



CREDENTIALS

- ◆ *B.S. Mechanical Engineer, The Pennsylvania State University, 2017*
- ◆ *Method 9 Visible Emissions Evaluator, Eastern Technical Associates, Inc.*
- ◆ *Certified SolidWorks Professional (CSWP)*

PROFESSIONAL EXPERIENCE

- ◆ **September 2017-August 2018:** *Project Management Internship in storm water management.*
- ◆ **August 2018 – May 2022:** *Permitting, Compliance, and Enforcement Engineer III at Delaware’s Department of Natural Resources and Environmental Control (DNREC), Division of Air Quality (DAQ)*

TECHNICAL EXPERTISE

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| ✓ <i>State and Federal air permitting programs (NSPS, NSR, MACT, RACT, LDAR, NESHAP, Title V, MON, State Minor Permitting)</i> | ✓ <i>Fugitive Dust Emissions</i> |
| ✓ <i>Facility Compliance Assessments</i> | ✓ <i>Method 9 Testing</i> |
| | ✓ <i>Air Dispersion Modeling (AERMOD, SCREEN3)</i> |

PROFESSIONAL OVERVIEW

Mr. Adam Whapham is a Project Engineer with four years of experience in air quality regulatory, permitting, and compliance. Prior to joining ALL4, Adam worked with DNREC, DAQ where he oversaw the permitting and compliance needs of a variety of facilities, including powerplants, chemical manufacturing, ceramic manufacturing, and asphalt/concrete plants.

Through his work with the DNREC, Adam developed the skills to understand and interpret regulations in a manner that can be implemented in a real-world application. He has first-hand experience working with complicated federal programs such as National Emission Standards for Hazardous Air Pollution (NESHAP), New Source Performance Standards (NSPS), Maximum Available Control Technologies (MACT), Continuous Emission Monitoring (CEM), and Leak Detection and Repair (LDAR). Adam has experience writing NSR (both PSD and nonattainment review), minor state and Title V permits. The permitting projects also included performing air dispersion modeling.

In addition to the permitting responsibilities, Adam completed compliance assessments of his assigned facilities through on- and off-site compliance audits and assisted facilities in correcting deviations and violations.

Adam also specializes in fugitive dust emissions. While in Delaware, Adam led a team of engineers in investigating and identifying how facility operations contribute to excessive dust pollution in a nearby community before researching alternative dust control techniques.