

## Jennifer L. Archacki | Environmental Service Line Principal, LEED

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### Professional Summary:

Ms. Archacki has nearly 30 years of experience in the environmental consulting industry. As a principal level consultant, she is responsible for a variety of tasks including client account management, project scope of work and budget oversight, technical guidance and management of staff. Ms. Archacki has managed numerous high-profile client accounts, providing clients with timely and cost-efficient services in response to their specific project needs. Her specialties include managing large scale renovation/demolition projects from initial survey through abatement, emergency response and catastrophic event management, indoor air quality/microbial consulting, developing client relationships, regulatory interaction and technical oversight. She is currently certified as a LEED Green Associate by the U.S. Green Building Council's Green Building Certification Institute and holds certifications by the Massachusetts Department of Labor Standards as an Asbestos Inspector, Management Planner and Designer.

Ms. Archacki provides consulting services to a variety of private and public clients including architects, engineers, universities, schools K-12, hospitals, insurance adjusters, property managers, real estate developers, and others to ensure that environmental concerns are identified and properly managed as part of building renovation or demolition activity, for property acquisition or sale or for ongoing maintenance purposes.

### Areas of Expertise:

- Asbestos, lead, hazardous building materials and mold consulting
- Asbestos AHERA compliance for schools K-12
- Non-Traditional Asbestos Work Plan (NTWP) development and regulatory agency coordination
- Large scale abatement and demolition project management
- Emergency response team management
- Client account management, Technical Writing & Staff management

### Licenses and Certifications:

Asbestos Inspector, MA, #AI-031196

Asbestos Management Planner, MA, #AP-033118

Asbestos Project Designer, MA, #AD-033119

Leadership in Energy and Environmental Design (LEED) Green Associate, U.S. Green Building Council

### Project Experience:

#### **Quinsigamond Community College, Worcester, MA**

#### **Hazardous Materials Management Services /Environmental Subsurface Investigation**

Principal-in-Charge overseeing hazardous materials management and environmental consulting projects for various campus buildings prior to planned renovations/upgrades. Responsible for overseeing contractual requirements, EFI staff, project schedules and budgets. Also coordinates work with project architects and engineering firms as well as multiple QCC representatives. Provided principal level support for numerous buildings including the Administration Building, Athletic Center, Surprenant Hall, Hebert Auditorium, Child Study Building and the Quonset Hut.

### **Pre-demolition Hazardous Materials Management/Regulatory Support / Historic Barn, Town of Ashland**

Project Principal for our client overseeing the pre-demolition hazardous building materials consulting services including preparation of a Non-Traditional Work Plan (NTWP) for asbestos and lead paint abatement due to structurally unsound conditions that prohibited traditional abatement methods. The project required development of the NTWP and coordination with the Massachusetts Department of Environmental Protection (MassDEP) as well as Town officials to ensure a safe and timely demolition. EFI Global performed perimeter air monitoring and asbestos abatement oversight during abatement/bulk loading of demolition debris.

### **Hazardous Materials Survey / Abatement Monitoring, SLAM Collaborative, Boston, MA**

Project Principal in Charge during a large-scale hazardous building materials survey of the existing Newton Pavilion for the Shattuck Hospital Relocation Project. The work included a survey for asbestos-containing materials, lead paint testing and an inventory of other potentially hazardous/regulated building materials that may require removal in conjunction with renovation efforts. Provided overall project management and technical consulting with the project team, including the architect, state representatives and consultants to develop technical specifications for bidding. This work is currently ongoing as of Spring, 2021. The Project Site includes two buildings, a six-story, approximately 83,000 square foot building constructed in 1971 and an eight-story, approximately 340,000 square foot building constructed in 1986.

### **Multiple College and University Renovation/Demolition Projects – throughout MA**

Senior project manager for many local universities for over 20 years, including the University of Massachusetts, Massachusetts Institute of Technology, Lesley University and Boston University during planned renovation/demolition projects and feasibility studies. Managed large-scale comprehensive surveys for asbestos and other hazardous building materials in a variety of building types including residential, laboratory, and academic buildings, some of which were of historical significance. Ms. Archacki managed the client accounts and interacted with University Project Managers, Health & Safety Departments, Project Architects and General Contractors throughout the survey, specification design and abatement phases. Assisted Clients with contractor bidding and selection and provided technical guidance and oversight during abatement efforts.

