

Chuck Campbell - Principal/Senior Engineer

Summary

Mr. Campbell is a Principal and Senior Engineer with GBM^c & Associates, Inc. He has over 22 years experience in environmental engineering as a consultant, corporate environmental manager, operations manager and state regulator. He has performed environmental planning, cost analysis, design and contract management for numerous industrial facilities. Mr. Campbell has diverse experience in dealing with facility environmental issues including NPDES, wastewater treatment, Air (Title V and Minor Source), hazardous waste, solid waste, underground injection, and site remediation.

Education

1983 BS Petroleum Engineering, Louisiana Tech University

Experience

Environmental Management

Mr. Campbell directed environmental compliance activities programs for specialty chemical and poultry processing companies with multiple production, transportation, and distribution facilities in the U.S. and its territories. His responsibilities included daily supervision and guidance for wastewater treatment operations; monitoring emerging legislation and interacting with trade groups to provide input to the rulemaking process; strategic planning and cost forecasting for environmental matters; and, cost reduction by optimizing facility operation and pollution prevention. Mr. Campbell was responsible for the preparation of NPDES, Title V, SIP and RCRA permit applications and directed toxicity reduction/identification efforts for NPDES permitted facilities. He developed internal auditing policies/procedures and conducted multimedia audits as both auditor and audit team leader, as well as pre-acquisition and asset transfer site assessments. He created UST management programs to ensure compliance with EPA-mandated deadlines for monitoring, upgrade, and/or closure. Mr. Campbell prepared EPCRA, SARA Title III, UIC, Emissions Inventories, and Hazardous Waste reports.

Project Engineering

Mr. Campbell has worked as a project manager on numerous projects including wastewater treatment capital projects totaling over \$8 million and two facility closure/habitat restoration projects encompassing 185 acres of impoundments. He conducted engineering analyses of existing waste treatment systems at two specialty chemical manufacturing facilities and one fertilizer manufacturing operation, and prepared conceptual designs for upgrade of those facilities to enable more efficient treatment and ensure compliance with discharge limits. He directed a pollution prevention/waste minimization study at a specialty chemical manufacturing facility. He studied storm water runoff at a large manufacturing unit and engineered systems to manage runoff in compliance with anticipated limits. He prepared the preliminary engineering design and cost analysis for a multi-user effluent pipeline. He directed hydrological studies to characterize watershed flows. He has provided technical and planning support using Low Impact Development techniques to protect ecologically sensitive watersheds. He developed over 50 Best Management Practices for Spill Prevention, Control, and Countermeasure Plans and numerous Storm Water Pollution Prevention Plans, as well as Beneficial Reuse Land Application Management Plans. He was project manager and developer of Spent Pulping Liquor Best Management Practice (BMP) Plans and Startup/Shutdown/Malfunction (SSM) Plans for bleached and non-bleached Kraft pulp mills. He has conducted root cause/corrective action investigations for physical, biological, and chemical wastewater treatment systems. He was a coordinator of a \$35 million remediation project. Mr. Campbell planned and implemented a shallow aquifer contamination investigation, oversaw numerous UST closures, and prepared closure site assessments.

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Regulatory Experience

As the engineering supervisor, Mr. Campbell managed environmental regulatory activities of the Field Services Division, El Dorado Office of the Arkansas Department of Environmental Quality (ADEQ). His principal focus was the review of waste disposal facility permit applications, and inspection of facilities for compliance with issued permits. He developed construction standards for Class II UIC facilities which streamlined the permitting process and improved operator compliance. Mr. Campbell guided enforcement actions and collection of data in support of those actions, as well as coordinating emergency response actions and complaint investigations. He was the ADEQ representative to multi-agency efforts to resolve environmental non-compliance on Federal and State wetlands.

***Professional
Affiliations and
Licenses***

- Arkansas Professional Engineer No. 6857
- Florida Professional Engineer No. 53740
- Louisiana Professional Engineer No. 24117
- Mississippi Professional Engineer No. 17297
- Oklahoma Professional Engineer No. 19480
- South Carolina Professional Engineer No. 21538
- NREP Registered Environmental Manager No. 5601