



PFAS Air Quality Management



Successfully Navigating an Uncertain Regulatory Landscape

PFAS (per- and polyfluoroalkyl substances) emissions from fire training exercises and several industrial processes can contribute to soil, groundwater and ambient air contamination that can lead to human exposure by both direct and bioaccumulation pathways. With more than 200 air quality professionals in over 30 offices nationwide, TRC provides critical support for PFAS measurements, control device permitting, and Toxic Release Inventory (TRI) reporting.

Current Status of PFAS Air Regulations and Testing

The extent of air emissions, as well as the methodology to measure both PFAS emissions and ambient air concentrations, are issues receiving increasing attention from EPA and state agencies due primarily to contamination of drinking water linked to atmospheric deposition.

Although EPA has yet to promulgate reference methods for measuring PFAS in source emissions and ambient air, the private sector is actively developing and validating measurement methods that have informed control technology approaches, state-specific regulations, and consent decrees. EPA's PFAS Action Plan is targeting 2020-2021 for the development and validation of an emissions test method for PFAS.

In December 2019, the National Defense Authorization Act (NDAA) was used to petition EPA to add 172 individual PFAS chemicals to EPCRA Section 313 List for TRI reporting, which will include assessing PFAS air emissions if a facility manufactures, processes or otherwise uses more than 100 pounds of any PFAS chemical, beginning in Reporting Year 2020.

PFAS Air Expertise and Services

- TRC is developing and validating ambient and air emissions test methods for PFAS in collaboration with several partners through both bench scale studies and field measurements to measure PFAS and products of incomplete combustion (PICs).
- TRC has partnerships with analytical laboratories who perform specialized analyses associated with PFAS.
- TRC's broad understanding of both PFAS chemistry and industrial processes enables us to help clients navigate the new requirements associated with TRI reporting for PFAS.
- TRC's air quality consultants assist clients in developing strategies to achieve PFAS permitting, compliance and sustainability goals.

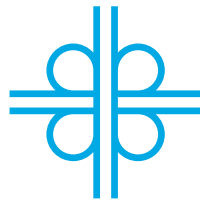
About TRC

Groundbreaker. Game changer. Innovator. TRC is a global firm providing environmentally focused and digitally powered solutions that address local needs. For more than 50 years, we have set the bar for clients who require consulting, construction, engineering and management services, combining science with the latest technology to devise solutions that stand the test of time.

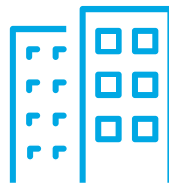
TRC's nearly 6,000 professionals serve a broad range of public and private clients, guiding complex projects from conception to completion to help solve the toughest challenges. We break through barriers for our clients and help them follow through for sustainable results.



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