

## PROJECT DESCRIPTION



**PROJECT:** Pulvair Corporation  
Millington, Tennessee

**VALUE:** \$1,300,000

**DESCRIPTION:**

AST performed a wide variety of environmental efforts at a former pesticide and herbicide facility including: 1) hazard characterization (Haz Cat) of ~9,000 items (in a field lab) for the purposes of waste consolidation and segregation. Of the 9,000 items, 6,000 were laboratory containers and 2,900 were unknown drums. Additionally, the work included the accumulation of over 800 tons of bulk solid wastes, and ~20,000 gallons of liquid wastes. Also, AST cleaned over 115,000 SF of concrete slabs, demolished 240,000 SF of concrete & asphalt slabs, demolished of 250 yards of concrete footers, excavated of 1,800 CY contaminated soils, regraded of 13,000 CY of existing site soils.

Also, as part of this effort, AST excavated the contents from 4 large burial trenches which included 80 drums, 100s of smaller containers, process vessels and other contaminated equipment. As with the all the unknown containers the contents, Haz Cat was performed to determine the hazards present and for safety and waste consolidation purposes.

Due to the potential chemical and physical hazards present; pesticides, herbicides, oxidizers, flammable liquids and solids, flammable metals, acids and caustics, the work was performed in Level B PPE with non-sparking tools, blast shields and flash protection.

Also, AST implemented a bar code system for the each waste container to track results of Haz Cat Testing (flash, pH, oxidizers, PCB testing, reactivity, compatibility testing...etc..) for waste consolidation purposes and work safety.