

REGULATORY ASSISTANCE

EHS Consulting for Oil and Gas Industry in Texas

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.

Trinity is recognized in Texas, and nationally, for our skills in conducting air quality modeling studies to support permit applications, compliance demonstrations, emergency response planning, and impact and feasibility assessments. Regulatory air quality modeling has undergone a significant transition with the implementation of new state-of-the-art air quality models and Trinity continues to provide unparalleled expertise and service.

Texas Oil and Gas Experience

With a core focus on air quality services coupled with a strong presence in Texas, West Virginia, Pennsylvania and other oil and gas producing states, Trinity has substantial experience in the natural gas sector and a keen understanding of the regulatory requirements impacting upstream and midstream oil and gas operations. Trinity's Texas offices have been supporting oil and gas clients for over 45 years. In the past five years alone, Trinity has completed nearly 4,000 projects for the oil and gas industry; including 100 EHS audits.



Trinity Consultants is an international firm with offices throughout the United States serving more than 2,500 clients in all 50 states as well as Europe, Asia and Australia. Trinity possesses an exceptional blend of air quality and environmental management skills. As a leader among consulting firms in the air quality field, Trinity understands the nuances of air related regulatory requirements and the natural gas industry.

Texas Air Quality Permitting

Whether constructing a new industrial facility, expanding an existing facility, or modifying operations, your facility may be subject to air quality permitting requirements. Effective air permitting requires extensive practical experience in all aspects of air quality analysis and regulation. Trinity has completed thousands of projects for Texas industries since 1990, many for repeat, satisfied clients. Trinity brings this expertise to each project, providing comprehensive air quality services. Trinity has also conducted modeling studies to meet the requirements of many specialized and often technically challenging scenarios, including:

Our Texas-based staff consists of more than 50 professionals with backgrounds in engineering, environmental sciences, and meteorology. Many have graduate and post-graduate degrees and professional certifications. This diverse and multi-disciplined group of experienced professionals allows Trinity to deliver the highest quality solutions, efficiently and cost-effectively.

- ▶ State (Minor) New Source Review (NSR) Regulatory Analysis and Permitting, including: Permit Alterations
 - Permits-by-Rule (PBRs)
 - Standard Permits
 - Case-by-Case Permits, Permit Amendments, Permit Renewals
- ▶ Federal NSR Regulatory Analysis and Permitting Support for:
 - Prevention of Significant Deterioration (PSD)
 - Nonattainment NSR
- ▶ Control Technology Determinations—BACT, RACT, LAER, MACT
- ▶ Title V Operating Permits
- ▶ Emissions Inventories

Regulatory Air Dispersion Modeling

Trinity is recognized nationally and internationally for our skills in conducting air dispersion modeling studies to support permit applications, compliance demonstrations, emergency response planning, and impact and feasibility assessments. Since 1990, Trinity has performed more than 750 air dispersion modeling analyses



in support of air quality projects throughout Texas using dispersion models sanctioned by EPA and other regulatory authorities, including:

- ▶ AERMOD
- ▶ ISC
- ▶ CALPUFF
- ▶ Various Accidental Release Models

Our Texas modeling experience allows us to provide state-specific insight for each project and develop the most beneficial strategies based on client needs.

Accidental Release Modeling

Trinity's technical staff has performed many types of accidental release analyses, including off-site consequence analyses required by the Section 112(r) Risk Management Program. Trinity has also performed hazards analyses to assist companies with internal planning and to support legal proceedings. These types of analyses can be technically challenging and are performed by Trinity's hazards modeling specialists, including scientists with doctoral degrees.

Spill Prevention, Control, and Countermeasure Plans

Trinity's technical staff has evaluated and compiled a variety of Spill Prevention, Control, and Countermeasure (SPCC) Plans for various oil and gas clients in Texas.

Texas Audit Experience

Trinity is known for our skills in evaluating compliance with regulatory requirements and conformance with management system processes and practices. Using extensive permitting experience and in-depth knowledge of state and federal environmental regulations, Trinity is ideally suited to conduct effective compliance audits to ensure that all applicable regulations have been properly addressed, determine compliance status, and suggest corrective action where needed. The result is a complete picture of all regulatory requirements to help you attain or maintain compliance. Trinity provides a full range of audit services from audit planning through implementation and closure of corrective action items.

Climate Change Services

Climate change, resulting from the accumulation of greenhouse gases (GHGs) in the Earth's atmosphere, has emerged as a critical issue and is likely to result in the promulgation of regulations

to limit GHG emissions. Trinity has experience developing comprehensive climate management strategies including:

- ▶ GHG Emissions Inventories
- ▶ Reporting/Mitigating GHG Emissions
- ▶ Participating in Trading Programs

Trinity Can Help

Whatever your challenge, Trinity has the experience and insights to provide intelligent solutions to optimize air quality related environmental performance for Texas industry. Our knowledge and experience in all aspects of air quality make us an excellent partner for addressing these issues.

Contact us today at 800.229.6655 to learn how Trinity can assist you with your air quality requirements.

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