



## **What Other Services Are Now Available?**

As a Tower Water customer, you now have access to a comprehensive suite of water treatment services and solutions. Our offerings are designed to effectively address your unique needs while providing exceptional value and convenience.

### **Sustainable Water Treatment**

We offer sustainable, chemical-free water treatment options that utilize plant-based solutions and on-site oxidant generation using only air. This environmentally-friendly approach can be explored based on your facility's specific operations, incoming water quality, and ability to install specialized equipment. Monthly service is required.

### **Tower Cleaning & Disinfection**

Proper cooling tower maintenance includes professional cleaning at least twice yearly to remove debris from basins, mist eliminators, nozzles, and fill. This best practice helps protect people from Legionella exposure and reduces operational costs. Our service includes a one-hour pre-disinfection, followed by post-cleaning disinfection per ASHRAE 12-2021 Section 7.6.3 (1) standards, satisfying NYCDOH, NYSDOH, and most ASHRAE 188 Plan requirements.

### **TWIFI Smart Controller with Remote Monitoring and Alerts**

Our water quality monitoring device records and logs mandated parameters, enabling remote conductivity monitoring for efficient response times within 24 hours, as required by local and state regulations. This reduces emergency visits and excessive chemical usage.

### **New Construction and Specialty Cleaning**

Our expertise includes new construction pipe cleaning to remove oils, grease, and contaminants after fabrication, welding, brazing, or soldering, preventing issues like bacteria growth, heat exchanger coating, and clogged strainers.

### **Compliance Services & Legionella Risk Management**

Our compliance division provides comprehensive Legionella Risk Management Plans and updates tailored to your local government or health official requirements, meeting ASHRAE 188 standards. Our Field Compliance Auditor (FCA) serves as a check and balance for your designated risk management team.



## **Legionella Testing**

Routine Legionella testing can be performed by an independent, ELAP-approved laboratory, with results provided to necessary parties. Additional tests required for corrective action will be invoiced separately.

## **Routine Glycol Full Independent Analysis and Report**

Proactive glycol system evaluation at appropriate frequencies helps extend fluid and system life while providing early detection of potential issues through a 32-parameter test and comprehensive report.

## **Potable and Other Water Testing**

Our trained and certified personnel can test various water sources, ensuring compliance and addressing your facility's specific needs, whether on-site or through laboratory analysis.

## **Installation/Insulation of Water Treatment Equipment**

Our in-house plumbers/pipe fitters can provide turnkey installation and insulation services for water treatment equipment, or we can coordinate with your preferred contractors.

## **Filters and Filtration Equipment**

We believe in the superiority of mechanical filtration solutions and offer a range of filter types, including sand, bag, cartridge, separators, and others, designed based on particle size, quantity, cost, maintenance, location, water pressure, and ROI.

## **Water Softeners and Boiler Treatment**

We provide water softening solutions, essential for boiler treatment, based on thorough incoming water testing. Our services include design, installation, and maintenance of all water softener types.

## **Off-line System Lay-Up**

This service protects idle systems during seasonal shutdowns, utilizing special inhibitors and biocides to protect metal surfaces and maintain near-zero bacteria levels during winter months.

## **Engineering and Design of Water Flow, Legionella, and Treatment**

Our company specializes in designing systems that maintain proper water flow, prevent stagnation, and protect against Legionella, focusing on mechanical solutions over chemical treatments for maximum effectiveness.



### **Specification Writing & Estimating**

We assist clients and engineering firms with specifications for treating individual systems, ensuring minimum service, cleaning requirements, and chemical concentrations for optimal performance.

### **Summertime Hyper-halogenation (NYC)**

As mandated by New York City, we perform a one-time, higher-than-normal dosing of chlorine or bromine-based biocide between July 1 and August 31, maintaining a minimum 5 ppm free halogen residual for at least 6 hours. Documentation is provided to ensure compliance.

### **Corrosion Coupon Analysis**

Corrosion coupons provide a simple and cost-effective method to track corrosion rates in liquid systems. We maintain, monitor, and report coupon results digitally at recommended frequencies based on the monitored system.

### **Facility Field Testing Equipment, Reagents, Dip Slides**

For critical operations, we can provide necessary test kits to monitor treatment effectiveness throughout the month, ensuring comprehensive understanding of system performance.

### **CTI-148 6-Hour Disinfection**

Some ASHRAE Cooling Tower Plans require a more involved 6-hour disinfection procedure per ASHRAE 12-2021 Section 7.6.3 (2) standards, which we can perform as needed, including system flushing if required. This service is invoiced separately.

### **Mobile Application, Digital Logs, Reports, and Documentation**

All reports are generated electronically and provided via email, enhancing your facility's ability to maintain records and satisfy local city and state officials' requirements. These documents are also housed on a digital platform for easy access and review.

### **Cooling Tower and Compliance Inspection**

Per ASHRAE Cooling Tower Standard 188, we provide inspection reports covering your cooling tower's overall appearance, make-up water feed system, and chemical water treatment control equipment, identifying biological concerns and providing corrective recommendations.



## **Annual Certification**

We offer complete validation of plan requirements, reviewing documentation of services performed by our team or other water management plan members and relevant building vendors. An annual certification verifies your site's compliance status, noting any deviations and corrective actions taken throughout the year.

With Tower Water's comprehensive range of services, you can trust that your facility's water treatment needs will be met with excellence, expertise, and a commitment to exceptional service.