

PROFESSIONAL RESUME

NAME: William F. Garvin, CIH, QEP

TITLE: **President/g3 Environmental & Industrial Hygiene, LLC**
4009 Fairchase Lane; Birmingham, AL 352244
Partner/Direct Consulting Industrial Hygiene, LLC
70 Cherokee Lane; Pell City, AL 35242

EDUCATION: M.B.A. – Industrial Administration; Purdue University
M.S. - Hydrology; Oregon State University
B.S. - Watershed Management; University of Georgia

SPECIALIZED TRAINING: OSHA 40-Hour Health and Safety Training
OSHA Approved Trainer for 10 & 30 Hour General Industry Health and Safety Courses
Indoor and Personal Air Sampling
Certified Industrial Hygienist

CIVIC WORK: Vice Chairman; Homewood Parks and Recreation Board (2003-06)
Director – Homewood Youth Wrestling (1994-2005)

HOBBIES: Golf, Backpacking, Hiking

Present Employment:

President/g3 Environmental & Industrial Hygiene – Hoover, Alabama August 31, 2006 to Present
Partner/Direct Consulting Industrial Hygiene – Pell City, Alabama August 26, 2011 to Present

Responsibilities include marketing, quality control, administration, and technical work.

I am a Certified Industrial Hygienist (CIH) and a Qualified Environmental Professional (QEP). I have more than 30 years of experience in Environmental Impact Statements, Phase I, II, and III Environmental Site Assessments, RCRA and OSHA Compliance Audits, Underground Storage Tank Investigations, Groundwater Remediation Projects, and Endangered Species Surveys. I have been involved in over 200 Environmental Impact Statements. I have designed stream rehabilitation and erosion control projects, and mitigated the environmental impacts of mining. I have conducted air monitoring in industrial settings to ensure air quality standards are being met. I have conducted training in emergency response, health and safety, and spill control and countermeasures. I have extensive experience and training in indoor air contamination, and have developed training materials for real estate professionals, insurance investigators, and attorneys.

PROFESSIONAL RESUME: William F. Garvin (Continued)

SELECTED PROFESSIONAL EXPERIENCE:

CERTIFIED INDUSTRIAL HYGIENIST AND FIELD PROJECT MANAGER:

Conducted pre-demolition surveys of ten buildings at Fort Campbell, Kentucky. The surveys included all hazardous materials that could impact health and the environment.

CERTIFIED INDUSTRIAL HYGIENIST AND FIELD PROJECT MANAGER:

Conducted pre-demolition surveys of twelve buildings at Fort Sill, Oklahoma. The surveys included all hazardous materials that could impact health and the environment.

CERTIFIED INDUSTRIAL HYGIENIST AND FIELD PROJECT MANAGER:

Designed and managed all aspects of a Phase II sampling program of a 100 year-old hotel in New Mexico for the US Army Corps of Engineers. Project work included preparation of a Sampling Plan, Health and Safety Plan, Accident Prevention Plan, Project Work Plan, and a Quality Control Plan. Project work included groundwater, subsurface soil, surface soil, asbestos, lead-paint, drinking water, and radon sampling, as well as a mold inspection.

CERTIFIED INDUSTRIAL HYGIENIST: Designed sampling programs, then conducted baseline, periodic, and clearance sampling during two asbestos abatement projects at Fort Rucker, Alabama. Also ensured that the Health and Safety Plan was being followed by the asbestos workers.

BUILDING SCIENCE/IAQ SPECIALIST: Investigated indoor air quality (IAQ) concerns in barracks at Fort Rucker, Alabama. The barracks were in the process of being renovated. I designed the exterior wall system that would be built, suggested changes in the supply and return duct flow patterns to increase ventilation, and recommended further remediation of bioaerosol contamination.

CERTIFIED INDUSTRIAL HYGIENIST: Designed and conducted air monitoring survey to determine impact of welding fumes and cutting residue on employees in Georgia industry.

During this project, I designed the monitoring program to reflect concentrations of welding fumes and metals in the welding area as compared to the remainder of the shop. I also included baseline air quality measurements during a period of no welding or cutting activities.

CERTIFIED INDUSTRIAL HYGIENIST: As a subcontractor to and along with another CIH, conducted a comprehensive exposure assessment for Kennametal Tricon Metals & Services, Inc.

