

Environmental Services



Supporting regulatory compliance and a sustainable asset life cycle



Optimizing business performance

Tetra Tech recognizes the challenges industries face in managing environmental liabilities and implementing environmental solutions. Our in-depth understanding of the regulatory framework enables us to formulate best-value solutions that optimize business performance for the industries we support. Tetra Tech supports industrial clients across major market sectors including oil and gas, manufacturing, power, and mining. Our services encompass all aspects of environmental compliance, including developing permit applications and compliance evaluations, designing and building capital projects, and implementing environmental management systems.

Tetra Tech's sustainability team includes more than 30 certified energy managers and 120 LEED-accredited professionals.

Environment, Health, and Safety Management

Tetra Tech works closely with our industrial and commercial clients to address emerging issues in environment, health, and safety (EHS) management. Our environmental specialists help track, maintain, audit, and improve clients' EHS management systems. Our services include impact assessment, due diligence, feasibility studies, site selections, and mergers and acquisitions support. We prepare risk management plans, develop plans for responding to natural and man-made disasters, and audit internal EHS performance.

Industrial Engineering

Tetra Tech provides comprehensive engineering services for a diverse range of manufacturing and processing facilities. We address the full scope of capital investment and facility enhancement, from conceptual planning through detailed design, construction, facility start-up, and commissioning. Our services include project management; process design; piping and mechanical design; civil and structural design; electrical design, controls, and programming; process safety management; and facility security control.



Specialty Services

Greenhouse Gas Emissions: We track greenhouse gas emissions and support our clients' compliance, establish management systems, prepare emission inventories and annual reports, and conduct audits.

Resource Efficiency Management: Our resource efficiency management program helps commercial clients reduce energy and water use, increase resource recovery, improve operational efficiency, and reduce costs.

Cooling Water Intake Structures: We deliver the best technology to minimize adverse environmental outcomes by locating, designing, and building cooling water intake structures (Clean Water Act, section 316[b]).

Our enterprise-wide
Total Recordable
Incidence Rate
outperformed
others in our
industry by
73 percent in 2020.

Air Quality

Tetra Tech's deep knowledge of current and changing air quality issues helps our clients meet air quality requirements. Our full-service air practice includes deep expertise in strategic compliance planning, emissions inventory development, control technology review, permit development, air dispersion modeling, and designing and installing pollution control systems. Our customized compliance programs include computerized databases and reporting software to efficiently and effectively meet compliance obligations.

Remediation

Tetra Tech's proven approach to site investigation and remediation reduces life cycle costs and helps achieve regulatory site closure. We have broad experience and strong technical and regulatory expertise in soil, soil vapor, sediment, surface water, and groundwater remediation.

Water and Wastewater

Our regulatory knowledge and technical expertise help clients comply with environmental laws related to drinking water, stormwater, and industrial wastewater. We perform water quality modeling, wastewater characterization, treatment technology evaluation, treatability studies, conceptual design, detailed engineering design, construction management, system optimization, and water and wastewater plant operation.

Waste Management

Increasingly, industrial facility operators recognize waste as a resource. Tetra Tech uses a lifecycle approach to convert clients' waste management problems into asset management strategies. We integrate pollution prevention, reclamation, and recycling in asset management programs, with the ultimate goal of cost savings.



TETRA TECH

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Tetra Tech's innovative, technology-enabled solutions help our clients address their water, environment, sustainable infrastructure, renewable energy, and international development challenges. We are proud to be home to leading technical experts in every sector and to use that expertise throughout the project life cycle. Our commitment to safety is ingrained in our culture and at the forefront of every project. We combine the resources of a global, multibillion dollar company with local, client-focused delivery. [tetrattech.com](https://www.tetrattech.com)