REGULATORY ASSISTANCE
EHS Consulting for Utah Industry

Trinity Consultants

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 45 years, Trinity has been 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.

Trinity's team has developed excellent working relationships with Utah Department of Air Quality (UDAQ) and U.S. EPA Region 8.

Trinity performs over 320 projects annually in the Rocky Mountain states for clients in a wide range of industries, including:

▶ Aerospace, Airlines, and Automobile
▶ Aggregates, Construction, and Concrete
▶ Agriculture, Beverages, and Food Processing
▶ Cement, Lime, Stone, Clay, Glass, Tile, Brick, and Coal
▶ Chemical, Rubber, Plastics, and Allied Products
▶ Data Centers
▶ Electric Power Generation
▶ Engine and Equipment Manufacturers
▶ 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
▶ Roofing and Building Products
▶ Semiconductor
▶ Universities and Hospitals

Utah 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
▶ Notice of Intent (NOI) and Approval Orders (AO) initial, revisions, amendments, and applications
▶ PSD and Title V applications and audits
▶ Tribal New Source Review
▶ Emissions Reduction Credit (ERC) quantification, registration, and trading
▶ Emission inventories for various regulatory programs such as annual emission reports, Toxic Release Inventories (TRI), Tier II, TSCA, and GHG reporting
▶ Control technology evaluations and compliance for NSPS/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
▶ Small Source Exemption application

Utah 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

Ambient Air Quality and Meteorological Monitoring

We provide meteorological and air quality monitoring, and applied meteorological services. These turn-key Ambient Air Quality and Meteorological Monitoring services include site selection, equipment procurement and acceptance testing, equipment installation and integration, routine field operations, training of site personnel, calibration and maintenance, quality control checks, data management, data validation, data reporting and data formatting, quality assurance performance and systems audits, and emergency trips.

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 Storm Water Permitting
▶ Hazardous Waste Permitting and Compliance
▶ Stack test and emission monitoring services
▶ Fugitive emissions monitoring services including LDAR
▶ CEMS program development, installation, and audits
▶ National Environmental Policy Act (NEPA) and state policy act related project management, environmental impact reports (EIR), documents, and analyses

Phase I Environmental Site Assessments

Trinity employs experienced professionals to perform site assessments in accordance with ASTM E1527-13 standards to research current and historical uses of a property as part of commercial real estate transactions. This process includes:

▶ On-site identification of current property conditions
▶ Historical Environmental Database Report review
▶ Review of federal, state, and local regulatory databases
▶ Review of state and local agency records
▶ Interviews with current property occupants
▶ Review of title and judicial records

Trinity Can Help

Trinity offers more than 200 professional training courses annually for environmental professionals, covering a wide range of topics such as Utah Air Quality, PSD, Oil and Gas, as well as extensive custom training.

For more information about how we can help your organization, please contact Trinity Consultants by calling 800.229.6655, or call the Salt Lake City office at 801.272.3000.

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