

David Triplett – Senior Engineer

Summary

Mr. Triplett is a Senior Engineer with GBMC & Associates. He has over 10 years experience in environmental engineering and air permitting as a consultant and a state regulator. Mr. Triplett has diverse experience in dealing with air permitting issues, including Minor Source, Title V, PSD, Nonattainment NSR, NSPS, and NESHAP permitting and compliance. Mr. Triplett also has extensive experience with regulatory air dispersion modeling applications.

Education

1999 BS Chemical Engineering, University of Arkansas

Experience

As a Senior Engineer with GBMc & Associates, Mr. Triplett has prepared air permit applications to address construction and operating permit requirements for industrial clients in Arkansas, Texas, Mississippi, and Indiana. These permit applications have included complex permitting issues including NESHAP implementation and permitting for a major VOC source in a severe ozone nonattainment area. He has conducted air dispersion modeling studies to demonstrate compliance with the National Ambient Air Quality Standards and state air toxics requirements in both Arkansas and Texas. Mr. Triplett has prepared compliance and emission inventory reports for facilities in Arkansas, Texas, and Louisiana. He has conducted site audits to evaluate compliance with applicable air regulations and has assisted clients in negotiation with state air enforcement agencies. He has developed electronic spreadsheets and databases to assist clients in tracking compliance with applicable air permit requirements. Mr. Triplett has also prepared risk management plans for a number of clients in accordance with the requirements of Section 112(r) of the Clean Air Act.

As an Engineer Supervisor with the Arkansas Department of Environmental Quality, Mr. Triplett was responsible for managing staff engineers in the Permits Branch of the ADEQ Air Division. He reviewed proposed draft and final permits, including Minor Source, Title V, and PSD permits, to ensure that all applicable requirements were addressed and that all emission sources were included along with appropriate compliance mechanisms. He provided assistance to the ADEQ Air Enforcement Branch with technical issues relating to air enforcement cases. Mr. Triplett was also responsible for maintaining and updating the ADEQ air emission modeling protocol.

As a Permit Engineer with the ADEQ Air Permits Branch, Mr. Triplett was responsible for reviewing air permit applications and calculations, and for preparing draft and final air permits, including Minor Source, Title V, and PSD permits. He conducted all necessary air dispersion modeling in order to demonstrate compliance with the National Ambient Air Quality Standards or ADEQ air toxics standards. Mr. Triplett was additionally responsible for the development and maintenance of the ADEQ minor source general permits for rock crushing facilities and hot mix asphalt facilities.

Mr. Triplett's regulatory experience covers a broad range of source categories, including: chemical process facilities, oil refineries, pulp and paper mills, wood products facilities, asphalt roofing, surface coating, fiberglass products, printing, and others.

Professional Affiliations and Licenses

Professional Engineer, Arkansas No. 11654

American Institute of Chemical Engineers
