



# EMERGENCY REMEDIATION

Gain Control of Bacteria within 48 Hours\*

Contact us to achieve non-detectable levels of waterborne pathogens including *Legionella*.  
Call 800.635.7873 or email [remediation@liquitech.net](mailto:remediation@liquitech.net).

## Time, discretion, and efficacy are of the utmost importance during an outbreak.

It is especially critical to work with experts who have proven success in gaining control of waterborne bacteria within 48 hours. LiquiTech® has more than 25 years of experience in delivering immediate and effective results across a wide range of water environments.

## Why choose LiquiTech?

- **Rapid Response** – Remediation team and system on-site within 24 hours.
- **Engineering Expertise** – Diagnostic analysis of your facility water systems.
- **Extension of Your Team** – Implementation of a systemic remediation plan specific to your facility's needs.
- **Quick Results** – System management to achieve ion distribution, including 3-5 days of onsite service; duration dependent on facility size and distribution challenges encountered.
- **Non-Toxic Solution** – No need to shut facility water off during implementation.
- **Public Health Notice Not Required** – Notice is required with chemical remediation.
- **Safe and Easy Maintenance** – Does not require storage of hazardous materials.

### Trusted by over 1,700 facilities

We have successfully deployed immediate remediation and ongoing water management systems in some of the most prestigious health care facilities worldwide.

## LiquiTech's Strategy for Rapid Remediation

*Details subject to change based on facility size, distribution and water systems.*

- ✓ **Engineering analysis and bacteria testing** of building plumbing and water systems to identify infected areas or areas at risk for bacterial growth.
- ✓ **Installation of point-of-use filters** at positive or high-risk distal sites until remediation plan has been completed and patients are no longer at risk for infection.
- ✓ **Copper silver ionization installation** at the building water supply's point of entry with target levels of 0.8 ppm copper and 80 ppb silver to be distributed throughout the facility.
- ✓ **Thorough flushing protocol** targeting distal sites throughout the facility, including all sites within the affected area for a period of 3-5 days in order to achieve desired ion distribution.
- ✓ **Water system culture analysis** after 48 hours using samples drawn throughout the facility, including all previously positive locations. Simultaneous copper silver ICP samples will be drawn with the bacterial samples to confirm ionization levels and distribution.
- ✓ **Ongoing bacterial and ICP testing** which includes weekly testing (dependent on state or facility needs) for a period of 30 days once non-detectable levels have been achieved. Followed by monthly tests to ensure ongoing system efficacy.

## Proven Technology

LiquiTech copper silver ionization is the most effective technology for systemic disinfection of *Legionella* in potable water systems. In field evaluations, this technology has yielded the best results over a wide range of water conditions and temperatures, and is backed by more than 100 independent research studies.

Copper silver remediation:

- Can achieve non-detectable levels of *Legionella* within 48 hours.
- Does not interrupt water service to your facility or disrupt ongoing operations during remediation or installation.
- Achieves disinfection while staying within EPA federal safe drinking water limits, allowing for safe water consumption for patients and staff.
- Does not produce harmful by-products or cause damage to the facility's plumbing infrastructure.

Utilizing copper silver ionization at the point of entry or hot water system will provide your facility with the least invasive, yet most effective disinfection technology available.



## Long-Term Prevention is Key!

Ongoing Water Management and Monitoring for Water Security

Once non-detectable bacteria cultures have been achieved, LiquiTech can continue to provide ongoing strategic service and support. Our comprehensive approach to water security includes water management plans, risk assessment, water analysis and testing, end-to-end disinfection solutions, system diagnostics, water monitoring, maintenance, and advanced data collection.

**Water Management Plans:** Fully compliant with ASHRAE Standard 188 and the CDC.

**Point-of-Entry Filtration:** Removes sediment, biofilm, and corrosion particulate, while improving the efficacy of disinfection system and protecting water-using equipment.

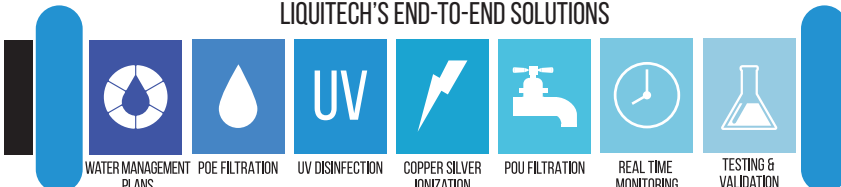
**Ultraviolet Disinfection:** Primary barrier against broad-spectrum organisms, providing the first line of defense against bacteria, viruses, and protozoa.

**Copper Silver Ionization:** Systemic protection against waterborne bacteria throughout the potable water system.

**Point-of-Use Filtration:** A final barrier of protection in critical care areas for sinks, showers and ice machines.

**Strategic Services:** Ongoing testing, validation, engineering support and 24/7 remote monitoring.

### LIQUITECH'S END-TO-END SOLUTIONS



800.635.7873 | [www.LiquiTech.com](http://www.LiquiTech.com)

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