

REGULATORY ASSISTANCE

EHS Consulting for Mississippi 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.

Trinity began serving Mississippi industry from the beginning and has completed over 200 projects in Mississippi and over 5,000 projects in EPA Region 4 over the past decade. In 2014, Trinity opened its Mississippi office in Jackson to better serve local clients.

Our staff members have diverse, multi-disciplined backgrounds - chemical, environmental, civil, and mechanical engineering, mathematics, meteorology, and atmospheric sciences. This diversity allows Trinity to solve problems by delivering the highest quality solutions cost-effectively.

Trinity is a recognized leader in EHS consulting services to Mississippi industry. While our core focus remains air quality issues, our depth of services includes SPCC, storm and waste water, RMP, auditing, and noise and odor analyses.



Our track-record includes high-profile air permitting and compliance projects for a wide range of industries including:

- ▶ Agriculture and Food Processing
- ▶ Automotive Industry and Building Products
- ▶ Crude Oil Pipelines and Storage and Oil and Gas
- ▶ Electrical Power Generation
- ▶ Fertilizer
- ▶ Petroleum Refining and Refined Products Terminals
- ▶ Pulp and Paper and Wood Products
- ▶ Renewable Energy
- ▶ Various Manufacturing Industries

Air Quality Permitting

Whether constructing a new facility or modifying existing operations, your facility may be subject to air quality permitting requirements. Effective air permitting requires extensive experience in all aspects of air quality analysis and regulation. Trinity leverages this experience to provide the following comprehensive air quality permitting services:

- ▶ State construction permits, including pre-permit construction approvals, de minimis NSR exclusions, minor/moderate/major modifications, and applicability determinations
- ▶ Prevention of Significant Deterioration (PSD) construction permits
- ▶ State and Federal Operating Permits, including Title V permits, renewals, 502(b)(10) changes, administrative amendments, minor permit modifications, and significant permit modifications
- ▶ Air quality analyses (i.e., dispersion modeling) and control technology analyses (e.g., BACT)

Air Dispersion Modeling

Trinity is recognized internationally and locally for our skills in conducting air dispersion modeling studies to support permit applications, state regulatory planning, emergency response planning and litigation support, and new facility/modified facility designs. Models with which we are experienced include: AERMOD and AERSCREEN (including PVMRM and OLM), ISCST3/ISCLT and SCREEN3, CALPUFF, CAMx/CMAQ, DEGADIS and other dense gas models, and various accidental release/hazard assessment models (for RMP/PSM purposes).

Multimedia Consulting

- ▶ **SPCC** - Trinity has extensive experience in using defensible tools to assess the applicability of the SPCC program. Trinity's team has completed hundreds of plans for clients in various industries.



Trinity Can Help

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

For more information about how we can help your organization, please contact our Mississippi office at 601.672.4020.

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

- ▶ **Noise** - To protect persons from harmful or annoying noise levels, a noise analysis may be required prior to initiating a new project. Trinity assists through application and interpretation of noise models such as the Federal Highway Administration's Traffic Noise Model. We assist clients with determining noise exposure levels, developing noise abatement strategies, performing noise modeling to determine impacts, as well as providing technical support during litigation and community relations programs.
- ▶ **Odors** - Trinity can develop odor testing protocols, perform odor sampling, and perform air dispersion modeling to determine odor impacts at the facility fence line and outside fence line.

Environmental Compliance Reporting and Data Management

Trinity's team has prepared thousands of compliance reports covering all media, including:

- ▶ Annual air emissions inventories
- ▶ TRI reports (Form R) and hazardous waste reports
- ▶ GHG Mandatory Reporting Rule reports
- ▶ Tier II chemical inventory reports
- ▶ Discharge Monitoring reports
- ▶ Title V, NSPS, and NESHAP semi-annual reports
- ▶ Title V Compliance Certification reports

Trinity and its EHS Digital Solutions team also assist clients in evaluating their needs and implementing cost-effective data management systems to increase the effectiveness of tracking environmental information.

EHS Auditing and Professional Training

Due to Trinity's permitting experience and in-depth knowledge of State and Federal environmental regulations, Trinity is ideally suited to conduct thorough compliance audits and provide Professional Training on various EHS regulatory topics.

Trinity provides professional training courses, taught by senior-level consultants who are subject matter experts and accomplished instructors. We also develop custom training material and teach onsite courses designed to meet the specific needs of organizations. Annually, Trinity offers more than 300 courses for environmental professionals from industry, regulatory agencies, and professional societies, both domestically and overseas.