



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.

Trinity has been recognized as the leading consulting firm of air permitting and compliance, regulatory applicability analyses, climate change, environmental management, and air dispersion modeling services. Trinity's Corpus Christi office was established in 2004, and is well known for its commitment to environmental consulting and providing accurate, timely, and professional service for our clients. We have assisted clients with hundreds of key projects, and are staffed and strategically positioned to support your local, critical environmental needs.

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

- Aggregate/Minerals
- Agriculture
- Chemicals
- Deepwater Port Permitting
- Industrial Waste
- LNG Facilities
- Liquid Terminals
- Manufacturing
- Oil and Gas
- Petroleum Refining
- Plastic/Coating/Adhesives
- Power Generation
- Public Utilities
- Steel Manufacturing
- Transportation

Air Quality Permitting

Whether constructing a new industrial facility, expanding an existing facility, or modifying operations, your facility may be subject to air quality permitting requirements. Effective air permitting requires extensive practical experience in all aspects of air quality analysis and regulation. Since 2015, the Corpus Christi team has completed hundreds of air permitting projects for Texas industries, many for repeat, satisfied clients. The consultants in our office bring this

expertise to each project, providing these comprehensive air quality services:

- State (Minor) New Source Review (NSR) Regulatory Analysis and Permitting, including:
 - Permit Alterations
 - Permits-by-Rule (PBRs)
 - Standard Permits
 - Case-by-Case Permits, Permit Amendments, Permit Renewals
- Federal NSR Regulatory Analysis and Permitting Support for:
 - Prevention of Significant Deterioration (PSD)
 - Nonattainment NSR
- Control Technology Determinations—BACT, RACT, LAER, MACT
- Title V Operating Permits
- Emission Inventories
- Toxic Release Inventories
- Chemical Data Reporting

We assist with all aspects of air permitting including emissions quantification, thorough regulatory review, pollution control technology assessment, air dispersion modeling, state health effects evaluation, and preparation of related documentation. Our Texas Title V federal operating permit project experience includes initial, renewal and revision permit applications, compliance assurance monitoring, and related compliance support. We assist clients by developing Title V permit applications that maximize operational flexibility while streamlining monitoring, recordkeeping, and reporting requirements. We assist clients with developing the necessary documentation and procedures to ensure ongoing compliance with permit conditions.

The Corpus Christi office has extensive experience in preparing annual emissions inventory reports. We utilize a variety of resources to derive the most appropriate emission factors for all sources and necessary pollutants to ensure accurate reporting of emissions.

In addition to air emission inventories, the Corpus Christi team also prepares Toxic Release Inventories and Chemical Data Reporting.

Our permitting expertise provides practical experience that is critical when negotiating with the Texas Commission on Environmental Quality (TCEQ).

We maintain close contact with TCEQ personnel who review our clients' permit applications to track progress and respond to questions immediately. Often, we have established effective working relationships with TCEQ personnel from previous projects which facilitates timely review, minimizing costly delays.

Air Dispersion Modeling

The Corpus Christi Team is recognized for our skills in conducting air dispersion modeling studies to support permit applications, compliance demonstrations, and impact and feasibility assessments. Our regulatory dispersion modeling projects typically involve the use of these applications:

- AERMOD
- AERSCREEN/SCREEN3
- ISC

We also have expertise in the application of these specialized models:

- CAMx
- CALPUFF
- Off-shore Coastal Dispersion (OCD) Modeling

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

Texas Wastewater Emissions Modeling

In addition to atmospheric dispersion modeling, the Corpus Christi team has been recognized for its skills in modeling wastewater treatment systems to support permit applications and compliance demonstrations using the following modeling software tools:

- EPA WATER9
- Toxchem

Multimedia Permitting and Compliance

Our consultants also have multimedia permitting and compliance expertise. We have assisted many clients with projects such as construction and industrial stormwater permitting, Stormwater Pollution Prevention Plans (SWP3), soil sampling plans, Spill Prevention, Control, and Countermeasure (SPPC) Plans, Facility Response Plans (FRPs), and America's Water Infrastructure Act (AWIA) Risk and Resiliency Analyses (RRA) and Emergency Response Plan (ERP) updates.

Additional Emissions Calculation Tools

The Corpus Christi team has access to and experience using numerous emission quantification tools to support permit applications and compliance demonstrations.

- Trinity Tanks Calculation Tool
- TCEQ NSR Workbooks and EMEW
- TankESP
- TANKS E&P
- ProMax

- GRI AMINECalc
- GRI GLYCalc
- TANKS 4.09.d

Process Safety Management (PSM) and Risk Management Plans (RMP)

The Corpus Christi team serves a broad cross-section of industries with PSM and RMP support. With the acquisition of PSM specialty firm Provenance Consulting, Trinity provides expertise in all 14 elements of PSM and RMP, enabling us to deliver comprehensive and efficient solutions that are custom tailored to a facility's individual need.

On-Site Support

Our staff has extensive on-site assistance experience and is ready to provide various air quality related support to our clients, including (but not limited to) air permitting, Title V deviation reporting, emission inventory quantification and reporting, and NSPS/NESHAP/MACT compliance and reporting including Benzene Waste Operation NESHAP (BWON) support. With our staff's wide range of experience and varied expertise, the Corpus Christi team is well-suited to fill any of your on-site support needs.

Trinity Can Help

Whatever your challenge, we have the experience and insights to provide intelligent solutions to optimize environmental performance. Our knowledge and experience in all aspects of EHS compliance make us an excellent partner for addressing these issues.

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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