

Kayla Carnes | Environmental Scientist

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Professional Summary:

Ms. Carnes has more than five years of experience in providing environmental consulting services. Ms. Carnes has worked on various projects throughout New England that include asbestos inspections, asbestos project monitoring, soil and water sampling, indoor air quality, microbial testing, moisture monitoring and construction dust monitoring. These projects were often part of a multi-agency response involving various federal, state, and city entities including CT Department of Public Health; MA Department of Environmental Protection, United States Coast Guard, EPA and OSHA. Ms. Carnes has a working knowledge of asbestos regulations, EPA standards, and OSHA standards. Ms. Carnes is proficient in asbestos air sample analysis using phase contrast microscopy (PCM). Additional experience includes conducting AHERA 3-year re-inspections and 6-month surveillance in schools, oversight of environmental remediation projects, packaging hazardous waste for disposal, humidity monitoring and restoration of water damaged properties, management and disposal of solid and biological waste and emergency spills response.

Areas of Expertise:

- Asbestos Project Monitor
- Asbestos & hazardous building materials surveys
- Asbestos AHERA compliance for schools K-12
- Indoor air quality and microbial evaluations
- Construction dust monitoring

Licenses and Certifications:

Asbestos Project Monitor, MA, #AM900545

Asbestos Inspector, MA, #AI900637

Asbestos Project Monitor, CT, #000761

Asbestos Inspector, CT, #000924

HAZWOPER, OSHA, 40-hours

General Industry OSHA, 10-hour

Confined Space Entry, OSHA

NIOSH 582 Equivalent Training Course, 40-hour

HazCom, Lead Risk Assessment, Lead Inspector Initial Training, 24-hour

Lead Maintenance and Construction Awareness Training

Project Experience:

Asbestos Consulting Services, Quincy Medical Center, FoxRock Properties, Quincy, MA

Provided full-time asbestos abatement monitoring services in support of the Quincy Medical Center renovation/demolition project. This site consisted of multiple buildings within the complex, occupying an approximately 350,000 square foot area. The project had multiple phases and spanned over several years, and included abatement conducted under a MassDEP-approved non-traditional abatement workplan (NT Plan).

Asbestos Monitoring, Historic Barnstable Armory, Hyannis, MA

Provided on-site abatement monitoring during the abatement of asbestos containing materials in support of planned renovations for the historic Barnstable Armory. As the full-time monitor on site, services included in-process air sampling, final visual inspections and post-abatement clearance air sampling at the completion of asbestos abatement. Also conducted a post-takedown walk-through of the abated areas for satisfactory completion of the work plan scope.

Asbestos Inspector and Project Monitor, MA, CT and RI

Served as the licensed asbestos project monitor responsible for work at a variety of construction sites monitoring asbestos abatement activities, preparing reports and checklists. Conducts asbestos air sampling and PCM analysis in accordance with NIOSH Method 7400. Completed asbestos inspections which include collecting bulk samples of suspect asbestos-containing materials in residential and commercial buildings in Massachusetts, Connecticut and Rhode Island.

Hazardous Materials Consulting, Former Mill Building, Bellingham, MA

Served as inspector on part of an inspection team that conducted an asbestos, lead paint, PCB, and hazardous materials survey of a former textile mill. Later provided full-time abatement and demolition contractor oversight during demolition and bulk loading of asbestos-containing roofing materials. Ensured contractor compliance with the approved MassDEP Non-Traditional Asbestos Abatement Work Practice Plan. Also conducted continuous perimeter air monitoring and on-site analysis of asbestos air samples.

Asbestos Project Monitoring, Green Line Extension, MBTA, Somerville, MA

Conducted full-time perimeter air monitor during live-loading of asbestos-contaminated soil for the MBTA Green Line Extension project.

Asbestos Project Monitoring, Franklin, MA

Conducts visual inspections and PCM final air clearances in the Glen Meadow Apartments

Materials Survey, Rehoboth, MA

Performed a survey and collected bulk samples of suspect asbestos-containing materials from a limited portion of a commercial property in preparation for planned demolition/renovation activities.

Asbestos Project Monitoring, Billerica, MA

Provided full-time air monitoring of personal air samples of abatement crew members during the installation of a fence in ACM- contaminated soil

Asbestos Project Monitoring, Watertown, MA

Full-time air monitoring during several abatement work areas for the towns High School

Asbestos Project Monitoring, Various Housing Authorities, Massachusetts

Provided full-time air monitoring during a complex-wide energy upgrade for the various Housing Authorities throughout Massachusetts

Asbestos Project Monitoring, Former Rail Yard, Readville, MA

Full-time perimeter air monitor air during live-loading ACM contaminated soil

Underground Storage Tank Closure, Hamden, CT

Supervised the closure of 20,000 gallon and 5,000-gallon underground storage oil tanks at a nursing home facility. Performed soil field screening using a photoionization detector (PID) and collected soil and ground water samples for laboratory analysis.

**Asbestos Consulting Services, Richard C. Lee United States Courthouse, New Haven, CT
c/o Dept. of Health & Human Services division of Federal Occupational Health (FOH)**

Conducted asbestos surveys and re-inspections, asbestos air sampling, indoor air quality inspections, mold assessments and construction monitoring.

Asbestos Survey, Concord Hills Apartment Complex, Hartford, CT

Asbestos inspector providing a comprehensive asbestos survey of an apartment building that was impacted following a large fire. The complex was 6 stories in height and suffered a fire loss to half of the building's entirety. Approximately 65 units were impacted including the roof, hallways and other common areas. Following the survey, completed detailed report of findings and recommendations for asbestos removal.

