



Environmental Mold Expert Develops Defensible Testing Method

Pennington, NJ, September 8, 2008—R. Christopher Spicer, CIH, CHMM, a principal at WCD Group, has developed a method for evaluating mold concentrations in air and on surfaces that is legally defensible. This method was presented by Mr. Spicer in June at the *2008 American Industrial Hygiene Conference (AIHCE)* in Minneapolis, Minnesota. Spicer was invited to speak at the Roundtable Session entitled "Mold Sampling, Analysis, and Interpretation 4001." The AIHCE is the preeminent yearly technical conference of the nation's industrial hygienists, many of whom are at the forefront of the recent public health concerns regarding mold growth in buildings and the effects on the indoor environment. Due to the current lack of government standards, mold data is often evaluated by subjectively interpreting differences between an indoor environment and the general outdoor background. Spicer's presentation, which was co-authored with Harry J. Gangloff, Ph.D., is entitled "The Probability of Failure in Interpreting Fungal Sampling Results." The presentation details the use of Monte Carlo analysis, which is widely used in other scientific disciplines, to show that the numerous interpretive criteria currently in use for mold data are highly variable and will not sustain legal challenge. This approach by Spicer and Gangloff essentially eliminates much of the subjective "expert opinion," and provides a methodology to determine whether any set of mold test data accurately represent a "problematic" or "healthy" building.

The technical paper supporting the presentation, "Verifying Interpretive Criteria for Bioaerosol Data Using (Bootstrap) Monte Carlo Techniques," can be found on our website at: <http://www.wcdgroup.com/documents/JOEHv5Feb08.pdf>

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About WCD Group

WCD Group is a New Jersey-based enterprise that mitigates and manages environmental risk in the real estate and construction industries. WCD Group is the parent organization to three individual companies operating nationally in the environmental remediation and construction management, and property development areas. WCD has firmly established itself as a "trusted advisor" to some of the largest legal, insurance, development, and construction entities in the United States.