



WILLIAM SHANE ENVIRONMENTAL ENGINEER

CREREDENTIALS

- ◆ *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 air quality permit applications and Potential to Emit (PTE) Calculations*
- ✓ *Conduct review of regulatory requirements for facilities subject to air quality regulations*
- ✓ *Prepare air quality compliance reports and notifications including Annual & Semi-Annual Reports, missions Inventory Surveys, and regulatory notifications*
- ✓ *Perform multimedia environmental audits of industrial facilities*
- ✓ *Prepare wastewater discharge applications for facilities subject to NPDES & industrial user permitting requirements*
- ✓ *Conduct regulatory review and technical analysis of NPDES permit conditions and limitations*
- ✓ *Prepare EPCRA Tier II and Form R reports*
- ✓ *Prepare solid waste applications and annual reports*
- ✓ *Prepare environmental plans including Spill Prevention Control & Countermeasure (SPCC) Plans with PE Certification, Stormwater Pollution Prevention Plans (SWPPP), and Groundwater Protection Plans (GPP)*

PROFESSIONAL OVERVIEW

William Shane is a Civil and Environmental Engineer with over 12 years of Consulting and Regulatory experience. William works with clients to develop solutions and strategies to achieve regulatory compliance with stormwater, wastewater, air quality, and waste management issues, including permitting and reporting requirements, multimedia auditing, and development of environmental plans.

William previously worked at the Kentucky Division of Water (KDOW) in the National Pollutant Discharge Elimination System (NPDES) Wastewater Permitting Program and focused on permitting of industrial, municipal, non-coal and coal mining, and sanitary facilities. His work with municipal NPDES permitting includes major and minor facilities and facilities with Pretreatment Programs. As part of this expertise, William achieved Voluntary Pretreatment Level I Certification through the Kentucky-Tennessee Water Environment Association.