



**President and Principal Hydrogeologist**  
[gglanders@augustmack.com](mailto:gglanders@augustmack.com)

Geoffrey is the President and Principal Hydrogeologist for August Mack Environmental, Inc. Stationed in the Indiana office, he specializes in the evaluation, regulatory negotiation, and implementation of practical, alternative strategies to address environmental remediation and compliance issues. He has more than 30 years of experience regarding subsurface investigation and remediation, emission estimation, point and fugitive source permitting, air pollution control technologies as well as regulatory negotiation for such industries as utilities, primary metals, chemical, printing, glass, foundry, paper

and automotive. He has an active working knowledge of RCRA, CERCLA, and the Clean Air Act as well as innovative technologies for site remediation.

**Project Experience:**

- Assessed more than 1,000 sites undergoing acquisition, divestiture or refinancing including contaminated areas, wetlands, polychlorinated biphenyl (PCBs), lead-based paint, underground storage tanks (USTs), hazardous waste areas, radon, archeological/historical sites, wastewater discharges, air emissions and cultural resources.
- Investigated hundreds of sites to determine the nature and extent of contamination. Contaminated media included soil, groundwater, vegetation, air and building materials. Contaminants of concern included petroleum, solvents, acids, caustics, heavy metals, cyanides, PCBs, sulfides, salts, asbestos, polycyclic aromatic hydrocarbons (PAHs), coal tar, pesticides, and herbicides. Established risk-based clean up levels for numerous organic and inorganic contaminants.
- Designed and implemented remedial investigations for petroleum and solvent contamination associated with leakage of USTs. Prepared corrective action plans for state agency approval; supervised removal activities; developed risk-based cleanup levels for soil and groundwater contamination; and, designed remediation activities involving soil vapor extraction and groundwater remediation.

**Education & Certifications:**

- Bachelor of Science, Indiana University, Geology
- 40-Hour Hazardous Waste Site Operations (HAZWOPER) Training, OSHA and current 8-Hour Hazardous Waste Site Operations (HAZWOPER) Refresher Training, OSHA
- Licensed Professional Geologist- IN

**Expertise:**

- Industrial/Brownfield Site Redevelopment
- Resource Conservation and Recovery Act (RCRA) Permitting, Closure and Corrective Action
- Regulatory Negotiations
- Risk-based Clean-up Level Establishment and Assessments
- Delineation/Remediation of Contaminated Soil and Groundwater
- Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Investigations, Feasibility Studies and Remediation
- Strategic Compliance Planning
- Expert Witness Testimony

**Professional Experience:**

**August Mack Environmental, Inc.**  
*President, Principal Hydrogeologist*  
1988-Present

**ATEC Associates, Inc.**  
*Manager, Environmental Services Division*  
1985-1988

**Geraghty & Miller, Inc.**  
*Hydrogeologist*  
1984-1985

**URS Engineering, Inc.**  
*Staff Specialist*  
1982-1984