Peter von Au | Senior Industrial Hygiene Project Manager

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Professional Summary:

Mr. von Au is a Senior Industrial Hygiene Project Manager in EFI's Boston North office location. With 25 years of experience in the environmental and industrial hygiene consulting industry, Mr. von Au is a seasoned project manager specializing in microbial management and indoor air quality. He has extensive experience managing and conducting comprehensive microbial assessments/remediation project oversite and indoor air quality assessments for a broad range of clients throughout the northeast. Clients include hospitals, schools, churches and commercial and residential buildings. He has also prepared customized mold prevention and control programs for various types of buildings, including life science research facilities, office buildings, hotels, and high-rise residential buildings. Mr. von Au is a Massachusetts Department of Labor Standards certified asbestos inspector.

Ares of Expertise:

- Microbial assessment and remediation
- Mold prevention and control
- Indoor air quality
- Asbestos inspection and abatement

Licenses and Certifications:

Asbestos Inspector, MA AI060689

Project Experience:

Public Schools, Indoor Air Quality Assessment/HVAC Ventilation Study
Westford, MA
Served as Indoor Air Quality Scientist conducting a ventilation study for 9 public schools prior to school re-opening. Worked as a team member with EFI's mechanical engineer to conduct air flow measurements and air quality in response to Covid 19 concerns prior to school re-opening. Reviewed engineering controls and provided daily written communication to facilities management regarding the most urgent repairs required. Provided an emergency mobilization for an aggressive deadline for findings.

Underground Garage, Indoor Air Quality Related to Resurfacing
Boston, MA
Served as Project manager for a sensitive indoor air quality project associated with the resurfacing of an underground garage located below a mixed-use high-rise building in downtown Boston. Reviewed engineering controls implemented by the construction contractor and building management staff and made recommendations for improvements. Also conducted indoor air quality monitoring in office space occupied by the Massachusetts Department of Public Health to determine if construction activities were affecting indoor air quality. Sampling was conducted using direct reading instruments for airborne particulate, VOCs, and an isocyanate compound.

Public School, Microbial Remediation Monitoring
Served as microbial specialist in a local public school, performed daily monitoring of the microbial remediation contractor and provided the guidance and direction to determine which materials were to be removed due to mold contamination. Upon successful completion of microbial remediation, performed post-remediation verification sampling, including bioaerosol sampling and surface sampling for microbial contamination to determine whether a work area could be dismantled or if additional cleaning activities were required. Responsibilities also included collection of photographic documentation and daily maintenance of field logs to document the progress of the microbial remediation contractor and support pending litigations.

Hospital, Airborne Particulate Monitoring during Demolition/Building Construction
Boston, MA
As project Manager, coordinated and participated in the monitoring of airborne particulate levels to assess the impact of construction activities on building occupants and hospital functions during the demolition and construction phases of a major new hospital building construction project at a prominent Boston hospital. Airborne particulate levels were monitored outdoors in close proximity to the hospital, in occupied indoor public areas of the hospital, and in functioning sensitive medical areas within the hospital. Utilized TSI DustTrak aerosol monitors in both the datalogging and direct- reading modes and a Met One HHPC-6 laser particle counter in the direct-reading mode to conduct the monitoring.

Healthcare Facility, Microbial Assessment and Remediation (Project Manager)
Services as project manager for a large microbial assessment and remediation project at an occupied healthcare facility where significant flooding resulted from a broken sprinkler pipe. Responsibilities included development of a site-specific microbial remediation work plan that was specifically designed to accommodate an active healthcare facility. Coordinated with the building occupants to ensure the least interference with business operations. Also managed the remediation phase, performed post-remediation verification assessments prior to re-occupancy, and participated in a formal presentation to occupants who had concerns of the possible health risks associated with working in the facility while microbial remediation was being performed.

