

Phase 1 Environmental Site Assessment with Visual Asbestos Survey

5650 W. Highway 60

Date of Report: April 30, 2009

Assessment Funding: EPA Brownfields Assessment Grant

Acres: 13.91

Site Background

Environmental Works, Inc. conducted a Phase I Environmental Site Assessment (ESA) of the property located at 5650 W. Highway 60 in Springfield, Missouri. The subject property is a commercial property that is currently leased for use to grind untreated wood (trees, pallets, etc) into mulch and to grind asphalt shingles for recycling as a component of asphalt. The Site has historically been used as a sawmill and pastureland.

Findings

The Phase I ESA identified the following recognized environmental conditions (RECs) for the subject property:

Several 55-gallon drums and containers of petroleum products and paints, and one drum labeled as a corrosive liquid were found stored in three onsite buildings. A 100-gallon diesel aboveground storage tank (AST) is sitting directly on the concrete floor of one building. While these containers are stored inside the buildings on concrete floors, these buildings are open-sided; therefore, a release from these containers could reach the environment.

Numerous debris and trash piles are located onsite, and include plastic and paper trash, empty 55-gallon drums, empty 5-gallon buckets, scrap metal, concrete, wood, brush, a small box trailer, and other miscellaneous debris. Storage of waste in this manner violates the Missouri Department of Natural Resources' (MDNR's) Solid Waste regulations, and is subject to enforcement action. The owner of the Site indicated that all the debris would be removed and properly disposed in the near future.

Approximately 100 waste tires are stored onsite, which makes the Site a "Waste Tire Collection Facility" under MDNR regulations. Per these regulations, waste tires must be stored in a manner so that they will not retain water and they should not be located near an ignition source.

Suspect asbestos containing materials (ACMs) observed at the Site include floor and ceiling tile found in the office building. Sampling and analysis of those materials would be necessary in order to determine the asbestos content of these items, if any.