
Andrew J. Sutton | Environmental Analyst, CESA, CIAQT, WRT, OCT, CCMi

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Professional Summary:

Mr. Sutton has over 20 years of project management experience in the environmental consulting industry serving a broad range of private and public sector clients. Mr. Sutton specialized in Indoor Air Quality and Industrial Hygiene with a focus on microbial evaluations, dust allergens and combustion by-products. Mr. Sutton has been involved in numerous major loss assignments throughout the United States and has been involved on large complex insurance losses, including apartment complexes, hospitals, restaurants, and high-end residential and commercial projects. Most of his early Industrial Hygiene experience came from working in large office structures and corporate campuses in the southeast addressing employee volatile organic compound (VOC) related concerns. He also has extensive experience conducting environmental compliance, auditing and EH&S program development for industrial facilities. His recent experience includes LEED air monitoring certification, air quality inspections, asbestos surveys, microbial evaluations, post remediation verifications, VOC inspections, combustible dust sampling, Legionella sampling, fire/smoke impact assessment and other hazardous materials management projects.

Areas of Expertise

- Asbestos, hazardous building materials and mold consulting
- Multi-Disciplinary Service Coordination (environmental, remediation)
- Large scale IAQ inspection for manufacturing plant and large warehouse distribution facilities
- Member of COVID-19 Task Force
- Large Complex Insurance Losses

Licenses and Certifications:

Asbestos Inspector, South Carolina License # BI-01839

Asbestos Inspector, North Carolina License # 13229

Asbestos Inspector, Virginia License # 3303004647

IICRC Water Damage Restoration Technician, # 8729456

IICRC Odor Control Technician, # 8729456

Certified Environmental Site Assessor, #3401

Certified Indoor Air Quality Technician, # 3401

Certified Commercial Mold Inspector, #IICRC 1884

Project Experience:

COVID-19 - Public and Private Clients, National Medical, Retail and Commercial Project Management, Charlotte, North Carolina

Project manager for business specific cleaning and disinfection protocols for implementation by restoration/disinfection contractors. Cleaning and Disinfection Oversight, project management, and

documentation that cleaning activities were performed according to CDC best practices. Planning Guidance including possible engineering, administrative and controls for work operations to help identify potential risks and appropriate measures to control the COVID-19 risks.

National Retailer Warehouse Distribution Center, Carbon Monoxide Cross-Sensitivity Project Management, Concord, North Carolina

Project Manager/industrial hygienist overseeing a Design of Experiment (DOE) to determine cross-sensitivity effect on the single gas and multi-gas meters equipped with a carbon monoxide electrochemical sensor. This cross-sensitivity impacts operation by providing false carbon monoxide readings when a low volume of hydrogen exists in an environment. Project consisted of a review of available documentation/specifications regarding fuel cell purge intervals. A review of available documentation/studies/monitoring regarding testing prior to deployment of fuel cells. Air monitoring and sampling for CO and H₂ and background volatiles. Coordinated seamlessly with multiple parties, including facilities management, building management, first responders and EH&S personnel. Required acquiring/coordinating significant assistance of personnel, equipment and other resources from other EFI offices and subcontractors to deal with the large demands from our clients. Provided indoor air quality (CO, H₂, TO-15 parameters) assessment and testing in 1.1 million square feet warehouse structure.

Campus Housing, Post Remediation Verification, Charlotte, North Carolina

Industrial hygienist representing the insured as a third-party firm to the remediation company. Hired to determine the condition of the building after remediation activities. Worked closely with the Environmental Health and Safety department of the insured through site investigation and interviews with site personal to determine the cause of the microbial growth. Mold had been discovered on interior surface of exterior sheathing of the building. EFI performed remediation verification after cleaning. Mr. Sutton was able to determine based on the site investigation and lab analysis the building had been properly remediated in accordance with IICRC-S520-Standard-and-Reference-Guide-for-Professional-Mold-Remediation.

Private Insurance Client, Apartment Community, Cause and Origin Microbial, Charleston, South Carolina

Microbial consultant overseeing cause and origin of the microbial growth in five, three-story residential apartment buildings with an average size ranging from 35,500sf to 51,600sf. EFI performed a site assessment with surface sampling of microbial growth, moisture content readings, temperature, relative humidity and photo documented each building. EFI investigation confirmed that there were several factors that contributed to the elevated moisture levels and microbial growth observed on the gypsum board of the breezeways at the complex.

Private Industrial Manufacturing Client, Manufacturing Plant – Combustible Dust Sampling, Charlotte, North Carolina

Project manager for a hazard assessment for production of a new blend of Photomer 3545 and Benzophenone. Benzophenone is a known combustible dust and the Photomer 3545 contains constituents with established exposure limits. EFI Global was tasked to evaluate potential hazards of producing a new blend of these two materials then conduct a thorough process safety assessment focused on benzophenone exposure with combustible dust issues.

Private Construction Client, LEED Certification – New Building, Research Triangle, North Carolina

Industrial hygienist overseeing an IAQ assessment of approximately 205,000 square foot office building in pursuit of LEED Indoor Environmental Quality Credits. EFI coordinated with multiple parties with a strict deadline. Elements sampled included carbon monoxide, ozone, particulate matter, TVOCs and formaldehyde.

Professional Experience:

EFI Global, Environmental Analyst, April 2019 – Present
Forevermore Home LLC – Environmental Testing Service, November 2008 – April 2019

Specialized Education:

Forensic Investigations, 2019
Fire Investigator Scene Safety, 2019 CFI Trainer
Powered Industrial Truck Operations and Safety Training – Forklift
ESA - Environmental Site Assessor
ESA - Indoor Air Quality Technician
AMA - Lead Inspector Training, #107854
AAA - AHERA Inspector Training, #06-1400
EMTA - Water Damage Restoration Technician
EMTA - Odor Control Technician
PMII – Certified Commercial Mold Inspector #40828

Education:

Washington Saturday College, Associates in Information Systems, 1996
Alameda University, Bachelor of Arts – Major in Telecommunications, 2006

Affiliations:

Institute of Inspection Cleaning and Restoration Certification
Mold Inspection Consulting and Remediation Organization
National Association of Mold Remediators and Inspectors (NAMRI)
North Carolina Real Estate Commission
South Carolina Real Estate Commission