



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*

PROFESSIONAL EXPERIENCE

- ◆ **2020-Present:** *ALL4, KY – Consulting Engineer*
- ◆ **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 13 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 and Alabama.