

Air Quality Services



Knowledgeable experts facilitate educated decisions

Groundwater & Environmental Services, Inc. (GES) provides professional consulting, engineering, and technical field services to resolve air quality issues and Clean Air Act (CAA) regulatory requirements. As these requirements increase in number and stringency, GES' air quality experts work with clients to strategize and implement solutions using innovative and strategic approaches.

GES offers a broad base of services, including permitting at federal, state, and local levels, Prevention of Significant Deterioration (PSD), Title V, and New Source Review (NSR). We provide the knowledge and expertise needed to assist your asset management and project teams in determining the best path to obtain timely permits and approvals; prepare your staff for compliance audits; and represent your interests at agency meetings.

Air quality project experience includes:

- Air permit applications and compliance solutions
- Air quality dispersion modeling
- Construction air monitoring and sampling
- Emissions testing coordination
- Full life-cycle solutions for any project
- Odor dispersion studies
- Strategic support to trade associations and research institutions
- Vapor intrusion air monitoring and mitigation support

For more than 40 years, GES has built solid working relationships with federal, state, county, local, and other regulatory bodies throughout the country, enabling us to advocate for our clients. Our air quality team remains at the forefront of climate change and sustainability. We have incorporated green remediation, waste reduction and minimization, and sustainability principles into our operations for over 25 years, and continue to develop project-specific solutions that balance our clients' business and technical objectives with environmental, social, and governance principles.

Service Capabilities

Air monitoring and sampling
Engineering support for Criteria and Toxic Best Available Control Technology (BACT & TBACT)
Carbon accountability
Compliance auditing and management
Consequence analysis
Environmental justice impact evaluations
Expert testimony
Facility emissions inventory/annual emissions statement submittal
Greenhouse gas/toxic release inventory monitoring & reporting
Indoor air quality management
Odor mitigation
PFAS air emission assessment
Regulatory strategy
Risk management planning and off-site Section 114 responses
Source testing management
Strategic permitting
Third-party compliance review
Vapor intrusion modeling and design of mitigation systems
Vapor intrusion sampling
Visual emission evaluator (VEE) support