



Jeremiah W. (Jay) Nixon, Governor • Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

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MEMORANDUM

DATE: January 10, 2012

TO: Eric Sappington, Chief, Superfund and RCRA Unit
Field Services Section, Environmental Services Program

FROM: *MS(for)* Julieann Warren, Chief, Site Assessment Unit (SAU)
Superfund Section, Hazardous Waste Program

SUBJECT: Shapiro Brothers Salvage Yard, Festus, MO

The Superfund section is requesting assistance with a sampling event planned for January 11, 2012 at the subject site. A Combined Site Inspection/Removal Site Evaluation (SI/RSE) was initiated on December 28, 2011. The department is working concurrently with this active facility on waste compliance issues. Typically a formal sampling and analysis plan would be drafted prior to conducting sampling for a SI/RSE. In this instance however, due to the limited scope of the sampling planned and the time constraints posed by the need to coordinate this sampling with an event already planned by Enforcement Section staff, this memo will serve to document the planned sampling activity. Note that once a more mature conceptual site model has been prepared, and based on findings from this sampling event, it may be necessary to conduct additional sampling on the facility. In addition, sampling is planned at nearby residences and surface water/sediment downstream of the site. A formal written sampling and analysis plan will be prepared prior to that more extensive sampling event.

Once a contaminant source area is identified, a surface (0-2”) composite soil sample will be collected. If conditions are amenable, an additional shallow subsurface soil grab sample will be collected from 2-12” depth, using hand tools. The shallow subsurface samples are of particular interest in the fluff pile and railcar dismantling areas. We request that GPS locations and photographs be collected at each sampling area/sampling location. We anticipate that 6-8 samples will be collected plus one replicate split, however the number of samples actually collected will depend on site conditions and time constraints.

All soil samples will be submitted for laboratory analysis of organochlorine pesticides, SVOCs, PCBs, and priority pollutant metals. The surface and subsurface samples collected from beneath the fluff pile will also be submitted for dioxin/furan congener analysis. Should field staff encounter solvent odors in any area during shallow soil excavations, a sample will also be collected for analysis of VOCs.

The sampling event has been scheduled for tomorrow. Time incurred while meeting this request should be charged to “Site Inspection’ FEPA5, Job Number NJ2SHAP. For additional information, please contact Michael Stroh of my staff at (573) 522-9902.

JW:msj

c: Chris Boldt, Environmental Service Program