

REGULATORY ASSISTANCE

EHS Consulting for Missouri 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.

Our Missouri staff are professionals with backgrounds in engineering, manufacturing, and meteorology. Many have graduate degrees and professional certifications. This multi-disciplined staff enables Trinity to deliver the highest quality solutions, efficiently and cost-effectively.

With many years of experience serving Missouri companies from our offices in St. Louis and Kansas City, Trinity is strategically positioned to assist with your critical environmental issues.



Our track record includes high profile projects for a wide range of industries:

- ▶ Agriculture
- ▶ Automotive and Aerospace Equipment
- ▶ Bulk Terminals and Pipelines
- ▶ Cement, Lime, Aggregates, and Mineral Processing
- ▶ Chemical and Pharmaceutical Manufacturing
- ▶ Electric Power Generation
- ▶ Food and Beverage Processing
- ▶ Glass Manufacturing
- ▶ Iron and Steel Manufacturing
- ▶ Telecommunications
- ▶ Waste Management

EHS Expertise

Whether constructing a new industrial facility, expanding an existing facility, or modifying operations, your facility may be subject to environmental permitting and reporting requirements. Effective permitting requires extensive practical experience in project and regulatory analysis. Trinity has completed more than 1,700 projects for Missouri facilities, many for repeat, satisfied clients. Our project experience encompasses a wide range of service areas.

New Source Review (NSR) Permitting

- ▶ Permit applicability analyses
- ▶ Missouri construction permits and exemptions
- ▶ PSD and Nonattainment NSR applications
- ▶ Control technology determinations

Title V Operating Permits

- ▶ Initial and renewal applications
- ▶ Permit amendments and modifications
- ▶ Compliance assistance, including annual and semi-annual compliance reporting
- ▶ Emission Inventory Questionnaires (EIQ)
- ▶ Annual Emission Reports (AER)
- ▶ Annual Compliance Certifications (ACC)

Air Dispersion Modeling

- ▶ NAAQS and PSD increment modeling
- ▶ Class I area impacts analysis
- ▶ Regional haze modeling
- ▶ Missouri criteria and air toxics modeling
- ▶ Hazardous release modeling



Other Environmental Services

- ▶ Regulatory Compliance Support
 - Multimedia compliance auditing
 - CEMS reporting assistance
 - MACT and NSPS standards
 - Ozone depleting substance (ODS)
 - Risk Management Plans (RMP)
 - Process Safety Management (PSM)
 - SPCC and Facility Response Plans
 - Storm Water Pollution Prevention Plans (SWPPP)
 - Water sampling and analysis
 - Stack testing
 - Silt testing and analysis
 - Toxic Release Inventory (TRI)
 - Tier II Hazardous Chemical Inventory
 - TSCA Chemical Data Reporting (CDR)
 - Chemical Facility Anti-Terrorism Standards
 - Waste management
 - ◆ RCRA Permitting, Contingency Plans, and Closure
 - ◆ Beneficial Reuse and Alternative Fuels
 - Water quality discharge permitting
- ▶ EMS and EMIS implementation
- ▶ Phase I/II Environmental Site Assessments
- ▶ GHG inventories and reporting
- ▶ CDP and business sustainability
- ▶ Odor and noise studies
- ▶ Industrial hygiene exposure sampling
- ▶ Litigation support

Trinity's extensive permitting expertise provides practical experience that is critical when negotiating with the local agencies and the MDNR. Trinity maintains close contact with MDNR personnel who review permit applications, to track progress and respond to questions immediately, minimizing costly delays.

Air Quality Permitting

New and modified air emissions sources must meet Missouri and/or federal NSR permitting requirements. Trinity assists with all aspects of construction permitting including emissions quantification, regulatory applicability analyses, control technology assessments, air dispersion modeling, and permit application preparation. We work closely with clients to develop an optimal and flexible air permitting strategy, relying on our extensive knowledge and experience with Missouri permitting and permit exemptions. When a permit is not required, Trinity documents the non-applicability analysis for the client's files.

Trinity has completed numerous Title V and Intermediate Operating Permit projects in Missouri, including initial permit applications, permit renewal applications, permit modifications, and related compliance support. Trinity assists clients with developing applications to maximize operational flexibility while streamlining monitoring, recordkeeping, and reporting requirements. Trinity has extensive experience preparing annual Title V compliance reports.

Air Dispersion Modeling

Trinity is widely recognized for our skills in air dispersion modeling to support permit applications, compliance demonstrations, emergency response planning, and impact and feasibility assessments. Trinity has performed modeling analyses supporting air quality projects using various dispersion models such as AERMOD sanctioned by EPA and other regulatory authorities.

Regulatory Compliance Support

Trinity is well versed in providing air and other environmental compliance support. From annual TRI or Tier II reporting to SPCC and SWPPP support, the Missouri staff provides facilities with extensive compliance support for all environmental media.

To facilitate ongoing compliance demonstrations, Trinity has provided environmental data management tools for numerous clients. From simple log sheets, to SharePoint, to Excel/Access data tools, and commercial EMIS software, Trinity helps organizations streamline environmental compliance management and documentation.

Compliance Auditing

With in-depth knowledge of Missouri and federal environmental regulations, Trinity is ideally suited to conduct effective multimedia 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.

Custom Training Courses

Trinity staff frequently provide custom training courses to meet environmental training needs. Our instructors develop and deliver custom training courses on a wide range of Missouri and industry specific topics.

RCRA/Waste Management

Trinity works with RCRA hazardous and non-hazardous waste generators, such as TSDFs, recyclers, transfer facilities and transporters of all sizes, to ensure your facility complies with complex permitting and day-to-day requirements.

Leak Detection and Repair (LDAR)

Trinity's Missouri team has over a decade of LDAR knowledge and experience. Trinity has established, maintained and managed multiple LDAR programs within numerous industries.

Trinity Can Help

Trinity has the experience and insight to provide intelligent solutions to environmental challenges facing Missouri industry. Please contact our St. Louis office at 636.530.4600 or Kansas City office at 913.894.4500

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