

 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.

Compliance obligations surrounding Per- and Polyfluoroalkyl Substances (PFAS) are advancing nationally and globally. Areas of focus include environmental reporting, water discharge, manufacture and import, byproduct formation, waste management, chemical use restrictions, and consumer/supplier requested information disclosures. Many U.S. states are also enacting their own regulations aimed at PFAS management and investigating industrial sources of PFAS releases.



Semiconductor PFAS Recent Projects

Photoresist Supplier PFAS Inquiry

- Provided support for multiple fabs company-wide
- Leveraged NDA between fabs and suppliers to facilitate desired disclosure
- Requested on basis of U.S. EPA compliance but data is also relevant for global product stewardship

Corporate PFAS Management Program

- Developed procedures for regulatory compliance and responsible management aligned with company goals
- Developed procedures described above while focusing on fab PFAS usage, storage, processing, manufacturing as byproducts, and/or any environmental discharge
- Provided formal SOP for client ongoing use

Toxic Release Inventory and TSCA 8(a)(7) Reporting

- Gathered PFAS data following EPA information standards of “readily available” and “reasonably ascertainable”
- Managed efficient reporting efforts to meet rule requirements, reducing unnecessary expenditures

Global Regulatory and Customer Requirements Review

- Described applicable restrictions on in Europe, Asia, U.S., Canada and from major customers
- Evaluated select molecules in reference to varying definitions of PFAS
- Described relevant PFAS environmental compliance obligations currently in force and in development

Air Emissions and Human Toxicity Impact Study

- Developed PFAS air emission rates from new fab based on presence in process chemicals
- Developed PFAS human toxicity concentrations for regulatory use in PFAS air dispersion modeling

Water Discharge Sampling Assistance

- Advised on appropriate sampling methods and sample points to evaluate potential for detectable PFAS contributions from fabs
- Advised on steps to validate sampling done by local municipalities to ensure representative and accurate

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.

Trinity Dallas Office
P 800.229.6655

SCAN THE QR CODE TO LEARN MORE

