

Andrew J. Sutton | Environmental Analyst, CEMA, CESA, CIAQT, FSRT, WRT, OCT, CCMI, HST

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Professional Summary:

Mr. Sutton is a seasoned project manager with over 20 years of experience in the environmental consulting industry, adept at serving a diverse array of private and public sector clients. He specializes in Indoor Air Quality and Industrial Hygiene, focusing on microbial evaluations, dust allergens, and combustion by-products. Throughout his career, Mr. Sutton has managed numerous major loss assignments across the United States, including complex insurance losses for apartment complexes, hospitals, restaurants, and high-end residential and commercial projects. His early experience in Industrial Hygiene involved addressing volatile organic compound (VOC) concerns in large office structures and corporate campuses in the Southeast. Additionally, Mr. Sutton has extensive expertise in environmental compliance, auditing, and EH&S program development for industrial facilities. His recent work 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 assessments, and 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
- Member of Hazardous Spill Response Team
- Large Complex Insurance Losses

Licenses and Certifications:

40-Hour OSHA Hazardous Waste Operations and Emergency Response (OSHA 29 CFR 1910.120)

Asbestos Inspector, South Carolina License # BI-01839

Asbestos Inspector, North Carolina License # 13229

Asbestos Inspector, Virginia License # 3303004647

Asbestos Inspector, Mississippi License #ABI-00012626

Asbestos Inspector, Alabama License #AIN032428A247E0

Asbestos Inspector, Louisiana License #MI243142

Asbestos Inspector, Florida License #123312202

Mold Assessor, Florida License #MRSA4976

IICRC Water Damage Restoration Technician, # 8729456

IICRC Odor Control Technician, # 8729456

IICRC Fire and Smoke Restoration Technician, # 8729456

Certified Environmental Site Assessor, #3401

Certified Indoor Air Quality Technician, # 3401

IICRC Health and Safety 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.

Southeast Hazardous Spill Response, – Multiple Big Rig Highway Accidents, North Carolina

Performed a critical role in monitoring and responding to environmental incident. Responsibilities included photographing and documenting releases of oil and other hazardous substances at the site. Additionally, conducted thorough one-mile searches around incident areas to assess potential impacts.

Phase I Environmental Site Assessment, Industrial Property, Hendersonville, North Carolina

Conducted a Phase I Environmental Site Assessment on a vacant industrial building (c. 1976) on 7.4 acres. The ESA was associated with a sale of the property and the building has been vacant for approximately 20 years. The property had former underground storage tanks that contained inks and solvents. An unauthorized release of propyl acetate was discovered on the water table during the UST closure activities at the Subject Property from a former UST (AS-471) and reported on August 15, 1991 (Incident Number: 6791). The water table was identified at approximately 11 feet bgs. Immediate response actions included the utilization of sump pumps to remove the floating product from the open excavation pit, and the removal of approximately 450 cubic yards of impacted soil. At the time of the UST closure, one groundwater monitoring well (MW-2) was installed at a downgradient location relative to the UST excavation at the west side of the Subject Property. Groundwater analytical results identified concentrations of n-propyl acetate, isopropyl alcohol, isopropyl acetate, and n-propanol at 16,000 parts per billion (ppb) to 4,300,000 ppb. Based on the results of the assessment, it was recommended the client perform a subsoil investigation to determine if the former underground storage tanks had adversely impacted the subject property and seek a closure letter from the proper regulatory agencies.

Phase I Environmental Site Assessment, Commercial Property, Hickory, North Carolina

Conducted a Phase I Environmental Site Assessment on a commercial dry cleaning building on 1.52 acres. The property has operated as a dry cleaner for over 15 years and was originally

constructed as a dry cleaner (circa 1968). Observations included a Union HL850 dry cleaning machine. Steel secondary containment was noted around the dry cleaning machine and no significant staining or cracking was observed in the area. Two 55-gallon drums, used to store the hazardous waste generated from the machine, and four 5-gallon containers of DF-2000 Fluid, Isoparaffinic Hydrocarbon, which are used as a dry cleaning fluid for the machinery. The hazardous substances were stored on a secondary containment platform with no evidence of a release or spill observed. The operations previously involved chlorinated solvents, particularly tetrachloroethylene (PCE), during the dry cleaning process until 2018, when the current dry cleaning machine was switched to a petroleum based solvent. The ESA was associated with the due diligence process prior to the sale of the property.

Weston Solutions/United States Postal Services, Industrial Hygiene Consulting, Northeast

Serves as project manager responsible for coordinating, overseeing, and performing various environmental consulting services, including asbestos and lead surveys, mold assessments, third-party oversight monitoring for asbestos, lead and mold, lead dust wipe sampling, silica dust sampling, water sampling including lead, copper, and legionella. Acts as liaison between Weston project managers, facility contacts, and EFI colleagues for ongoing assignments. Maintains communication with Weston regarding project status, deadline management for deliverables, response to emergencies and reviewing contractor work plan reviews for regulatory compliance, as required.

Comprehensive Industrial Hygiene Consulting and Emergency Response Services Federal Occupational Health, Department of Health & Human Services, Nationwide

Serves as project manager responsible for coordinating EFI's national response to support FOH's response to federal agencies throughout the United States, including the Social Security Administration, General Services Administration, Alcohol, Tobacco, and Firearms, Internal Revenue Service, and many other federal agencies. Services include indoor air quality, occupant exposure assessments, asbestos investigations, lead health hazard assessments, risk management, water quality testing, and operations and maintenance programs. Emergency response services are provided nationally and generally include occupant exposure assessments, IAQ assessments, mold assessments, remediation guidelines, and construction monitoring.

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
Seagull – Lead Risk Assessor, #198422
AAA - AHERA Inspector Training, #06-1400
EMTA - Water Damage Restoration Technician
EMTA - Odor Control Technician



PMII – Certified Commercial Mold Inspector #40828
AMMA – Certified Environmental Mold Assessor #2661

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