Asbestos Consulting Services, Rising Phoenix Oakville, CT

Asbestos inspector and project monitor following an auto-collision at an electronics shop building in Oakville, CT. Suspect materials were confirmed as asbestos containing materials, leading to an abatement phase of the project. Later served as the designated project monitor during full time Asbestos Project Monitoring and provided on-site PCM analysis for the duration of the abatement.

Asbestos Project Monitoring, Allstate Insurance, Wethersfield, CT

Asbestos project Monitor responsible for providing on site PCM analysis for a residential Visual Inspection and Final Air Clearance after a Wethersfield, CT residential home suffered water damage in the basement. Work conducted was associated with an Allstate homeowner's insurance claim.

Soil Sampling, Fernald Center, Waltham, MA

Conducted soil Sampling to discover the plume from contaminants

Asbestos Consulting Services, Beaver Country Day School, Chestnut Hill, MA,

Conducted a pre-construction asbestos survey in preparation for the demolition of the school's library building. Assisted during the 3-Year AHERA re-inspection and later provided asbestos abatement monitoring and oversight services during the approximately \$600K abatement project.

Hazardous Materials Consulting, DCAMM, Salem State University Mainstage Theater, Salem, MA

Asbestos project monitor responsible for performing full-time asbestos and lead paint abatement monitoring, air sampling, and contractor oversight during the Salem State University Mainstage Theater renovation project. Conducted on-site analysis of asbestos air samples.

Asbestos Abatement Monitoring Services, Confidential Developer Tremont Street, Brighton, MA

Provided full-time abatement and demolition contractor oversight during demolition and bulk loading of approximately 650 cubic yards of concrete foundation walls coated with asbestos damp-proofing. Ensured contractor compliance with the approved MassDEP Non-Traditional Asbestos Abatement Work Practice Plan. Conducted continuous perimeter air monitoring and on-site analysis of asbestos air samples.

Post-fire Asbestos Inspections, New England

Conducted numerous asbestos surveys in residential properties throughout Massachusetts to confirm whether building materials damaged by fires contain asbestos. Provided immediate emergency response to these requests along with 24-hour turnaround for laboratory results.

Asbestos Project Monitoring, Consulting, Commercial Office Space, Lexington, MA

Provided full-time on-site oversight, air sampling, and work area visual inspections during interior demolition and asbestos abatement activities within an approximately 40,000 square foot vacant commercial office space. Abatement activities were conducted during 2nd shift working hours. PCM asbestos air samples collected during each shift were analyzed on-site.

Emergency Response, National Grid Manholes, Massachusetts

Provides emergency response monitoring and clearance services during abatement or work related to National Grid Manholes throughout Massachusetts. Services are required same day, night and weekends and may include full day monitoring during abatement or final clearance at the completion of work.

Asbestos Project Monitoring, Maynard, MA

Provided full-time on-site oversight, air sampling, and work area visual inspections during the excavation of asbestos and volatile organic compound contaminated soil from the interior of a former mill building. PCM asbestos air samples collected during each shift were analyzed on-site.

Sanitation and Infection Control, Hospital Facility

Served as an Infection Prevention and Control Technician performing basic housekeeping duties, including collection of common waste from trash bins and recycled bottles; sweeping and mopping floors; sanitizing discharged patients' room furniture and preparing bedrooms for new admitted patients. Additionally, emptied biomedical waste bins, collected soils bedding and sanitized private patient restrooms, common corridor restrooms, and soiled maturity suits.

Household Hazardous Waste Collection and Disposal, Cape Cod

Participated in several stages of a collection and disposal assembly line for household hazardous waste collection. The tasks included: 1) collecting household hazardous waste; (such as, disinfectants and other common cleaning supplies, paint stains, non-latex paints, oils, and gas); 2) sorting by organic, non-organic, aerosols and other characteristics; and 3) packaging solid waste and disposing liquid waste into steel drums for disposal.

Hazardous Waste Operations for a Superfund Site, New Bedford, MA

Participated in a HAZMAT operation to locate, retrieve, decontaminate and package a number of materials and appliances from a large 3 story abandoned mill building. The materials collected included fire extinguishers, refrigerators, water fountains, mercury light tubes and PCB light ballasts, transformers, PCB oil batteries, and oil in large 10,000 to 20,000-gallon tanks and associated equipment. Level C supplied air respiratory protection was utilized during the project.

Professional Experience:

EFI Global, Inc., Wilmington, MA, 2015-present
ChemScope Inc., Industrial Hygienist Technician, North Haven, CT, 2014- 2015
Resource Options Inc., HAZMAT Technician, Needham, MA, July 2010-December 2014
Southcoast Hospitals Group, Infection Prevention & Control Technician, Wareham, MA 2013

Specialized Education:

Asbestos Inspector, Institute for Environmental Education
Asbestos Project Monitor, Institute for Environmental Education
NIOSH 582 Equivalent, Chemscope Training Division, 2014
General Chemistry II with Lab, University of New Haven, 2014
Environmental Engineering, University of New Haven, 2013
Geoscience, University of New Haven, 2013
Global Sustainability, University of New Haven, 2013
Annual refreshers to maintain current certifications

Education:

BS, Environmental Science, Minor: Chemistry, University of New Haven, West Haven, CT, Jan. 2015