



**Trinity Consultants** is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise, industry depth, and specialized capabilities to help clients achieve their goals across the natural and built environments.

## Colorado Oil & Gas Experience

Trinity supports Colorado operators with comprehensive EHS services tailored to the state's unique regulatory landscape. Our team works extensively with the Colorado Department of Public Health and Environment (CDPHE) on air, water, and waste compliance requirements, helping clients navigate Colorado's stringent environmental expectations with clarity and efficiency. We assist with permitting, reporting, compliance strategy, and environmental planning across the full lifecycle of oil and gas operations. With deep experience supporting operators statewide, we provide practical, cost-effective solutions that reflect the complexities of Colorado's environmental regulations and regional sensitivities.

## Colorado Air Quality Permitting

Trinity understands the evolving landscape of air quality regulations in Colorado and the challenges operators face in maintaining compliance. With decades of experience navigating EPA and CDPHE air permitting programs, our Colorado office delivers strategic, effective solutions tailored to your operational goals. Whether you're expanding operations, modifying existing equipment, or acquiring new assets, Trinity helps you secure the necessary permits while minimizing delays.

We support clients through every phase of the air permitting process and beyond—from applicability determinations and emissions calculations to permit application development, agency negotiations, and compliance strategy. Our team combines regulatory expertise with deep industry knowledge to ensure your air program is both compliant and efficient.

- Air Permitting
- Air Pollutant Emission Notice (APEN)
- General Air Permits (GP01 through GP11)
- NSR Construction Permits
- Title V
- Prevention of Significant Deterioration (PSD)
- Non-Attainment New Source Review (NNSR)

- Oil and Natural Gas Annual Emission Inventory Reporting (ONGAEIR)
- Toxic Air Contaminants (TAC) Reporting

## Colorado State Regulations and Nonattainment Area Requirements

Colorado's air quality framework places significant emphasis on reducing emissions of ozone precursors, particularly volatile organic compounds (VOC) and nitrogen oxides (NOx), in regions designated as ozone nonattainment areas. Trinity helps operators navigate CDPHE's increasingly complex regulatory landscape by providing strategic guidance, permitting support, and compliance solutions tailored to the Denver Metro/North Front Range (DMNFR) nonattainment area. Our team ensures operators remain aligned with Colorado's Regulation 7 requirements, NNSR expectations, and CDPHE's rigorous permitting and reporting standards.

## Routine and Predictable Emissions (ROPE)

Trinity supports operators in completing Colorado's Routine and Predictable Emissions (ROPE) permitting process, helping streamline approvals for emission sources that follow consistent, well understood operating patterns. Our team assists in preparing thorough ROPE applications, developing accurate emissions profiles, and ensuring that supporting documentation meets CDPHE's expectations for routine operational scenarios. With a focus on efficiency and clarity, we help operators secure approvals that minimize permitting delays and maintain compliance with Colorado's air quality requirements.

## Regulatory Air Dispersion Modeling

Trinity delivers globally recognized expertise in air dispersion modeling to support permitting, compliance, and emergency planning. Our Colorado office has deep experience with the modeling protocols and technical requirements established by CDPHE and EPA. Since 1990, Trinity has performed hundreds of air dispersion modeling analyses in support of air quality projects throughout Colorado using dispersion models sanctioned by EPA and other regulatory authorities, including:

- AERMOD
- CALPUFF
- Various Accidental Release Models

Our Colorado modeling experience allows us to provide state-specific insight for each project and develop the most beneficial strategies based on client needs.

## Accidental Release Modeling

Trinity's technical staff has performed many types of accidental release analyses, including off-site consequence analyses required by the Section 112(r) Risk Management Program. Our hazards modeling specialists conduct complex analyses to support internal planning and legal proceedings. These types of analyses can be technically challenging and are performed by Trinity's hazards modeling specialists.

## Climate Change Services

Climate change, resulting from the accumulation of greenhouse gases (GHGs) in the Earth's atmosphere, has emerged as a critical issue and is likely to result in the promulgation of regulations to limit GHG emissions. Trinity has experience developing comprehensive climate management strategies, including:

- GHG Emissions Inventories
- Reporting/Mitigating GHG Emissions
- Emissions reduction planning tied to the Greenhouse Gas Emissions and Energy Management for Manufacturing (GEMM) rules

## Technology-Based Compliance Solutions

Beyond strategic planning, we equip clients with digital tools to streamline compliance and data management.

Trinity knows how much the world has changed when it comes to data management and environmental compliance. Over the last 20 years, Trinity's Digital Solutions team has developed innovative technology-enabled solutions to support clients' EHS programs. With exceptional expertise in regulatory requirements, information technology, and industry best practices, Trinity is ideally suited to provide innovative solutions to your EHS data management challenges. We help organizations analyze, plan, design, implement, deploy, and sustain technology-enabled EHS business processes. From custom solutions to assisting with implementing third-party software, Trinity's Digital Solutions team has the experience to help clients reach their EHS goals.

In addition to permitting, we help operators assess compliance risks and maintain regulatory integrity.

