

INDUSTRIAL HYGIENE SERVICES

Women-Owned Small Business (WOSB)

PRIMARY NAICS 541620 & 541690

Firm Overview

Aria Environmental, Inc. (AE) is a MDOT-certified woman-owned small business that provides environmental, industrial hygiene and safety consulting services and EPA/OSHA compliance training to private industry as well as federal, local and state agencies throughout the State of Maryland. Led by a Doctor in Public Health, AE maintains current relevant certifications in industrial hygiene, asbestos and lead-based paint services, hazardous waste operations and emergency response, drinking water, storm water management and sediment/erosion control.

These certifications—along with the education and experience of AE’s professionals—enhance their ability to meet the challenges that arise during building construction, renovation or demolition and in finding efficient and effective solutions to environmental, health and safety issues.



Market Sectors & Clients

Commercial/Private

Northrop Grumman
Lockheed Martin
General Physics Corporation

Education

Howard County Public Schools
St. Mary’s County Public Schools
Baltimore County Public Schools
US Naval Academy
University of Maryland, College Park

Healthcare/Research/Laboratory

Anne Arundel Medical Center
Mercy Medical Center
UMMS Mid-Maryland Campus
St. Agnes Hospital
Walter Reed National Military Medical Center
National Institutes of Health
Naval Research Laboratory

Municipal/Government

City of Baltimore
NAVFAC Washington
USACE Baltimore, Kansas City, Huntsville
National Guard Bureau

Service Offerings

Strategic environmental management planning

Multi-media environmental compliance audits

Phase I/II site assessments and investigations

Asbestos/lead/hazardous materials identification, management and abatement design

Industrial hygiene program development, evaluations and exposure assessment

Hazardous waste management

Pollution prevention program support

Environmental, safety and health training

Laboratory decommissioning/design

Indoor air quality investigations

LEED pre-occupancy air monitoring

Subsurface soil and ground water investigations

EPA/OSHA compliance support

Compliance training

Ship breaking/decommissioning

Staff augmentation for industrial hygiene support

Project Experience

AE has extensive project management experience providing industrial hygiene services involving indoor air quality testing, asbestos and lead-based paint surveys for our clients. Investigations conducted have also included the identification and quantification of PCB, CFC and mercury-containing equipment. In addition, several projects have incorporated Indoor Air Quality (IAQ) evaluations utilizing real-time and passive air monitoring techniques.

On-Call Industrial Hygiene & Environmental Support Services for the Lexington Market Transformation, Baltimore, MD – AE conducted an industrial hygiene survey and analysis for the Phase I work associated with the future partial demolition, renovation and redevelopment of the Lexington Market. Given the age of the facility and the expected need to replace most building systems, the team conducted hazardous materials surveys of the East and West markets, arcade and the parking garage for friable and non-friable asbestos containing materials, lead-based paint and other hazardous materials. AE prepared design documents showing the quantity and location of hazardous materials requiring abatement in the building.

Hazardous Materials Consulting Services, Pfeiffer Building, Baltimore, MD – Dr. Twilley provided hazardous materials consulting services for the adaptive re-use and redevelopment of the Pfeiffer Building located at 200 North Paca Street in Baltimore, MD. Dr. Twilley surveyed the five-story building (23,040 SF) for hazardous materials.

Howard County Public Schools, Various Elementary, Middle and High Schools, Howard County, MD – AE is supporting various activities for the Howard County Public School System. Projects include: eight Phase I Environmental Site Assessments (ESA), LEED air quality evaluations, HAZMAT investigations, lead paint surveys, water and mold studies, construction safety support, Material Safety Data Sheet (MSDS) review, Indoor Air Quality (IAQ) support, ventilation system studies, complaint investigations, training and school system representation at community and PTA meetings.

Anne Arundel Medical Center, Annapolis, MD — AE performed indoor air quality (IAQ) evaluations and employee exposure monitoring in temporary and permanent histology, pathology and microbiology laboratory space during and after construction of the newly expanded hospital. Field screening tools including a TSI IAQCalc and RAE Systems ppbRAE Photoionization Detector were utilized to trace leaks in exhaust ventilation equipment and identify elevated concentrations of solvent vapor in the temporary laboratories.

NIH/USACE Baltimore District, Multiple Award Environmental Services (MAES) for Phase 2 Environmental Site Assessment Project for four Laboratories in Bethesda and Kensington, MD — AE is providing hazardous materials surveys, phase II environmental site assessment, laboratory decommissioning services as a subconsultant under this contract.

Contact Us

For more information about our industrial hygiene, environmental and safety consulting and training services, please contact us at:

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Professional Certifications

Certified Industrial Hygienist
Certified Safety Professional
Certified Environmental Trainer
Registered Environmental Manager
LEED Green Associate

Certifications Related to Hazardous Materials Investigations

AHERA Inspector/
Management Planner/
Project Designer
Lead Inspector Technician/
Risk Assessor
Lead Paint Inspection Contractor
Radiation Safety License (XRF)
HAZWOPER