

# **Indoor Air Quality Management Services**

# The Fusion of Indoor Air Quality and Environmental Disciplines

Indoor air quality (IAQ) has become a priority in schools, public and commercial buildings. Good IAQ contributes to worker health and comfort, and improves productivity. Some of the factors affecting IAQ and thermal comfort include inadequate ventilation, temperature and humidity extremes, volatile organic compounds and particulates (internal and/or external sources), microorganisms (fungi and bacteria), fungal mycotoxins, or bacterial endotoxins. EQ's IAQ services are designed to help resolve these and other indoor air quality concerns.

### **Serving a Variety of Clients**

EQ has provided IAQ services for different types of structures, including:

- School systems
- Hospitals
- Libraries
- City, County & Federal buildings
- Skyscrapers

## **IAQ Expertise**

EQ's industrial hygiene and occupational health personnel have been conducting IAQ evaluations for more than 20 years. The group's experience includes evaluations to document occupant complaints and symptoms, performance evaluations of HVAC systems, identification of excessive moisture conditions using direct probe and radio frequency measurements, asbestos and lead-based paint assessments conducting chemical and/or microbial sampling for VOC's, mold and other potential contaminants and solution design and remediation.

EQ's IAQ staff has provided assessments in schools ranging from moisture, mold, and asbestos investigation and mitigation.

Our staff has also worked on high-profile IAQ cases, including asbestos analysis in New York City following the World Trade Center disaster and anthrax assessment and decontamination of the Hart Senate Building in Washington, D.C. and other federal facilities.

### **Indoor Air Quality Services**

Our indoor air quality services include:

- IAQ evaluations
- Mold assessments
- Asbestos assessments
- Lead-based paint
- Moisture analysis
- Odor evaluations
- Contaminant & remediation design



Mold inside of ceiling tile



### **Client Projects**

- Asbestos exposure assessment at request of Mayors Office, City of New York immediately following the World Trade Center disaster.
- Anthrax assessment and safety procedures for remediation of contaminated government buildings in Washington, D.C.
- Mold, moisture assessment of hospital, including assessment, design for cleanup & decontamination, and oversight of remediation.
- Moisture and health factor analysis of elementary, middle, and high school building facilities. Projects included assessment, and identification of building envelope issues which allowed moisture infiltration, and cleanup design & management.
- Lead-based paint cleanup evaluations for the U.S. Army Corps of Engineers and assessment of educational facilities and government buildings.

EQ is equipped to address almost any air issue that may arise. Our support staff includes permit engineers, process engineers, chemists, contract specialists, former EPA staff, CAD operators, and programmers.

Infrared detection of mold

#### **IAQ Experience**

Our IAQ staff has more than 20 years of experience and a proven commitment to independent assessments, design & remediation of sites of concern.

Our lead scientist, John Kominsky, CIH has earned a reputation for expert analysis at the local, state & federal levels both public and private facilities.

Our philosophy is to offer technically sound independent assessments to clearly evaluate the status of a site. EQ offers independent analyses to build your understanding of the facility's potential levels of contamination and, if needed, move to cost-effective remedial measures.

### **About EQ**

EQ is a full-service environmental consulting, engineering, and remediation firm. In addition to our corporate headquarters in Cincinnati, EQ has eight offices located throughout the United States.

## For additional information, please contact:

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