Residential Condominium Complex, Microbial Assessments (Project Manager)
Project manager for several microbial assessments in a 45-unit, high-end residential condominium complex that is in the construction/development and occupancy phases to evaluate the extent of mold growth as a result of various causes of water incursion and damage. Developed sampling strategies for bioaerosol sampling and source sampling to develop a remediation work plan that incorporated the most feasible, cost-effective, and environmentally sound practices to proceed with the project. Interfaced with the site developer and the building contractor to ensure that the microbial remediation process was completed prior to issuing occupancy letters to the new unit owners. Worked with the site developer and building contractor to manage the possible presence of mold within floor systems. Also regularly provides technical guidance for various indoor air quality issues at the site.

Boston Office Complex, Indoor Environmental Quality Program
Boston, MA
Project Manager for an annual indoor environmental quality program, which includes monitoring for carbon monoxide, carbon dioxide, volatile organic compounds, aldehydes, airborne particulate, temperature, and relative humidity in a high-profile Boston office complex.

Historic Boston Church, Microbial Contamination Investigation
Boston MA
Served as a microbial specialist on a project team for the investigation of microbial contamination in a historic Boston church that was affected by water incursion following a water main break in the street. Assisted in the investigation to determine the extent of microbial contamination within the church. Collected source samples of building materials for direct microscopic evaluation. Based on visual observations and laboratory results, member of the project team that developed remediation work plans for the building. During the remediation process, performed monitoring to document and evaluate conditions to determine the extent of remediation necessary, and to assist in the identification of causes of water incursion and/or damages.

Apartment Complex, Indoor Air Quality Monitoring Related to Supermarket Construction
Boston, MA
Served as project manager during the construction phase of a supermarket in downtown Boston, performed indoor air quality monitoring in an adjacent apartment complex to determine if construction activities were affecting indoor air quality. Sampling was conducted using direct reading instruments for dust, carbon monoxide, and total VOCs.

Large-Scale Asbestos Inspections
As project manager performed numerous large-scale asbestos inspections and have provided on-sight monitoring during asbestos abatement/demolition projects. Provided these services to various clients, including state-owned facilities, school systems, commercial business owners, private institutions, and manufacturing companies. Specific project experience includes the following:

- A comprehensive asbestos inspection of approximately 20 buildings at the former Northampton State Hospital campus located in Northampton, Massachusetts.
- On-site perimeter monitoring during demolition at the former Aztec manufacturing facility, an asbestos products manufacturing site, located in North Brookfield, Massachusetts, during winter of 2000. Monitoring included the collection of air samples for asbestos at the perimeter of the demolition site to ensure that proper engineering controls were implemented during the demolition process.
- Execution of approximately 125 three-year re-inspections for schools managed by the Archdiocese of Boston in accordance with the Asbestos Hazard Emergency Response Act (AHERA).
- Project monitoring during large-scale building renovation and demolition projects involving asbestos abatement at prominent Boston area commercial and university buildings. Duties involved the oversight of the abatement contractor; collection and analysis of air samples; and general interaction with the building owner, general contractor, abatement contractor, and other representatives to ensure efficient on-site operations.

Professional Experience:

EFI Global, Inc., Wilmington, MA
Senior Industrial Hygiene Project Manager, June 2020 - Present

Covino Environmental Assoc./TRC Environmental, Woburn, MA
Asbestos Project Monitor/Inspector, 1995 – 2002
Project Manager/Senior Industrial Hygienist, 2002 – 2020

Education:

Environmental Management Certificate, Bentley College, Massachusetts, 1996
B.A., History, Connecticut College, New London, Connecticut, 1987

Specialized Training:

- Asbestos Abatement Procedures and Practices, Supervisor's Course, Institute for Environmental Education, Woburn, Massachusetts, 1995
- Asbestos Inspector, Institute for Environmental Education, Woburn, Massachusetts, 1996
- NIOSH 582 Equivalent, Institute for Environmental Education, Woburn, Massachusetts, 1998

Publications:

2004. von Au, Peter. "Managers Should Consider Instituting A Mold Prevention and Management Program." December 3, 2004. *New England Real Estate Journal*.