

Hazardous Materials Management

Hazardous waste and materials management present an ongoing challenge for businesses and organizations. The amount of hazardous materials generated continues to grow as technology advances and domestic manufacturing expands.

Effective management of issues related to the storage, usage, disposal, location, and removal of hazardous materials is critical for the safety and wellbeing of your employees and the protection of your facility, property, reputation, and bottom line.

The experienced scientists and engineers at **Alliance Environmental Group (AEG)**, an F.W. Webb company, can be of service. AEG has conducted hundreds of Hazardous Materials Screening Surveys to determine the presence and extent of hazardous materials in structures and undeveloped properties for clients throughout the Northeast.

More specifically, AEG's inspection services are designed to delineate possible environmental hazards associated with structures or properties subject to sale or purchase, as well as identify remediation steps prior to and post structural demolition.

When solving your unique hazardous materials issue, we work thoroughly and efficiently with your deadlines and budget in mind.

Haz-Mat Services:

Alliance Environmental Group (AEG) is your one-stop resource for testing and assessment of key hazardous materials at your site.

Following all EPA and local regulatory standards and guidelines, AEG can assess and test for these dangerous industrial contaminants:

- Asbestos
- Lead
- PCBs
- Mercury
- Chlorofluorocarbon

See next page for more details →



Alliance Environmental Group provides a wide range of environmental testing, remediation, and consultative services. Engineering and scientific experts from Alliance work closely with federal, municipal, institutional, industrial, and commercial customers. Our comprehensive list of professional services covers all your environmental needs, including site assessments; hazardous materials management; regulatory compliance, permitting, and auditing; and much more. Helping clients since 2001, Alliance Environmental Group joined the F.W. Webb Company in 2016. We are committed to addressing your needs cost-effectively and efficiently.

Dedicated to Responsive and Resourceful Solutions

100 Jefferson Boulevard, Suite 220
Warwick, RI 02888
Tel: 401-732-7600 x 302
Fax: 401-732-7670

160 Middlesex Turnpike
Bedford, MA 01730
781-761-7411

AllianceEnvironmentalGroup.com

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Hazardous Materials Management

Inspection and Testing Services

Asbestos

- Non-destructive visual inspection (due-diligence survey)
- Semi-destructive inspection (pre-demo survey)
- Quantification and location of regulated asbestos
- Quantification and location of suspect regulated Asbestos Containing Materials (ACM)
- Polarized Light Microscopy (PLM) analysis by licensed and accredited lab
- Materials tested:
 - Thermal systems insulation
 - Surfacing
 - Miscellaneous
- Performed in accordance to state and EPA requirements

Non-friable ACM

- Transmission Electron Microscopy (TEM) analyses
- Non-friable Organically Bound Transmission Electron Microscopy (NOB-TEM) analyses
- Non-friable Organically Bound Transmission Electron Microscopy Polarized Light Microscopy (NOB-PLM) analyses
- Materials tested:
 - Vinyl floor tile
 - Vinyl coving
 - Mastics
 - Roofing shingles



Friable ACM

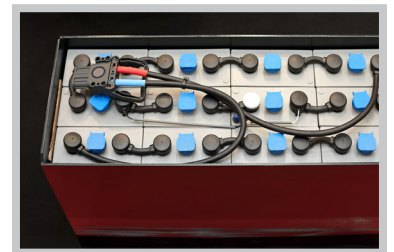
- Point Count Method analysis
- Materials tested: bulk samples determined to have less than 10% asbestos by PLM

Lead-Based Paint Sampling

- X-Ray Fluorescent (XRF) lead screening
- Data to maintain compliance with OSHA 29 CFR 1926.62, Lead Exposure in Construction Standard

Other Hazardous Materials Surveyed

- Presence of polychlorinated biphenyls (PCBs)
- Presence of mercury
- Presence of chlorofluorocarbon-based and other refrigerants
- Materials assessed:
 - Light ballasts
 - Building materials
 - Transformer oil
 - Fluorescent bulbs
 - Thermostatic controls and switches
 - Batteries



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