



STEWART W. MCCOLLAM, PE TECHNICAL MANAGER

CREDENTIALS

- ♦ Registered Professional Engineer (KY, SC)
- ♦ M.E., Chemical Engineering, University of Louisville
- ♦ Graduate Environmental Engineering Certificate, University of Louisville
- ♦ B.S., Chemical Engineering, University of Louisville

PROFESSIONAL EXPERIENCE

- ♦ **2020-Present:** ALL4 LLC, Louisville, KY – Technical Manager
 - ♦ **2014-2020:** Smith Management Group, Louisville, KY – Environmental Engineer
 - ♦ **2009-2014:** Louisville Metro Air Pollution Control District, Louisville, KY – Permit Engineer
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TECHNICAL EXPERTISE

- ✓ New and modified source air permitting for local, state, & Federal permitting programs;
 - ✓ Minor, conditional major, synthetic minor, major and Title V source permitting experience;
 - ✓ Environmental litigation support;
 - ✓ Environmental program management;
 - ✓ Preparation of annual compliance certifications & emissions statements;
 - ✓ Routine compliance/permit reporting;
 - ✓ GHG emissions inventories, and reporting;
 - ✓ EPCRA §312 Tier II and TRI Form R reporting;
 - ✓ Compliance auditing;
 - ✓ Lifetime inhalation risk assessment evaluations;
 - ✓ Case-by-case control technology economic and technical feasibility review;
 - ✓ Air dispersion modeling studies to support air toxics, NSR, NNSR, PSD, SIP, and other air quality regulatory permitting programs using AERMOD, AERSCREEN & ISCST3 models;
 - ✓ Prepare and review applicability determinations under federal and state air quality regulations including NSR, NNSR, PSD, MACT, NSPS, NESHAP & SIP; and
 - ✓ Compliance plan development and implementation for Major Sources subject to CAM, MACT, NESHAP, NSPS & RACT.
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PROFESSIONAL OVERVIEW

Mr. Stewart McCollam is a chemical engineer with over 12 years of experience in all aspects of air quality regulation with a focus on preconstruction permitting, dispersion modeling and compliance management. Mr. McCollam has assisted clients with complex air permitting and strategic compliance solutions in a multitude of industries including: distilled spirits and beverage alcohol production; finished hardwood product manufacturing; grain and riverport terminal operations; food and beverage manufacturing; portland cement manufacturing; power generation; surface coating; commercial printing (lithographic, flexographic, & rotogravure); chemical manufacturing; synthetic rubber manufacturing; flat glass manufacturing; and municipal solid waste landfills.

Mr. McCollam has assisted clients with annual compliance certifications; annual emissions statements; compliance assurance monitoring (CAM) plans; greenhouse gas (GHG) emissions inventory/reporting; operation and maintenance (O&M) plans; semiannual monitoring reports; and source-specific State Implementation Plan (SIP) limits. His environmental reporting and/or permitting experience includes work in Alabama, California, Florida, Indiana, Illinois, Kentucky, North Carolina, Ohio, South Carolina, Tennessee, Texas, Vermont, and Wyoming.

Using the U.S. EPA AERMOD air dispersion model, Mr. McCollam has directed and conducted air quality modeling studies for preconstruction ambient air standard compliance demonstrations; National Ambient Air Quality Standards (NAAQS) compliance demonstrations (single and multi-source); permitting actions subject to U.S. EPA review under the New Source Review (NSR) permitting program; significant impact level (SIL) determinations; and human health risk-based compliance demonstrations required by state and local air toxics regulations.

Since 2018, Mr. McCollam has successfully managed greenfield preconstruction air permitting for projects exceeding 450 million dollars in capital expenditure including sources subject to dispersion modeling of toxic air contaminants.