Elevated lead levels in

Meeting Announcements

Tuesday, January 28, 2003

Availability Session

4:00 p.m. - 6:30 p.m.

Public Meeting

6:30 p.m.

Armory Facility

104 Armory Street

Fredericktown, Missouri

EPA Region 7 and the Missouri Department of Natural Resources (MDNR) invite you to attend an Availability Session and public meeting, where we will provide information about the next steps in addressing lead contamination in the Fredericktown community. The Madison County Health Department will also be present to answer questions.

If you have questions about the meeting or the site, please contact:

Debbie Kring, EPA
Community Involvement Coordinator

1-800-223-0425 or 913-551-7003

Email: kring.debbie@epa.gov

the environment can pose a threat to public health, especially for sensitive populations (children six years old and younger, pregnant women, and the elderly).

HEALTH EDUCATION:

EPA, the Missouri Department of Health and Senior Services (MHSS), and the Agency for Toxic Substances and Disease Registry (ATSDR) recommend limiting exposure of young children to lead-contaminated soil This can be accomplished through the following:

- # **children should not eat, drink, or play near areas of known contamination;**
- # **childrens' hands should be washed after playing outside and before meals;**
- # **toys should be washed periodically and not be accessible to the mouths of children;**
- # **homes should be vacuumed and dusted inside to remove potential lead dust which may be present. .**

EPA encourages Madison County residents to have their children's blood-lead levels tested by the Madison County Health Department, free of charge. They can be reached at: (573) 783-2747.

ADDITIONAL INFORMATION:

If you have questions about this fact sheet or need additional information, please contact:

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