### **Emergency Response Industrial Hygiene Consulting, Merrimack Valley Natural Gas Explosion, Andover, Lawrence & North Andover, MA**

Senior Project Manager on a large-scale emergency response effort following natural gas explosions and fires, which resulted in the evacuation of 30,000 homeowners and business owners. Responsible for overseeing and scheduling industrial hygiene response teams for fast-track inspections for asbestos, lead paint and other hazardous materials to facilitate replacement of older boilers and appliances before power could be restored to thousands of homes and businesses in the impacted area. The explosions and subsequent utility shutdown were caused by excessive pressure in natural gas lines delivered by a local utility provider. Work was performed at the ground level in multi-disciplinary response teams of industrial hygienists, utility experts and contractors. Consistency in scheduling and reporting to the utilities and regulators was essential to the overall success of the project as quick response times for field survey work and sample results allowed for prioritization of hazardous materials abatement needs. The massive 3-month coordination effort allowed for a successful phased approach for re-occupancy.

### **Emergency Environmental Consulting, Eversource Energy, Various Sites in Massachusetts and New Hampshire**

Senior Project Manager responsible for facilitating emergency environmental consulting services in support of utility infrastructure emergencies where asbestos-containing material and other hazards interrupted the repair or replacement of various components where service restoration was

imperative. Consulting services were performed on an on-call, as-needed basis, typically with a 2-hour site mobilization response time. Work included project monitoring in support of asbestos abatement activities, oftentimes in locations with electrical and confined space hazards. Final visual inspections and air clearance sampling was performed on-site to ensure quick turnover of the work areas to other trades. In addition, prepared Non-Traditional Asbestos Work Practice Plans (NTWP) for abatement activities where standard regulatory requirements were not feasible due to electrical hazards, logistics, or other safety concerns. Managed the abatement process and coordinated with regulators, Client and Contractors as needed.

#### **Mechanical Room Electrical Fire and Explosion, Element Hotel, Lebanon, NH**

Principal-in-Charge responsible for coordinating environmental emergency response activities where an electrical fire and subsequent explosion occurred inside a Mechanical Room causing widespread fire and water damage to one wing of the hotel. Emergency response efforts initially included an evaluation for asbestos-containing materials on a same day turnaround time for results. This work was performed to support the initial damage that resulted by the explosion and involved coordination with the New Hampshire Department of Environmental Services, Hotel representatives and restoration contractors. EFI was also retained to perform a structural engineering investigation to determine cause and origin of the fire, thus providing the Owner with multiple services in record time.

#### **Asbestos Consulting, Abatement and Demolition, Former Historic Watch Dial Company, Waltham, MA**

Principal-in-Charge responsible for overseeing staff involved in the cleanup of an historical watch dial factory which utilized radioactive radium in historic operations. The building was designated a National Historic Landmark due to the building's distinctive architecture. A partial roof collapse prompted rapid demolition in 2019 due to hazards posed from falling debris from the damaged building where asbestos-containing roofing materials and cement paneling debris was identified following collapse. Asbestos-debris was intermixed with radium-impacted metal components which complicated abatement activities. The project required preparation of a Non-Traditional Asbestos Work Practice Plan for submission to the Massachusetts Department of Environmental Protection (MassDEP) for the demolition and abatement of the building, which included radium considerations not normally considered in NT Plan preparation. Oversaw employees performing full-time project monitoring, air monitoring and coordination of work within the asbestos work zone, including facilitating work transfer between asbestos abatement and radioactive materials mitigation operations in order to successfully complete asbestos/radium decontamination of the site.

#### **Environmental Consulting for Boiler Explosion, Salem Power Plant, Salem, Massachusetts**

Senior Project Manager supporting a team of multi-disciplinary industrial hygiene professionals providing various environmental consulting services following a boiler explosion inside the plant that resulted in widespread asbestos contamination in the building. Responsible for mobilizing teams of certified asbestos project monitors to provide daily personal air monitoring on abatement workers, on-site air sample analysis, daily safety meetings and other services. The work included regular coordination with regulatory agencies to evaluate the progress and work practices used during the clean-up. The work involved the management of field staff and coordination the owner, contractors, regulators, forensic experts, and various trades.

#### **Historical Building Renovation Projects – MA**

Senior project manager responsible for performing work in buildings with historical significance, acting as the environmental representative for project teams that include the building owner, general contractor, project architect, and engineer for feasibility study purposes, or large-scale gut-renovations. Specific project management includes coordination of the inspection process, preparation of technical specifications, coordination with all members of the project team, development of remediation cost

estimates, and overall project management during the abatement phase. Assists with the bidding process, including contractor walkthroughs, review of bid packages, and contract award.

