

## ***Services to the Electric Power Industry***

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**McVehil-Monnett Associates, Inc.** (MMA) has been providing air quality permitting, modeling and monitoring services to the electric power industry since 1984. Our service base includes permitting of new and modified sources, permit coordination and compliance assistance services.



MMA has extensive experience with fossil fuel and nuclear generation plants, as well as a number of cogeneration facilities. We have worked for a variety of electric power clientele including investor-owned utilities; independent power producers; municipal utilities, rural utilities service generation and transmission cooperatives; and other energy development companies. We have also teamed with architectural and engineering firms to assist their electric power projects. MMA provides an extensive scope of permitting services ranging from minor source permitting to complex permitting of major sources and modifications in both attainment (PSD) and non-attainment (NSR) areas. MMA develops practical, cost-effective compliance plans and negotiates flexible operating permit conditions to best ensure continued compliance with complex and changing air quality rules and regulations. We are also experienced in the development of control technology evaluations including Best Available Control Technology (BACT) analyses, Maximum Achievable Control Technology (MACT) analyses and Lowest Achievable Emission Rate (LAER) demonstrations.

MMA maintains an up-to-date library of all EPA air quality models, as well as proprietary special purpose models. MMA develops software for processing of meteorological data and model results, as required for the project needs. Our modeling staff works regularly with all current regulatory models, such as AERMOD and CALPUFF, as well as complex terrain modeling tools. MMA also has the capability to run the Weather Research and Forecasting (WRF) model to generate 3-D meteorological data fields that can be used as the base for inputs to CALPUFF and AERMOD. MMA provides a full range of ambient air quality monitoring services from baseline and compliance monitoring for criteria pollutants to sophisticated surveys for emission factor development and monitoring of exotic toxic species.

We would like the opportunity to talk to you about our services or to discuss a particular problem you may have. Please call us at (303) 790-1332.