

REGULATORY ASSISTANCE

EHS Consulting for Illinois 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 22 years, Trinity has served Illinois companies from our offices in Chicago and St. Louis, and is strategically positioned to assist with your critical environmental issues.

Our Illinois 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.



Our track record includes high profile projects for a wide range of industries, including the following:

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

Environmental 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 2,600 projects for Illinois facilities, many for repeat, satisfied clients. Our project experience encompasses a wide range of service areas.

New Source Review (NSR) Permitting

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

Title V (CAAPP) Operating Permits

- ▶ Initial and renewal applications
- ▶ Permit amendments and modifications
- ▶ Compliance assistance, including annual and semi-annual compliance reporting

Air Dispersion Modeling

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



Air Quality Permitting

New and modified air emissions sources must meet all applicable NSR permitting requirements. Trinity assists with all aspects of construction permitting including:

- ▶ Emissions quantification
- ▶ Regulatory applicability analyses
- ▶ Control technology assessments
- ▶ Air dispersion modeling
- ▶ 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 Illinois 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 (CAAPP), FESOP and Lifetime Operating Permit, and Registration of Smaller Sources (ROSS) projects in Illinois, 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's extensive permitting expertise provides practical experience that is critical when negotiating with the Illinois EPA. Trinity maintains close contact with Illinois EPA personnel who review permit applications, to track progress and respond to questions immediately, minimizing costly delays.

Regulatory Compliance Support

Trinity is well versed in providing air and other environmental compliance support. From annual reporting (Tier II, GHG, AER, ACC, TRI) to SPCC and SWPPP support, the Illinois 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.

Multimedia Compliance Auditing

With in-depth knowledge of Illinois 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 Illinois and industry specific topics.

Leak Detection and Repair (LDAR)

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

Other Environmental Services

- ▶ MACT and NSPS standards
- ▶ CEMS reporting assistance
- ▶ Ozone depleting substances (ODS)
- ▶ Risk Management Plans (RMP)
- ▶ Process Safety Management (PSM)
- ▶ Chemical Facility Anti-Terrorism Standards (CFATS)
- ▶ Water sampling and analysis
- ▶ Water quality discharge permitting
- ▶ Stack test planning, oversight and reporting
- ▶ Silt testing and analysis
- ▶ TSCA Chemical Data Reporting (CDR)
- ▶ RCRA/Waste management
 - RCRA permitting
 - RCRA contingency plans
 - RCRA closure
 - Beneficial reuse and alternative fuels
 - Waste determinations
- ▶ EMS and EMIS implementation
- ▶ Phase I/II Environmental Site Assessments
- ▶ Carbon, Capture, and Sequestration
- ▶ Sustainability/ESG
 - GHG inventories and reporting
 - CDP and business sustainability
- ▶ Odor and noise studies
- ▶ Industrial hygiene exposure sampling
- ▶ Litigation support

Trinity Can Help

Trinity has the experience and insight to provide intelligent solutions to environmental challenges facing Illinois industry. Our knowledge and experience make us an excellent partner for addressing these issues. For more information about how Trinity can help your organization, please contact our Trinity Chicago office at 630.495.1470 or our St. Louis office at 636.530.4600.

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