



# Summary of Recent Projects

Area of Work: *Permitting & Compliance Assistance*

## Project Description: Title V Permit Applications for Wood Treating Facilities Kerr-McGee Chemicals, LLC

**Madison, Illinois; Indianapolis, Indiana; Columbus, Mississippi; Springfield, Missouri; The Dalles, Oregon; Avoca, Pennsylvania; and Texarkana, Texas**

**AquAeTer** prepared Title V Air Operating Permits for all 7 Kerr-McGee creosote wood treating facilities. Methodology was developed from available testing data and literature values (AP-42) for standardizing the emission factors from the various processes at a wood treatment facility. State agencies were contacted to determine the appropriate permit which would apply to a wood treating facility. In all cases, the facilities were either true minor facilities or synthetic minor facilities for hazardous air pollutants (HAPs). Emissions were calculated for each facility that included point source emissions from production operations, such as, the condenser and vacuum pumps, the work and storage tanks and the gas/oil-fired boilers. Fugitive emissions were calculated for valves, flanges, waste treatment facilities, the retort doors openings, and the treated wood storage yards. The standardized approach was adaptable and accepted by each of the different states with minor adjustments for specific state requests at each site. The permits issued for the sites did not limit production at any of the sites.

