



**Missouri
Department of
Natural Resources**

**Public Meeting Response Actions
Shapiro Brothers Salvage Site
September 25, 2013**

The Missouri Department of Natural Resources has compiled additional information based on requests made at the public meeting hosted on May 9, 2013 at the Eagles Lodge in Crystal City. At the meeting members of the public brought up several concerns related to issues associated with the investigation and cleanup activities of the Shapiro Brothers Salvage site and surrounding area. The Missouri Department of Natural Resources (DNR), the Missouri Department of Health and Senior Services (DHSS) and the Jefferson County Health Department are working to address these concerns. Additional information and responses are outlined below.

Draft Work and Cleanup Plans

There are three separate documents that provide details on the proposed work plans: [Residential Yard Cleanup Plan](#), [Indoor Dust Cleaning Plan](#), [Smile Learning Center Cleanup Plan](#). These documents are included as part of the draft abatement order on consent (AOC) between DNR and Shapiro/MW Recycling.

Cleanup of Home Interiors

MW Recycling has agreed to offer indoor dust cleanup to all residents where a yard soil cleanup is conducted. Any additional homes identified for yard cleanups will also be eligible for an interior dust cleanup.

Sampling and Cleanup of Adjacent Commercial Properties

On June 13, 2013, DNR conducted surface soil sampling at seven commercial properties located near the Shapiro facility (mostly properties adjacent to or near Truman Boulevard in Crystal City). Based on a review of the data by DHSS, the levels of lead present at six of the commercial properties, while elevated above background, do not pose a risk based on typical exposure assumptions used for commercial land use. However, lead levels found in soil at a child care facility, located east of the Shapiro facility, were above the Environmental Protection Agency's residential level of 400 parts per million, the level used for bare soil at daycares, preschools and schools. Surface wipe samples taken from playground equipment came back below health-based standards for lead. The playground area was covered with six inches of pea gravel as an interim control measure to prevent exposure to the lead contamination. MW Recycling has since excavated the contaminated soil and replaced it with clean fill and new pea gravel as a permanent remedy. DNR will provide letters to the facility to document the cleanup actions.

Letters of Completion to Document Completed Work on Individual Properties

DNR will provide letters to all residents who receive a yard cleanup documenting the cleanup actions taken on their specific properties.

Use of a Street Sweeper and Other Dust Mitigation Efforts

Since June 2013, the facility has been using an entrance to the site through the Big Lots parking lot, taking the majority of traffic off of Delmar. Shapiro Brothers/MW Recycling provided the department with following information regarding the street sweeper.

- The sweeper is run an average of five to six times per day. An employee is dedicated to ensure tires are washed on vehicles exiting the yard and to run the sweeper.
- At present, street sweeping includes Vine Street, part of Big Lots parking lot, part of 9th Street and the portion of the facility that is paved (from the end of the scale to the street.)
- All truck tires are washed before leaving facility property. During dry conditions, roadways within the facility are sprinkled with water and the street sweeper runs at 30 minute intervals.

Independent Laboratory Testing

DNR does have a compiled list of [laboratories that are certified for chemical analysis](#). The department's laboratory does not conduct lead testing on HVAC filter materials. HVAC filter tests are not part of standard residential lead risk assessment procedures. Residential lead risk assessment practices do include indoor dust wipe analysis and testing of painted surfaces. As noted above, MW Recycling will offer to conduct indoor dust cleanups at residences where yard cleanups are planned.

Abatement Order on Consent (AOC) / Future Public Meetings

A copy of the abatement order on consent (AOC) will be posted online upon completion. There are no future public meetings scheduled at this time.