

Zachary Boyd | Environmental Advisor, WRT, ASD, AMRT

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Professional Summary:

Zachary Boyd has project experience in the assessment of indoor and outdoor air quality, fire damage, water and mold damage, asbestos, industrial hygiene, and safety. Mr. Boyd's involvement in these projects includes project management, performing initial damage assessments and post-remediation inspections, collecting samples, contractor oversight, project monitoring and documentation, development of remediation protocols, and report preparation. Mr. Boyd has been involved in multiple catastrophe and emergency response projects related to: Hurricanes Florence, Michael, Laura, Delta, Zeta, and Winter Storms Uri and Viola.

Area of Expertise:

- Water and Mold Damage Assessments
- Asbestos Building Inspections
- Water Damage Assessments
- Fire and Smoke Damage Assessments

Licenses and Certifications:

North Carolina Asbestos Inspector, License #13233

South Carolina Asbestos Inspector, License #BI-001912

Tennessee Asbestos Inspector, License #A-I-157424-91372

Michigan Asbestos Inspector, License #A57531

Certified Level 1 Infrared Thermographer, ID #217359

IICRC Water Damage Restoration Technician, License #8856008

IICRC Applied Structural Drying, License #8856008

IICRC Applied Microbial Remediation Technician, License #8856008

Project Experience:

Garden City Hospital, MI

Performed moisture mapping, damage assessments, asbestos sampling, contractor oversight, and post-remediation verification (PRV) assessments to main hospital after major CAT event.

Dallas Independent School District, Dallas, Texas.

Conducted inspections to assess water and mold damages in 124 schools impacted by Winter Storms Uri and Viola. Assessed damages and provided restoration protocols for contractor to follow to prepare the schools ready for re-occupancy.

Lake Charles, Louisiana.

Performed moisture mapping, damage assessments, asbestos sampling, contractor oversight, and post-remediation verification (PRV) assessments for several properties, including the main hospital and all hospital owned properties following Hurricanes Laura, Delta, and Zeta. Worked with hospital staff to confirm that all construction and restoration activities were being performed in accordance with Infection Control Risk Assessment (ICRA) standards.

Fort Polk Military Base, Fort Polk, Louisiana.

Performed moisture mapping, damage assessments, and contractor oversight for several hundred homes impacted by Hurricanes Laura, Delta, and Zeta at the Fort Polk Military Base.

Medical/Surgical Supplies Damage Assessment, Various locations.

Assessed medical/surgical supplies in hospitals for impact following power outages, catastrophes, and/or water intrusion events. Worked with hospital staff to gather ambient environmental conditions, performed visual assessments of package integrity, and collected representative samples

from supplies to determine potential impact. Utilized the Association of peri-Operative Registered Nurses (AORN) guidelines for determining impact to supplies.

Vernon Parish School Board, Leesville, LA

Wind-driven rain associated with Hurricane Laura caused extensive water damage to the schools across Vernon Parish. Mr. Zachary Boyd assessed impacted materials in numerous school buildings, as well as provided remediation protocols with recommendations for appropriate corrective remediation measures. Post-remediation verification assessment of impacted areas was conducted to validate the effectiveness of the remedial procedures.

Smoke Damage Assessments, North Carolina.

Conducted numerous smoke damage assessments of a commercial and private properties to determine potential smoke impact from fires. Data collection including air monitoring and collecting tape lift and bulk samples to assess damage and determine proper remediation protocols.

Kershaw County School District, Kershaw, South Carolina.

Performed asbestos surveys in schools impacted by heavy tornado damages. Reviewed the school's asbestos management plans to determine locations of asbestos-containing materials and potential hazards for personnel entering buildings.

Professional Experience:

J.S. Held, Industrial Hygienist/Environmental Scientist II, 2019-2021

J.S. Held, Building Consultant, 2019-2021

Specialized Education:

Applied Microbial Remediation Technician, IICRC, 2021

Applied Structural Drying, IICRC, 2019

Water Restoration Technician, IICRC, 2019

Education:

Bachelor of Science, Public Health, University of North Carolina at Wilmington, Wilmington, NC, 2018