

PRACTICAL SOLUTIONS FOR CHEMICAL, PHARMACEUTICAL, AND MANUFACTURING OPERATIONS



Weston Solutions, Inc. brings 50+ years of experience helping chemical, pharmaceutical, and manufacturing facilities navigate complex regulations without disrupting operations. We deliver practical, defensible solutions that shorten timelines, reduce risk, and support confident decision making.

NATIONAL SCALE, PRACTICAL EXECUTION.

Weston is a mid-size, 100% employee-owned infrastructure, environmental, and remediation services firm guided by the Weston way since 1957. We help chemical, pharmaceutical, and manufacturing organizations meet complex environmental requirements without losing sight of real-world execution.

With a corporate office in West Chester, PA, more than 25 offices, and 1,000 professionals nationwide, we mobilize quickly to all 50 states and U.S. territories with the right expertise locally and nationwide. Our teams bring decades of field experience and data-driven insight to deliver technically sound solutions that improve operational efficiency, lower costs, and reduce regulatory risk.

Whether developing new facilities, expanding operations, or addressing legacy liabilities, Weston works as an extension of your team bringing full life-cycle delivery in one partner, from planning through permitting, remediation, and ongoing compliance.

TECHNICAL CAPABILITIES AND EXPERTISE

Full life-cycle expertise delivered by specialists who understand the realities of industrial operations:

INFRASTRUCTURE

- Water and Wastewater Treatment
- Facility and Utilities Improvements
- Water Resources
- Construction Management, Start-up, and Commissioning
- In-Plant Facility Engineering Support
- Treatability and Pilot Testing
- Siting, Licensing, and Permitting

ENVIRONMENTAL

- Emerging Contaminants - PFAS
- Environmental, Health and Safety Compliance and Sustainability
- Emission Testing, Monitoring, Modeling, and Permitting
- Assessment, Investigation, and Feasibility Studies
- Rapid and Emergency Response
- Information Management
- Waste Management

REMEDIATION

- Remediation, Decontamination, and Demolition
- Site Closure and Restoration
- Community Relations



Facility Infrastructure and Utilities Support, Confidential Pharmaceutical Client, PA. Weston delivered end-to-end utilities support to enable an expansion of a pharmaceutical manufacturing operation. Services included engineering design, construction oversight, and O&M for water/wastewater systems, boiler upgrades, and natural gas systems (including fuel switchovers), plus building and tank farm decommissioning/upgrades. Treatability and pilot testing supported early treatment decisions and reduced downstream risk. A new wastewater treatment plant and water reuse system increased capacity and operations flexibility, while a fuel-oil-to-natural-gas conversion reduced operating costs, air emissions, roadway risk associated with bulk-fuel deliveries.



Wastewater Assessment and Evaluation, Confidential Consumer Product Manufacturer and Pharmaceutical Client, NJ. Weston completed a facility-wide wastewater assessment to characterize streams, evaluate treatment options, and deliver process/engineering design and permitting. Supported implementation through construction oversight, commissioning, start-up, and operator training. Additional services included air permitting and emissions testing, stormwater permitting, and development of spill prevention and management plans, resulting in improved compliance consistency and long term operational reliability.



Comprehensive EHS and Remediation Support, Confidential Pharmaceutical Client, PA. Weston served as an extension of the client's EHS team, providing ongoing environmental permitting/reporting, compliance auditing, industrial hygiene assessments and monitoring, air testing, and site assessments. Weston also supported spill response and soil remediation activities, including characterization, delineation, and remediation of an onsite landfill. This work enabled a major facility expansion, which more than doubled vaccine production. Technical support has included TRI, PAL, and DMR reporting, as well as chemical exposure monitoring aligned with corporate and OSHA standards.



Industrial Wastewater Upgrade Design-Build, Confidential World-Wide Beverage Client, GA. To satisfy a consent order on an accelerated schedule, Weston delivered fast-track design-build services for a 0.22-MGD industrial wastewater treatment upgrade. Work included site reconnaissance, jar testing of coagulants and polymers, pilot testing, permitting, construction management, and start-up support. System upgrades included a new influent pump station with mechanical screening and VFD-driven submersible pumps. Improved pH control reduced sodium hydroxide use by 60%, lowering operating costs and improving system stability.



Industrial Wastewater Treatment Engineering, Construction, and Compliance, Confidential Pharmaceutical Client, PA. Weston provided engineering and regulatory support to address performance limitations in an existing on-site wastewater treatment system that relied on intensive ozonation with limited ability to manage influent pH swings. We delivered value engineering, permitting support, and design of a lower-energy UV disinfection system, along with targeted equipment upgrades including new grinder/aerators and refurbished equalization basins. Start-up, commissioning, and operator training improved treatment reliability and flexibility across variable influent conditions.



Environmental Compliance, Confidential Pharmaceutical Client, NJ. Weston provided site-wide environmental compliance support, including air testing and permitting, pretreatment permitting for wastewater discharge, waste management reporting, spill management and contingency plan development, and compliance data management. To improve long-term operational efficiency, Weston also performed an engineering study to evaluate wastewater reuse/recycle options. The study identified multiple alternatives supported by a comprehensive cost-benefit analysis, enabling informed decision making and future capital planning.

FOR MORE INFORMATION, CONTACT:



Jay Motwani, PE, LEED AP®

610-701-3788

Jay.Motwani@WestonSolutions.com



Carlos Claros, PE, PMP®

713-985-6612

carlos.claros@westonsolutions.com



Elizabeth Cody, PE

610-701-3424

elizabeth.cody@westonsolutions.com