



**Senior Building Sciences Manager**  
[fbuescher@augustmack.com](mailto:fbuescher@augustmack.com)

Fred is Senior Building Sciences Manager for the Michigan, Ohio and Pennsylvania markets. He has over 17 years of experience in environmental consulting and project management with a focus on building science, including asbestos and lead-based paint inspections, indoor air quality, mold investigations, abatement project design, preparation of bid documents, and abatement project oversight. His experience includes the successful completion of hazardous material inspection and abatement projects at hundreds of private and public facilities throughout the Midwest, including government facilities, healthcare facilities, universities, manufacturing facilities, and K-12 schools.

**Project Experience:**

- Managed pre-renovation asbestos inspections, lead-based paint risk assessments and radon testing for a 12-site affordable housing portfolio at apartment complexes located throughout the State of Michigan.
- Managed the preparation of asbestos operations and management plans and lead dust clearance sampling as required, and provided all required documentation to the Michigan State Housing Development Authority.
- Managed and conducted hundreds of pre-renovation and pre-demolition asbestos and lead-based paint inspections, including numerous federal, state and local government facilities throughout the Midwest.
- Prepared hazardous materials abatement design specifications and drawings for numerous renovation and demolition projects. Demonstrated ability to effectively communicate issues involving hazardous materials to team members and stakeholders, including architects, engineers, contractors, and building owners/occupants.
- Performed hazardous material abatement project monitoring for numerous projects, including oversight of contractor work practices, environmental air monitoring, final clearance inspections, final air clearance sampling, and preparation of abatement project closeout documents.

**Expertise:**

- Asbestos Inspections and Abatement Project Design
- Lead-based Paint Inspections and Risk Assessments
- Abatement Project Oversight
- Mold and Indoor Air Quality Investigations
- Due Diligence Investigations for Property Transactions

**Professional Experience:**

**August Mack Environmental, Inc.**  
*Senior Building Sciences Manager*  
2022-Present

*Building Sciences Manager*  
2019-2022

**CTL Engineering, Inc.**  
*Hazardous Materials Project Manager*  
2008-2019

*Environmental Scientist*  
2004-2008

**Education & Certifications:**

- A.A.S. Environmental Technology, Columbus State Community College
- Asbestos Inspector / Management Planner - OH, WV
- Asbestos Abatement Project Designer - OH, PA, WV
- Mold Identification and Remediation Training
- 40-Hour Hazardous Waste Site Operations (HAZWOPER) Training, OSHA and current 8-hour refresher
- Building Environment Council of Ohio