



CREDENTIALS

- ◆ Bachelor of Chemical Engineering (Minor-Biochemical Engineering), University of Delaware, 2006
- ◆ Professional Engineer (Multi-State)
- ◆ Air and Waste Management Association (AWMA)

PROFESSIONAL EXPERIENCE

- ◆ **2006-Present:** All4 LLC, Kimberton, PA – Senior Managing Consultant

TECHNICAL EXPERTISE

- ✓ State and Federal air permitting programs including Title V and various construction permit applications;
- ✓ Applicability analyses including thermal efficiency calculations for interstate transport rules;
- ✓ Development of NSPS/MACT/State CEMS emissions reporting;
- ✓ Development of Fuel Sampling and Initial Performance Test plans;
- ✓ Compliance Plan Development and Implementation for Area Source Subject to a Nation Emission Standard for Hazardous Air Pollutants (NESHAP);
- ✓ Environmental Program Management;
- ✓ Multi-Media Environmental Auditing;
- ✓ Site-Specific Monitoring Plan development;
- ✓ Experience working with industrial process software PI and data acquisition systems (DAS) for CEMS;
- ✓ Development of Environmental Emergency Response, Integrated Contingency, and Spill Prevention Control and Countermeasure (SPCC) Plan;
- ✓ Ambient and Meteorological Monitoring;
- ✓ Multi-Media Regulatory Review;
- ✓ Development of Continuous Monitoring System (CMS) Compliance Approach and Compliance Auditing; and
- ✓ Toxic Release Inventory (TRI) Form R reporting.

PROFESSIONAL OVERVIEW

Mr. Nicholas Leone is a Chemical Engineer with 15 years of experience in air quality permitting and compliance. He has prepared plan approval applications, permit-to-install applications, New Source Review (NSR) and Title V permit applications, emissions inventories, annual emissions statements, and strategic air compliance approaches. Experience has been gained in a variety of industries including Pulp & Paper, Pharmaceutical, Power Generation, Oil and Gas, Petroleum Refining, Medical Waste Incineration; and Cement and mineral processing, Brick, Steel, Metal Tubing, Food Product, Fabric, and Pigment Manufacturing.

He has experience assisting clients with complex air quality permitting and developing compliance strategies. He has been responsible for overall environmental program management for various facilities, which covered air, water, and waste. His experience has led to conducting multi-media environmental auditing and compliance assessments for various types of industrial facilities, including but not limited to, cement and quarrying operations.

He has assisted clients with ongoing reporting requirements including Title V semiannual monitoring/deviation and annual compliance certifications, annual emission statement submittals, Toxic Release Inventory (TRI) Form R reporting, NESHAP reporting, and greenhouse gas (GHG) emissions reporting. He has integral experience working with facility personnel developing and implementing a Title V compliance management system at a pulp and paper mill.

He has also gained Continuous Emission Monitoring System (CEMS) experience on a variety of projects including quarterly reporting, Pennsylvania's Revision 8 implementation, QA/QC and Site-Specific Monitoring plan development, CEMS troubleshooting, managing an ambient SO₂ and meteorological monitoring station, etc.

Mr. Leone has assisted various facilities develop, review, and prepare environmental emergency response procedures. Both SPCC and integrated environmental contingency plans have been prepared in accordance with regulatory requirements. Additionally, he has completed ALL4's Environmental Training Programs AQ101 and AQ201. Mr. Leone also serves as a company-wide RegTech resource and tracks various State and Federal rule changes as printed in the registers.