



Julie Barth | Sr. Industrial Hygienist, CIH, CSP, LEED Green Associate

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Professional Summary:

Ms. Barth has twenty-seven years of industrial hygiene and related experience and eighteen years as an industrial hygiene consultant. She is a Certified Industrial Hygienist, Certified Safety Professional and LEED Green Associate Certified. She has extensive experience conducting noise and chemical exposure assessments, indoor air quality and mold assessments, hazardous materials surveys, mercury vapor monitoring, and laboratory decommissioning.

Licenses and Certifications:

- Asbestos AHERA Inspector, Maryland, License # 22-990
- Asbestos AHERA Inspector, Virginia, License # 3303004842
- Asbestos AHERA Supervisor, Maryland, License # 230003563
- Asbestos AHERA Project Designer, Maryland and Virginia, Pending
- Lead Inspector, Maryland, License #9637
- 40 Hour HAZWOPER, USEPA, 29CFR1910.120 (e)

Project Experience:

Industrial Hygiene Services

Howard County Public Schools – Various Elementary, Middle and High Schools, Howard County, MD

CIH responsible for providing industrial hygiene services on an ongoing basis for various activities for the Howard County Public School System. Projects included LEED air quality evaluations, hazardous material investigations, lead paint surveys, water and mold studies, construction safety support, safety data sheet (SDS) review, indoor air quality (IAQ) support, mercury vapor monitoring, radon testing, ventilation system studies, complaint investigations, and school system representation at community and PTA meetings. Most recently, Ms. Barth conducted air testing for LEED certification at the newly constructed Guilford Park High School.

Industrial Hygiene Services

Maryland School for the Blind - Various buildings, Nottingham, MD

CIH responsible for providing industrial hygiene support for the Maryland School for the Blind. Projects included hazardous material investigations, lead paint surveys, indoor air quality (IAQ) and mold assessments. Most recently, Ms. Barth conducted a limited asbestos and lead-based paint survey at the Morrison Hall.

Hazardous Materials Survey and IAQ Assessments

Maryland State Highway Administration (SHA) – Various locations & buildings, state-wide

CIH responsible for performing hazardous materials surveys and indoor air quality assessments on an on-call basis for three contacts with SHA. Buildings have included houses, businesses, food service, vehicle maintenance facilities, salt domes, bridge tender houses, weigh stations, and office trailers. Hazardous materials surveys for asbestos, lead, PCBs, ozone depleting substances, mercury and other regulated and hazardous waste are performed on buildings to be demolished. Indoor air quality assessments are performed in response to a complaint, flooding, or suspect mold growth both before

and after remediation. Most recently, Ms. Barth performed a lead-based paint inspection of a residence in Scotland, MD.

Hazardous Materials Surveys

Various structures in Maryland and Virginia.

Ms. Barth has eighteen years of experience conducting pre-demolition or renovation hazardous materials investigations as part of a team. Structures surveyed include research facilities, military campus buildings, hospitals, commercial and municipal buildings, housing, manufacturing facilities, and the private sector. Surveys routinely included asbestos, lead-based paint, lead in building materials, mercury, mold and fungi, universal hazardous wastes, low level radioactive materials, ozone depleting substances, oil containing devices and polychlorinated biphenyls. The most recent projects that Ms. Barth participated in included surveys at the following locations:

- Bunche Community Center, Edgewater, MD
- CCBC Student Services Center, Dundalk, MD
- UMCP Cole Field House, College Park, MD
- JHU Garland Hall, Baltimore, MD
- Thomas Johnson Middle School, Lanham, MD
- Mercy Medical Center Mead Building, Baltimore, MD
- US Army Fort Belvoir Building 1978, Fort Belvoir, VA

Professional Experience:

EFI Global, Senior Industrial Hygienist, June 2023-Present
Aria Environmental, Inc., CIH and Project Manager, May 2005-June 2023
Smithsonian Institution, Industrial Hygienist, 2002-2005
US Navy, National Naval Medical Center, Industrial Hygienist, 2001-2002
Johns Hopkins University, Research Coordinator, 1997-2001
Johns Hopkins University, Laboratory Technician, 1994-1997
Jackson Laboratories, Indoor Air Quality Research Assistant, 1990-1993

Education:

Master of Health Science Environmental Health Sciences, Industrial Hygiene and Safety Johns Hopkins Univ. School of Hygiene and Public Health, Baltimore, MD, 1998

Bachelor of Arts Human Ecology, College of the Atlantic, Bar Harbor, ME, 1992

Specialized Education:

NIOSH 582-Equivalent, ATC Group, 2021
Permit Required Confined Space Entry (20 hours)/Confined Space Train-the-Trainer (8 hours)

Training Provided:

GUEST FACULTY (Part Time) Johns Hopkins University Bloomberg School of Public Health Baltimore, Maryland. Ms. Barth provides online course direction, support, and instruction for two online courses: Fundamentals of Occupational Health and Principles of Occupational and Environmental Hygiene.

