



CREDENTIALS

- ◆ *B.S., Chemistry, Pennsylvania State University, 2010*

PROFESSIONAL EXPERIENCE

- ◆ **2017 – Present:** *ALL4, Kimberton, PA – Consulting Scientist*
- ◆ **2015 – 2017:** *ALL4, Kimberton, PA – Project Scientist*
- ◆ **2014 – 2015:** *ALL4, Kimberton, PA – Staff Scientist*
- ◆ **2012 – 2014:** *Texas Commission on Environmental Quality, Corpus Christi, TX – Emissions Evaluator*
- ◆ **2010 – 2012:** *Environmental Standards, Inc., Valley Forge, PA – Quality Assurance Chemist*

TECHNICAL EXPERTISE

- ✓ *Continuous monitoring systems (CMS);*
- ✓ *CMS Quality Assurance Plan (QAP), Site-Specific Monitoring Plan (SSMP), and MACT CC Continuous Parameter Monitoring System (CPMS) Monitoring Plan development;*
- ✓ *Data Acquisition and Handling Systems (DAHS) implementation and verification;*
- ✓ *Review and reconciliation of CMS data;*
- ✓ *Quarterly and semi-annual CMS reporting;*
- ✓ *State and Federal air permit programs including Title V and construction permit applications;*
- ✓ *Air emissions performance testing;*
- ✓ *State annual emission reporting;*
- ✓ *Emissions inventory and tracking;*
- ✓ *Toxic Release Inventory (TRI) reporting.*

PROFESSIONAL OVERVIEW

Ms. Megan Stroup is a Consulting Scientist at ALL4 and has experience in several air quality permitting and compliance areas. She is largely involved in the Continuous Monitoring Systems (CMS) work at ALL4 and is a member of ALL4's CMS Focus Area. Her CMS experience includes data evaluation, reconciliation, and periodic reporting; initial CMS certification and ongoing quality assurance; development and review of quality assurance plans (QAPs) and site-specific monitoring plans (SSMPs); audits of data acquisition and handling system (DAHS); DAHS implementation support; and internal and external CMS training. Ms. Stroup also has extensive experience with CMS work in Pennsylvania and has assisted clients with all phases of CMS certification and reporting through the Pennsylvania Department of Environmental Protection (PADEP) Continuous Emission Monitoring Data Processing System (CEMDPS) including monitoring plans, certification test protocols, certification test results, sample reports, indicator reports, retroactive reporting, and quarterly reporting. She also assists in development of ALL4's EDR-E tool, which evaluates data submittal files to assess potential emission exceedance and data availability penalties in accordance with PADEP compliance assurance policies.

Ms. Stroup has assisted with Title V Renewal Applications; construction permit applications; Plantwide Applicability Limit (PAL) applications; emissions inventory and tracking development; emission test observation, management, and report review; CMS and emission test auditing; annual emission reporting; and Toxic Release Inventories (TRI).

Ms. Stroup has participated on numerous project teams, dealing with industries including pulp and paper mills, petroleum refining, power generation, cement manufacturing, lime manufacturing, polyvinyl chloride (PVC) production, glass manufacturing, data centers, and the pharmaceutical industry, among others.