

Sam Huff | Environmental Consultant

2000 South Dairy Ashford Road, Suite 600
Houston, TX 77077 Field Office

Cell Phone: 346.262.4327
sam.huff@efiglobal.com

Professional Summary:

Mr. Sam Huff has technical knowledge of EPA, OSHA, and Texas Asbestos Health Protection regulations. He has worked on a variety of projects in the environmental consulting field over five years in the industry. Mr. Huff is a licensed asbestos consultant, and he has also been heavily involved in residential and commercial mold projects along the Gulf Coast of Texas – an area known for high humidity. Recently, Mr. Huff has concentrated on asbestos AHERA Management Plans for large school districts in the Houston area and he has also been involved in unique environmental testing in hospitals including PCB's, mercury, and tuberculosis testing while also spending time on downtown high-rise asbestos projects, including fire-proofing re-spray testing after the conclusion of the asbestos abatement.

Areas of Expertise

- Asbestos, Hazardous Building Materials and Indoor Air Quality/Mold Consulting Services
- Asbestos AHERA Management Plan
- Asbestos Abatement Project Design

Licenses and Certifications:

Asbestos Consultant, Texas Department of State Health Services, #105902

NIOSH 582 Microscopy Certified

Project Experience:

Cy-Fair ISD, Cypress, TX AHERA Management Plan

Worked with Cy-Fair Director of Maintenance on AHERA Management Plan including three-year re-inspections of eighty-nine school campuses and several support facilities and asbestos abatement projects. Traveled to campuses to do onsite asbestos AHERA re-inspections, determining friability of asbestos in place and whether repair or removal of asbestos containing material was required. Updated Cy-Fair Management Plan and advised Director of Maintenance.

Hospital, Galveston, TX

Worked on unique mercury and PCB assessment at hospital built in 1950's on Galveston Island, prefacing renovation. Project included cataloguing pressure gauges, thermometers, and thermostats which are suspected to contain mercury, then researching them to see if mercury was used in production. Mercoid pressure gauges were found which did contain mercury. PCB assessment included checking light ballasts for labeling of "no PCB's", looking for oil-filled transformers, and taking ten-gram bulk samples of caulking suspected to contain PCB's

for laboratory analysis. One light ballast was found that lacked the requisite “No-PCB’s” labeling, no other PCB’s were identified.

Hospital, Houston, TX

Tested for tuberculosis by air sampling and surface swab sampling in hospital laboratory.

Using PCR testing, determined the presence or absence of tuberculosis in the former laboratory prior to its repurposing. Procedure included sanitization of all equipment and PPE prior to entering the lab, careful sample collection of swab and air samples, and sanitization once the project was completed. Both air and surface samples were sent to the same EMSL Cinnaminson, New Jersey lab – the only lab identified in the country that could do this testing. Methodology for Air Samples: NIOSH Mycobacterium Tuberculosis, Airborne 0900 Method and EMSL Method M159 for PCR Test of air samples. Surface swab sampling followed EMSL Method 159 and were also analyzed by PCR.

Downtown High-Rise, Houston, TX

Worked on fireproofing re-spray testing on columns and beams following asbestos abatement of full floor of downtown Houston high-rise.

Testing included fireproofing thickness testing with specialized caliper at multiple points throughout the floor space and density testing by bulk sample collection and laboratory analysis. Adhesion and Cohesion were tested by measuring the force per square inch necessary to cause failure in fireproofing adherence to beams and columns.

Mid-Sized Hotel, Stafford, TX

Mold Remediation

Led \$1.5M+ mold remediation project of 4-story, mid-size hotel. Determined project needs and worked with external partners and hotel stakeholders to ensure complete mold mitigation within five months. Work included room-by-room moisture mapping, final decision responsibility on sheetrock removal after opening up walls, quantification of removal for unit-cost purposes. Work included communication with hotel ownership, hotel management, sheetrock build back contractor, and remediation contractor.

Professional Experience:

EFI Global, Asbestos Consultant, 2023 – Present
ASE Services, Asbestos Consultant, 2022 – 2023
ASE Services, Project Manager/Inspector, 2018 – 2023

Specialized Education:

Asbestos Project Design, Enviro-Con/Doug Shotwell, 2022
Asbestos Management Planner, Professional Environmental Training/Freddy Polanco, 2022
Asbestos Inspector, Professional Environmental Training/Freddy Polanco, 2022
Asbestos Air Monitoring Technician, Professional Environmental Training/Freddy Polanco, 2022

Education:

Bachelor’s Degree, Biology with an Emphasis in Environmental Science, Occidental College, Los Angeles, California 2017