



WILLIAM SHANE  
ENVIRONMENTAL ENGINEER

**CREDENTIALS**

- ◆ M.S. Environmental Engineering, University of Cincinnati
- ◆ B.S. Civil Engineering, University of Kentucky
- ◆ Registered Professional Engineer: KY #29490; AL #39305; IN #PE12200114; OH #PE.87584

**PROFESSIONAL EXPERIENCE**

- ◆ **2020-Present:** ALL4, KY – Managing Consultant
- ◆ **2013-2020:** Smith Management Group – Environmental Engineer
- ◆ **2008-2013:** Kentucky Division of Water – Environmental Engineering Assistant III

**TECHNICAL EXPERTISE**

- ✓ Prepare Clean Air Act (CAA) permit applications and Potential to Emit (PTE) emissions calculations for Title V, Synthetic Minor, Conditional Major, and Minor Sources; Prepare federal and state monitoring reports and emissions inventories
- ✓ Multimedia audits of industrial facilities and operations
- ✓ Prepare National Pollutant Discharge Elimination System (NPDES) wastewater discharge permit applications for industrial and municipal facilities; Technical and regulatory support for NPDES permit effluent limitations and monitoring requirements
- ✓ EPCRA Tier II and Form R reporting
- ✓ RCRA Hazardous Waste and Special Waste permitting and reporting
- ✓ Develop environmental compliance plans including Spill Prevention Control and Countermeasure (SPCC) Plans and Stormwater Pollution Prevention (SWPPP/SWP3) Plans
- ✓ Litigation support services
- ✓ Provide support serving as onsite facility environmental staff

**PROFESSIONAL OVERVIEW**

William Shane is a Civil and Environmental Engineer with over 14 years of Consulting and Regulatory experience. William's experience includes Clean Air Act (CAA) permitting and reporting; Clean Water Act (CWA) National Pollutant Discharge Elimination System (NPDES) wastewater discharge permitting and technical support; multimedia auditing; EPCRA Tier II and Form R reporting; RCRA Hazardous Waste and Special Waste permitting and reporting; litigation support; and development of environmental compliance plans.

Prior to his work in consulting, William spent 5 years at the Kentucky Division of Water (KDOW) as a NPDES permit writer developing permits for municipal wastewater treatment plants, industrial facilities, and sanitary discharges. While at KDOW, William performed state-wide inspections and audits of municipal pretreatment programs.

William is a licensed Professional Engineer (PE) in Kentucky, Alabama, Indiana, and Ohio.