

# REGULATORY ASSISTANCE

## EHS Consulting for Arizona 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 is recognized as a leading provider of air permitting and compliance, ambient monitoring, regulatory applicability analyses, climate change, environmental and sustainability management, and air dispersion modeling services.

Our multi-disciplined team delivers the highest quality solutions, enhancing regulatory compliance while maximizing operational flexibility. Trinity's approach combines regulatory expertise, technical proficiency, responsiveness, and creative thinking within an ISO 9001 certified Quality Management System that ensures high quality products and services. Due to its reputation and experience, Trinity's Arizona team has developed excellent working relationships with Arizona's regulatory jurisdictions including Arizona Department of Environmental Quality, Maricopa County Air Quality Department, Pima County Department of Environmental Quality, Pinal County Air Quality Control District, various Arizona associations and work group committees, and EPA Region 9.

Since 2006, Trinity's Arizona office, based in Phoenix, has locally served clients on nearly 1,000 projects in a wide range of industries, including:

- ▶ Aerospace, Airlines, and Automobile
- ▶ Aggregates, Construction, and Concrete
- ▶ Agriculture, Beverages, and Food Processing
- ▶ Roofing and Building Products
- ▶ Cement, Lime, Stone, Clay, Glass, Tile, Brick, and Coal
- ▶ Chemical, Rubber, Plastics, and Allied Products
- ▶ Colleges and Universities
- ▶ Electric Power Generation
- ▶ Engine and Equipment Manufacturers
- ▶ Entertainment and Recreation
- ▶ General Manufacturing and Surface Coating
- ▶ Landfills
- ▶ Mining, Minerals, Metals and Metal Products
- ▶ Oil and Gas, Pipelines, Refinery, and Terminals
- ▶ Pharmaceuticals
- ▶ Pulp, Paper, Textile, and Fiber
- ▶ Railroad and Transportation
- ▶ Renewable and Alternate Fuel, Energy, and Materials
- ▶ Semiconductor and Electronics

### Air Quality Support

Whether constructing a new industrial facility or modifying an existing facility, managing compliance or enforcement/litigation matters, installing ambient or meteorological stations, or developing climate change or sustainability strategies, facility owners and operators may be subject to various environmental requirements. Trinity assists organizations with a full range of environmental solutions including:

- ▶ Permit applicability, strategies, due-diligence, siting and feasibility analyses
- ▶ Non-Title V/Class II air quality permits including initial, revision, and renewal applications
- ▶ PSD/Title V/Class I air quality permits including initial, revision, and renewal applications
- ▶ Tribal Land New Source Review
- ▶ Arizona General Permits
- ▶ Regional haze and Best Available Retrofit Technology (BART) determinations
- ▶ Emission inventories for various regulatory programs such as annual emission reports, Toxic Release Inventories (TRI), Tier II, and TSCA
- ▶ Control technology evaluations and compliance for BACT/LAER/RACT/MACT/BART
- ▶ State Implementation Plan (SIP) support
- ▶ Enforcement, litigation, liability, expert witness service, and client advocacy
- ▶ Agency negotiation, public outreach, and strategic advising

## Air Dispersion Modeling

Trinity is recognized nationally and internationally for expertise in air dispersion modeling to support permit applications, compliance demonstrations, emergency response planning, and impact and feasibility assessments. Trinity has performed air dispersion modeling analyses supporting air quality projects using dispersion models sanctioned by EPA and air quality agencies. Trinity also provides BREEZE® environmental modeling software and data services. Our modeling products and services include the following:

- ▶ Modeling software and data services for dispersion, accidental release, human health, explosion, and risk analyses
- ▶ Mobile source modeling
- ▶ NAAQS and PSD Increments modeling
- ▶ Class I area impact analyses
- ▶ Photochemical modeling analyses
- ▶ Regional haze and mesoscale modeling
- ▶ Risk Management Plan and toxic modeling
- ▶ Noise and odor analyses

## Climate Change, Sustainability and Environmental Management Systems

As a recognized leader in industrial air quality issues, Trinity is uniquely qualified to assist with climate change and energy efficiency needs. Our services include:

- ▶ GHG emissions quantification, footprinting, mitigation, benchmarking, offset projects, and verifications
- ▶ GHG BACT and control analyses
- ▶ Life Cycle Assessments (LCA) and Environmental Product Declarations (EPD)
- ▶ Energy Efficiency Assessments
- ▶ ISO 14001/18001/50001 program and EMS development, auditing, and support

## Multimedia Support

With valuable insight from Trinity's experienced professionals, systematic identification of issues, and structured solutions to problems, our multimedia EHS services include:

- ▶ EHS compliance, systems, and due-diligence audits
- ▶ Process Safety Management (PSM) and Process Hazard Analysis (PHA) Services
- ▶ Spill Prevention Control and Countermeasures (SPCC), and Industrial Stormwater Permitting
- ▶ Hazardous Waste Permitting and Compliance
- ▶ Stack test and emission monitoring services
- ▶ Fugitive emissions monitoring services including Leak Detection and Repair (LDAR)
- ▶ Continuous Emissions Monitoring System (CEMS) program development, installation, and audits
- ▶ National Environmental Policy Act (NEPA) and Environmental Impact Statement (EIS) project management, documents, and analyses
- ▶ ACT and NSPS standards compliance

- ▶ Risk Management Plans (RMP)
- ▶ Ozone depleting substance (ODS)
- ▶ Stormwater Pollution Prevention Plans (SWPPP)
- ▶ Renewable Fuel (RFS2) support
- ▶ Waste management:
  - RCRA Waste Minimization Plans, Contingency Plans and Closure
  - Beneficial Reuse and Alternative Fuels
- ▶ Water quality discharge permitting
- ▶ Phase I/II Environmental Site Assessments
- ▶ CDP and business sustainability

## Regulatory Compliance Support

From annual TRI or Tier II reporting to SPCC and SWPPP support, the Arizona 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 state and federal environmental regulations, Trinity is ideally suited to conduct effective compliance audits to ensure all applicable regulations are 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.

## Training and Staffing

Trinity offers more than 300 professional training courses annually for environmental professionals, covering a wide range of topics such as Arizona Air Quality in addition to other extensive custom training. Arizona staff develop and deliver custom training courses to meet environmental training needs, ranging from one hour to several days

## Trinity Can Help

For more information about how Trinity can help your organization, please contact our Trinity Arizona office at 602.274.2900.

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