CERTIFIED INDUSTRIAL HYGIENIST: Investigated indoor air quality for sulfur compounds associated with Chinese drywall for an apartment complex in Tuscaloosa, Alabama. Monitored mainly for H₂S using EPA TO-15.

PROFESSIONAL RESUME: William F. Garvin (Continued)

SELECTED PROFESSIONAL EXPERIENCE (Continued):

PROJECT MANAGER: Compliance Audits for Transportation/Trucking Company With Offices in Six States and Bottling Company with Offices in Five States. Conducted audits to ensure compliance with state and Federal environmental, safety and health regulations.

PROJECT MANAGER: Emergency Response Plans (ERPs). Prepared specific ERPs for clients. ERPs included pre-emergency planning, coordination with outside parties, personal protective equipment requirements, and emergency response equipment needs. ERP follow-up included training in First Responder Awareness and Operations, as well as Hazardous Materials Technician training.

EXPERT WITNESS: Investigated indoor air quality (IAQ), principally Chinese drywall, in several cases in Alabama. I helped the attorneys, as requested, with case development.

EXPERT WITNESS: Investigated indoor air quality (IAQ), principally mold, in several cases in Alabama. I helped the attorneys, as requested, with case development. As an expert witness, I have been deposed several times, and have been an expert witness in court twice.

EXPERT WITNESS: Investigated groundwater contamination from underground storage tanks for plaintiff's attorneys. Discovered that the groundwater had been contaminated from the leakage.

EXPERT WITNESS: Investigated soil contamination in residential areas originating from industrial pollutants in Alabama. This is an ongoing investigation.

PROJECT MANAGER: Mold and Mold-Related Contamination Plans and Surveys for Attorneys, Insurers, Homeowners, and Commercial Interests. Prepared specifications for remediation, conducted baseline, interim and post-remediation sampling, and prepared interim and final reports.

PROJECT MANAGER: Spill Prevention, Control, and Countermeasures (SPCC) Plans for Industries. Prepared specific SPCC plans for clients. Ensured proper spill equipment was on site and employees were trained to respond to spills according to the client's needs.

PROJECT MANAGER: Development and Management Of Phase I, II, And III Environmental Site Assessments. Conducted large number of Phase I and II Environmental Site Assessments for buyers, sellers, and lenders. As required for remediation, conducted several Phase III Environmental Site Assessments to meet client's goals for remediation.

PROFESSIONAL RESUME: William F. Garvin (Continued)

SELECTED PROFESSIONAL EXPERIENCE (Continued):

PROJECT MANAGER AND DEVELOPER: Designed and Developed Optimization Program for Specific Resource Management for Large Corporate Client. Designed, developed, and implemented a linear program for optimum management of a specific resource. The goal of the program was to minimize costs under the constraints of spending no more than \$100,000.00 annually and concurrently meeting all state and federal regulatory requirements.

PROJECT MANAGER: Soil/Groundwater Contamination Remediation, Georgia. Planned, researched, and conducted extent of contamination investigation of soil and groundwater and remediation of soil and groundwater. The project included installation of scavenger and groundwater pump systems, air stripper, and activated carbon treatment system.

PROJECT MANAGER: Development of a Major Environmental Impact Statement (U.S. Hwy. 280) for a \$325 Million Project in Alabama. Project responsibilities included the complete design of all phases of the project. Coordinated and/or conducted various required studies including environmental, economic, and social analyses. Wrote the statement after conducting studies and analyzing data.

PROJECT MANAGER: Underground Storage Tank Removal, Site Closure, and Remediation Design and Activities; Large Corporate Clients in 12 states. Project responsibilities included coordination with states, contractors, geotechnical firms; design of preliminary and secondary site assessments, initial response and remediation design and implementation, and ensuring that each facility was in respective state Trust Funds. Planned and conducted monitoring well installations and groundwater monitoring.

PROJECT MANAGER: Site Characterization and Corrective Action of Soil/Groundwater Contamination, Georgia. Planned and conducted site characterization, extent of contamination of soil and groundwater, and remediation. Planned all boring and monitoring well installations and conducted groundwater monitoring.

PROJECT MANAGER: Managed, Conducted Data Retrieval, Analyzed and Wrote Environmental Impact Statements for the Federal Government in the Pacific Northwest. Also Reviewed Environmental Impact Statements. Statements concerned timber harvesting, mining and road building.