

# REGULATORY ASSISTANCE

## EHS Consulting for South Carolina Industry

Founded in 1974, Trinity Consultants helps organizations overcome complex, mission-critical challenges in EHS, engineering, and science through expertise in consulting, technology, training, and staffing. We support clients in geographies worldwide and across a broad range of sectors including industrial, energy, manufacturing, mining, life sciences, and commercial/institutional.

For over 45 years, Trinity has focused on providing superior consulting services in the areas of air permitting and compliance, regulatory applicability analyses, and air dispersion modeling. Trinity also provides broad multi-media and health and safety services.

Trinity established an Atlanta office in 1997 to better serve Region IV clients, and expanded into Charlotte in 1999 and Raleigh in 2005. Trinity Consultants is recognized as a leader in environmental consulting services to South Carolina industry.

Our South Carolina staff is comprised of talented environmental professionals, many whom have earned graduate and post-graduate degrees and professional certifications. A number of these staff have over 20 years of experience. This diverse and multi-disciplined group of experienced professionals enables Trinity to deliver the highest quality solutions, efficiently and cost effectively.



Trinity provides the highest EHS consulting services to a wide range of industries, including:

- ▶ Asphalt Roofing/Building Products
- ▶ Brick, Cement, Lime and Aggregates
- ▶ Chemical
- ▶ Electric Power
- ▶ Forest Products
- ▶ General Manufacturing
- ▶ Petroleum Terminals
- ▶ Surface Coating

Trinity supports our clients as they strive to address environmental requirements in a way that ensures regulatory compliance while maintaining operational flexibility and minimizing cost. Our approach combines regulatory expertise, technical proficiency, responsiveness, and creative thinking.

### South Carolina EHS Expertise

Whether constructing a new industrial facility, expanding an existing facility, or modifying operations, owners and operators may be subject to air quality permitting requirements and on-going compliance obligations. Trinity staff possess extensive knowledge of regulatory requirements and permitting procedures to effectively assist clients through the permitting process and in the preparation of compliance reports required under air quality operating permits and federal regulations.

Specifically, we provide the following services:

- ▶ New Source Review (NSR) Permitting Support
  - Permit applicability analyses
  - Prevention of Significant Deterioration (PSD) applications
  - Nonattainment NSR applications
  - Expedited permitting
  - General permit applications
- ▶ Title V Operating Permits
  - Initial applications
  - Renewal applications, permit amendments, and modifications
- ▶ Annual Emission Inventories
- ▶ South Carolina Compliance Reporting
  - Quarterly, semi-annual, and annual reporting
  - Compliance certifications
- ▶ Dispersion Modeling
  - Criteria pollutant modeling
  - Air toxics modeling
  - National Ambient Air Quality Standards (NAAQS) and PSD increment modeling
  - Class I area impacts analysis

- ▶ Compliance Auditing
- ▶ Climate Change Services
  - GHG emissions inventories
  - GHG and renewables trading markets
  - Enterprise data management systems and custom software solutions
- ▶ PSM/RMP Support
- ▶ Business Sustainability
- ▶ Training

## Agency Relationships and Industry Advocacy

With our track record, Trinity has achieved the practical experience that is critical when negotiating with South Carolina Department of Health and Environmental Control (DHEC). We maintain close contact with agency personnel who review our clients' permit applications and respond to their questions immediately. Often, we have worked with those personnel on previous projects, allowing us to resolve questions before the application is submitted. Trinity is an active member of the SC Chamber of Commerce Environmental Technical Committee.

## NSR and Title V Permitting

### NSR Permitting

New and modified air emissions sources must meet South Carolina permitting requirements. Trinity has prepared hundreds of NSR air permitting projects for regulated facilities in South Carolina. Trinity is proficient with all aspects of NSR permitting including emissions quantification, regulatory applicability analyses, control technology assessments, air dispersion modeling, and permit application preparation.

Trinity works closely with you to develop an optimal air permitting strategy. We account for all potentially applicable requirements while preparing the application quickly and with maximum operating flexibility. Even after the permit application is submitted, Trinity tracks progress of the permit application through the review process and responds to questions from permitting agencies quickly to minimize the time for permit issuance. When a permit is not required, Trinity documents non-applicability for client files.

### Title V Permitting

Trinity has completed many Title V operating permit projects in South Carolina. We assist clients in developing Title V permit applications that increase operational flexibility while streamlining monitoring, recordkeeping, and reporting requirements.

## Emissions Inventories

Trinity has extensive experience preparing state annual emissions inventories (AEIs), using the SC reporting software – SLEIS, and can assist with Toxic Release Inventories (TRIs) required by EPA. We utilize numerous resources to identify the most appropriate emission factor for each source, including information developed by U.S. EPA, industry organizations, and equipment manufacturers. Upon completion of the EI, Trinity compiles the emissions/release data and prepares required reports and supporting documentation.

## Compliance Reporting

Trinity routinely assists its South Carolina clients with periodic compliance reporting obligations such as quarterly, semi-annual, and annual report obligations and is accustomed to reviewing on-site records and related process information to assist in required documentation and assessment of compliance status. Trinity develops site-specific tools and procedures that can be used for future reporting to minimize compliance burden. In addition, Trinity can assist in implementing commercial or custom environmental management information systems (EMIS) to facilitate task tracking and report preparation.

## Air Dispersion Modeling

Trinity is recognized nationally and internationally for our expertise in dispersion modeling to support permit applications, compliance demonstrations, emergency response planning, and impact and feasibility assessments. In fact, Trinity is the developer of BREEZE®, the market-leading air dispersion modeling software used by environmental professionals worldwide, which incorporates popular modeling algorithms, as well as accidental release, fire, and explosion models.

## Compliance Auditing

As a result of our extensive permitting experience and in-depth knowledge of South Carolina and Federal environmental regulations, Trinity is ideally suited to help South Carolina industry with compliance audits. A comprehensive audit helps organizations ensure compliance with all applicable regulations and identify and resolve potential deviations in a timely manner.

## Climate Change Services

Trinity closely tracks evolving regulatory requirements related to greenhouse gas (GHG) emissions. Trinity has considerable experience preparing GHG emissions inventories, GHG management plans, GHG quality assurance procedures, and custom protocols for our clients. In addition, Trinity is working with numerous clients to evaluate the implications of current and anticipated local, regional, and federal climate change programs and to develop short- and long-term strategies to ensure compliance with applicable requirements.

## Business Sustainability

Trinity has considerable experience conducting business sustainability audits, conducting benchmarking analyses to assess corporate sustainability programs, developing sustainability goals and targets, and creating corporate sustainability reports.

## Trinity Can Help

For more information about how Trinity can help your organization, please call our Charlotte office at 704.553.7747

**ISO 9001:2015 certified at our corporate office in Dallas, Texas**

BREEZE is a registered trademark of Trinity Consultants Inc.