**Emergency Response Asbestos Management, Public Utility Client, Massachusetts and New Hampshire**

Senior project manager for a large public utility, responsibilities included emergency response coordination for work activities requiring asbestos surveys or project monitoring services on a quick turnaround, oftentimes with a 2-hour response window. Coordinated all sampling and monitoring activities with the Client and Contractor to ensure work was performed within Client guidelines and safety requirements. In addition, prepared Non-Traditional Work Practice Approval Plans (NTWP) for abatement activities where standard regulatory requirements were not feasible due to electrical hazards, logistics, or other safety concerns. Managed the abatement process and coordinated with regulators, Client and Contractors as needed.

**AHERA Services, Numerous School Systems throughout Massachusetts**

Senior project manager for numerous public and private school systems throughout Massachusetts, experience has included oversight and compliance assistance for over 100 schools K-12 with the requirements of the EPA's Asbestos Hazard Emergency Response Act (AHERA) for over 15 years. Experience includes account management, communication with LEA Designated Persons, oversight and review of 3-year re-inspections, development of response action recommendations for abatement, work plan designs for repair or removal of asbestos-containing materials, contractor selection and bidding assistance and oversight during the abatement process. In addition, Ms. Archacki has managed numerous large-scale renovation/demolition projects for schools K-12 including comprehensive surveys for asbestos-containing materials, lead paint, PCBs and other hazardous building materials, development of technical specifications for abatement, assistance with bid award and oversight during abatement activities.

**Asbestos and Hazardous Building Materials Services, Public Hospital, Boston, MA**

Senior project manager for a large public hospital in Boston, Massachusetts, Ms. Archacki provided oversight of asbestos and hazardous building materials inspections in occupied areas, design of work plans for abatement, and management of the abatement process. She coordinated with hospital representatives and construction trades working in the building to ensure that the work is conducted with minimal disruption to hospital operations. The work is often conducted in highly sensitive areas, including operating rooms and research laboratories.

**Hazardous Materials Management, Fort Point Channel, Brownstone-Style Buildings Redevelopment – Boston, MA**

Project manager during the redevelopment of over 100,000 square feet of brownstone-style buildings formerly used as warehouse, residential, and light manufacturing into 10, 20, and 30 Channel Center in South Boston, a high-end loft-style living community with commercial leasing space. The Channel Center project included an inspection for asbestos-containing materials, lead paint, and other hazardous building materials that might be impacted during the gut renovation project. Developed technical specifications and managed the hazardous materials abatement project. This large-scale project was a significant renovation in Boston's Fort Point Channel area. Interfaced with the project team of owners, developers, architects, and abatement contractors throughout the project.

**Asbestos 2-Hour Awareness Training, Multiple Clients**

Conducts asbestos 2-hour awareness training on an as-needed basis for various construction trades that may disturb asbestos-containing materials during their work activities. Has provided this type of training to facility managers, university staff, and general construction/trades personnel.

### **Nationwide Property Investment Firm, Due Diligence Investigations (Project Manager/Technical Representative)**

Technical representative for 4 years to a nationwide property investment firm for due diligence investigations. Responsibilities included research and review of existing or potential environmental issues that could affect multi-million-dollar investment portfolio decisions. Acted as liaison between client, regulators, and potential buyers or sellers of property to recommend necessary course of action prior to investment or sale. Environmental issues of concern included soil and/or groundwater contamination due to current or historical site operations, and asbestos, lead, or other building-related hazards. Also performed Phase I environmental site assessments nationwide in accordance with ASTM Standards and specific client guidelines.

### **O&M Programs for Occupied Buildings**

Develops Operations and Maintenance (O&M) Programs for on-going maintenance of identified asbestos-containing materials in occupied buildings. The O&M Programs are typically developed for universities, commercial real estate clients and hospitals.

### **Education:**

BS, Environmental Science, Allegheny College, Meadville, PA 1987

### **Specialized Training:**

Procedures and Practices for Asbestos Abatement Projects, Supervisor's Course, Institute for Environmental Education, 1988

Institute for Environmental Education, Wilmington, MA: Coursework for Asbestos Inspector, Management Planner and Project Designer including annual refreshers (1989 – present)

40-hour OSHA Hazardous Waste Operations and Emergency Response Training (1988)

LEED Green Associate initial and annual refresher coursework (~2010 – present)

### **Professional Experience:**

EFI Global, Inc., Wilmington, MA, Environmental Service Line Principal, 2019 – Present

TRC, Woburn, MA, Senior Project Manager, 2013 – 2019

ENVIRON (currently Ramboll) 2011 - 2013

ATC Associates Inc., Woburn, MA, Project Manager, 2006 – 2009

Covino Environmental Associates, 1997 – 2006, 2010 - 2011

LFR (currently Arcadis) 1993 – 1997

Hunter Environmental Sciences, 1988 - 1992