



Industrial Hygiene and Environmental Consultation

MDE's team providing industrial hygiene and environmental consultation include experienced certified industrial hygienists, engineers, and other professionals. We provide a broad offering of services for your industrial hygiene, biological or physical contaminant and environmental needs. MDE provides these services proactively (as a preventative measure), forensically, to develop corrective action plans, or as an expert witness. Our areas of expertise include:

Contaminant Investigations, Remediation/Abatement Plans, and Acceptance Inspections

MDE performs evaluations for a variety of contaminants in residential, commercial, medical, public and industrial facilities. As needed, the evaluation includes:

- Asbestos (Certified Asbestos Inspector and Designer)
- Water infiltration
- Mold and Bacteria
- Lead
- Rodent infestation
- Sewage infiltration (includes toilet overflow, rainwater infiltration, plumbing failures, and flooding)
- Smoke, fire residue and puff-backs
- Odors
- Methamphetamine (Washington certified Meth lab) and Marijuana grow operations
- Dusts for allergens, mites, and danders
- Develop site specific remediation/abatement protocols for one or more contaminant
- Report of source of the contaminant
- Development and conducting of acceptance or clearance inspection following the remediation/ abatement work

Industrial Hygiene Evaluations of Sites

- Indoor air quality
- Ventilation evaluations
- Noise studies
- Confined space
- Area evaluations for contaminants/chemicals
- Presence of abnormal concentrations of mold and/or bacteria
- Post-construction studies
- Post-remediation/cleanup in hospitals, surgical suites and medical facilities
- Area noise or particulate studies
- Volatile organic compound assessments for "green" building certifications
- Exposure Assessments
- Chemicals
- Physical contaminants
- Biological contaminants

Assessments for Compliance with Plans, Standards, and Facility Requirements Industrial Hygiene Risk Assessments for Ventilation Operation, Chemical Usage and Storage, Etc.

Environmental Assessments

- Water testing for biological contaminants including Legionella and coliforms
- Water testing for chemical contaminants and physical properties
- Airborne particulate and contaminants studies
- Site-specific environmental compliance plans
- Disaster preparedness for environmental, health and safety issues
- EPA compliance audits

