

# AIR PERMITTING and COMPLIANCE

*GBM<sup>c</sup> & Associates provides strategic air permitting services to assist industrial clients with cost-effective compliance with state and federal regulations as required by the Clean Air Act. Specific service areas include: air emission inventories; Title V/SIP permit application development and permit negotiation; dispersion modeling; Compliance Assurance Monitoring (CAM) Plans, Risk Management Plans; and compliance program development.*

## Experience and Capabilities

- Provided air permitting services to numerous industries including power generation, organic/inorganic chemicals, aerospace, aluminum refining, electrical equipment/appliances, fertilizer, food and beverage, fuel storage, oil and gas, wood/paper products, pulp and paper, roofing and asphalt, poultry, printing, mining/mineral products, surface coating, and structural clay products.
- Conducted emissions inventory and prepared **Title V permitting** applications. Projects included development of permitting strategy, air dispersion modeling, and assistance with ambient/stack monitoring studies.
- Developed record keeping procedures to demonstrate compliance with permit specific conditions and limits. Developed environmental compliance database for tracking and reporting hourly, daily, monthly and annual usage emissions.
- Performed **air dispersion modeling** for industrial and municipal clients to determine compliance with National Ambient Air Quality Standards and state-specific air toxics standards.
- Provided consultation to facilities regarding **MACT applicability/implementation/compliance**.
- Developed **Emissions Inventory Reports** and IQs for facilities in Arkansas, Oklahoma, Louisiana, North Carolina, Texas, and Missouri.
- Conducted emissions inventories for 18 paper products facilities in 15 states; developed permit applications addressing MACT requirements.
- Assisted pulp and paper mills located in Arkansas, Mississippi, and Louisiana with **MACT** and compliance efforts.
- Managed stack testing, statistical data analysis, compliance options, and implementation issues for Various facilities subject to MACT regulation.
- Evaluated potential environmental impacts of facility changes related to **PSD requirements and permitting**.
- Developed a study plan which utilizes Continuous Emissions Monitoring data for carbon monoxide emissions to develop permit limits.
- Conducted Risk Assessments of emissions of air toxics including agency protocols, air dispersion modeling, risk characterization, and documentation of results.

# **AIR**

## ***PERMITTING and COMPLIANCE (cont.)***

- Strategic planning with industrial clients to develop air permitting approaches and compliance strategies.
- Prepared Title V applications for facilities in Arkansas, Texas, Louisiana, Mississippi, Ohio, Florida, and Nebraska.
- Prepared **BACT analysis** for facilities in Arkansas, Louisiana, Texas, and Virginia.
- Prepared numerous SIP air permit modification applications for a facility that processes high density workover and completion fluids (brines). Modeled hydrogen chloride emissions for the design of air emission control equipment/stack construction.
- Assisted industrial clients with development of monitoring programs, test data analysis, and selection/design of control equipment.
- Developed Annual Compliance Certification and Semi-annual Monitoring and Deviation Reports for Title V facilities.
- Stack test oversight/compliance support.
- Maintain and provide an EPA Method 9 Certified Opacity Reader for clients to complete agency required readings.



***GBM<sup>®</sup> Contacts***

***Lisa Reed, David Triplett, or Chuck Campbell***