

MICHAEL ROTHENBURG, PE, CIH, FLAC, WELL AP

ENVIRONMENTAL DEPARTMENT MANAGER

PROFILE



ABOUT

Michael has 40 years of experience in the environmental and civil engineering professions. His background in construction has proven invaluable in solving indoor air quality issues and designing remedial projects.

CERTIFICATIONS

Professional Engineer, FL
Certified Industrial Hygienist
Florida Licensed Asbestos Consultant
WELL AP
Florida Registered General Contractor – Inactive

PROFESSIONAL EXPERIENCE

Environmental Department Manager • Intertek-PSI • 2011 – Present

Provides leadership to industrial hygiene group. Consults with clients regarding occupational exposures as well as ecotoxicological risk management issues, extending the understanding of risk and exposures to the natural environment. With regards to human health risks, he has conducted airborne exposure monitoring for numerous agents including various organic compounds, mineral acids, ammonia, silica, asbestos, lead, radionuclides, ammonia, oxygen deficient atmospheres, mold, and other constituents. Provides direction and guidance to several projects looking to obtain WELL AP certification as well as evaluating ambient conditions associated with obtaining the WELL District designation.

PROJECT EXPERIENCE

State and Local Government Projects

- Project Manager for an Evaluation of Ambient Air conditions in Downtown Tampa. Work included remote monitoring of ambient air quality over a 30+ day period to determine if ambient air conditions were conducive to future certification through the International Well Building Institute’s (IWBI) WELL District certification program.
- Senior principal in providing comments on proposed IWBI draft standards for the Air and Water Feature associated with a proposed District standard.
- Conducted pre-certification sampling for constituents associated with the Air and Water Features associated with renovation of an existing office building scheduled for future WELL certification.
- Project Manager for a 5000-acre Environmental Assessment using protocols developed by the U.S. Army Corps of Engineers and South Florida Water Management District.
- Provided environmental construction administration and oversight on a \$175 million Reservoir construction project as part of the Everglades Restoration program.
- Project Manager for Assessment of abandoned landfill site for Public Housing Authority.
- Sr. QA/QC review of 200+ FDOT Site Asbestos assessment/demolition.



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EDUCATION

MBA, Finance • 1983
Florida Southern College

Bachelor of Science,
Environmental Engineering
1979 • University of Florida

- Conducted numerous Indoor Air Quality investigations serving in the field, as Project Manager and Client Manager.
- Directed assessment and remediation as well as exposure monitoring of potential dioxin contaminated sludge from abandoned treatment vaults from coal tar.
- Project Manager for AHERA asbestos program (various schools).
- Conducted long-term indoor air quality reviews for a historic courthouse including assessment of building envelope operations.
- Provided indoor air quality investigations at area hospitals to determine optimum operating theatre protocols.
- Designed wastewater tertiary treatment systems utilizing hyacinths and aquatic weed harvesting techniques for P/N removal.

Representative Federal Project Experience

- Project Director for long-term asbestos management at Key West Naval Air Station.
- Large Scale Tank Removal/Replacement Operations MacDill AFB.
- Gun Range/Building Lead Decontamination program for numerous National Guard Armories.
- IAQ Investigations FAA Tower Facilities.

Representative Private Client Project Experience

- Conducted and/or directed hundreds of renovation and demolition asbestos surveys for private clients since 1989 as a principal Florida licensed asbestos consultant.
- Conducted Ambient Air Sampling and Assessment to evaluate specific site conditions to predict future indoor air quality for upcoming redevelopment projects.
- Manager for Environmental Remediation of arsenic contaminated surficial soils (8k tons) from Marina Operation in Tampa Bay.
- Development of Mold Remedial and Testing Program – Project Manager for several hundred sites for large insurance company.
- Conducted site assessments required for the development of modifications to potable water treatment systems due to the presence of *Legionella* bacteria.
- Undertaken numerous mold assessments and design of remedial projects.
- Conducted moisture assessments of building materials to identify source and remedial options for mold contamination present.
- Conducted PCB decontamination project oversight for national machining corporation throughout the southeastern U.S.



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