## Colorado Due Diligence and Audit Experience

Trinity is recognized for our expertise in evaluating compliance with regulatory requirements and ensuring conformance with management system processes and practices. Using extensive permitting experience and in-depth knowledge of state and federal environmental regulations, Trinity is ideally suited to conduct effective compliance audits to ensure that applicable regulations have been appropriately addressed, determine compliance status, and suggest corrective action where needed. The result is a complete picture of regulatory requirements to help you attain or maintain compliance. Trinity provides a full range of audit services from audit planning through implementation and closure of corrective action items.



- Due diligence:
  - Pre-Permitting
  - Pre and Post Acquisition
  - Phase I & Phase II ESA
- Audit:
  - Regulatory Compliance Audits
  - Regulatory Compliance Matrix Development
  - Colorado Environmental Audit Privilege and Immunity Law Program

## Routine Regulatory Filings

Trinity helps operators manage a wide range of routine environmental submissions required by CDPHE and other agencies. This includes emissions inventory reporting, routine air permit updates, recordkeeping reviews, and documentation needed to maintain compliance under Colorado's air, water, and waste programs. By ensuring timely, accurate filings and organized compliance records, we help operators avoid compliance gaps, reduce administrative burden, and maintain strong regulatory standing.

- Routine regulatory filings
- Monthly injection reports
- Sundry filings
- Mechanical Integrity Test (MIT) documentation

## Safety and Contingency Planning

We deliver targeted compliance solutions for oil and gas operators, including H<sub>2</sub>S contingency plans, Spill Prevention, Control, and Countermeasure (SPCC) plans, and Tier II chemical inventory reporting. Our team ensures your operations meet OSHA, EPA, and state-specific requirements while minimizing liability and streamlining compliance. From developing site-specific H<sub>2</sub>S response procedures to preparing and certifying SPCC plans that protect against costly spills, to managing annual Tier II reporting obligations, we deliver practical solutions that keep your business safe, compliant, and audit ready.

- Safety and contingency Planning:
  - H<sub>2</sub>S contingency plans
  - Spills Prevention Controls and Countermeasure (SPCC)
  - Tier II

## Remediation and Reclamation Planning

We help operators meet remediation and reclamation obligations with practical, cost-effective strategies under Colorado and federal regulations. Our team develops pragmatic, cost-effective strategy to restore disturbed land to its intended post-use condition—whether for lease closure, asset divestiture, or regulatory compliance.

- Site characterization and risk-based corrective action (RBCA)
- Soil and groundwater sampling and analysis
- Remediation system design and oversight
- Reclamation planning and execution aligned with CMLRB and BLM standards
- Closure documentation and regulatory coordination

## Cultural Resources and Archaeological Investigations

Trinity provides cultural resource management services to help oil and gas clients comply with Section 106 of the National Historic Preservation Act, NEPA, and applicable state and tribal requirements. Our team works closely with land management agencies, State and Tribal Historic Preservation Officers, and tribes to ensure timely and respectful project execution.

- Class I records reviews and Class III cultural resource surveys
- Archaeological testing and data recovery
- Archaeological and tribal monitoring
- Archival research
- Architectural surveys
- Public-outreach programs
- Agency and tribal consultation support
- Development of documentation to support Section 106 compliance, NEPA, and permitting processes

## Engineering and Design Services

Our Engineering and Design Services provide comprehensive solutions tailored to meet the complex challenges of protecting pipelines through riverine environments. Our team specializes in erosion analysis, hydraulic modeling, vibration assessments, and permitting support to help clients achieve resilient, compliant designs.

- Scour and Bank Erosion Analysis
- Vibration Induced Vibration Analysis
- Feasibility and Alternative Analyses
- Hydraulic Modeling

- Hard and Soft Armoring Design
- Pipe Supports
- Permitting Support – (State and NWP)
- Hydrotechnical Hazard Mitigation
- GIS Analysis

## Environmental and Biological Services

Our Environmental and Biological Services are designed to support sustainable development while ensuring compliance with environmental regulations and the protection of natural resources. Our team also provides permitting support under key regulatory frameworks such as the Clean Water Act and River and Harbors Act, helping clients navigate complex environmental requirements with confidence and efficiency.

- Wetland Delineation, Assessments, and Mitigation Design
- Fisheries Studies and Fish Protection Services
- Wildlife Habitat and Biodiversity Assessments
- Clean Water Act (CWA) Sections 401 & 404 Permitting
- ESA Permitting
- River and Harbors Act (RHA) Section 10 Permitting

## Why Trinity

With over 50 years of experience, Trinity combines basin-specific insight, deep regulatory knowledge, and a full-spectrum EHS offering. Our Colorado team is backed by national resources and a proven track record of supporting oil and gas operators—making us the ideal partner for navigating environmental and regulatory challenges.

- 50+ years of EHS consulting experience
- Deep familiarity with Colorado's oil & gas regulations
- Full-spectrum support across air, water, waste, and safety
- Local experts backed by national resources
- Proven track record with upstream operators

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

### CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

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