



DON'T FORGET ABOUT
UTILITY WATER

WATER QUALITY EXPERT

BEYOND
CLEAN



Jeffrey Paquet | President & CEO
VERDA Water Quality Systems & mmic™

Beyond Clean Water Quality Expert™:

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When most infection control professionals and equipment suppliers talk about water quality, they are usually referring to requirements for purified water used for final rinses. AAMI TIR 34 refers to this as Critical Water. It is often also referred to as DI water or RO Water. Most likely the purification equipment in your department supplies you with Critical Water. However, what about all the other water you use in the department? It may surprise some of you, but it is also subject to the AAMI guidelines and is referred to as Utility Water. AAMI recognizes that this water can be as important to the effectiveness of your disinfection and sterilization processes as Critical Water. It impacts the quality of your work as well as the rate at which medical devices must be repaired and replaced due to water related corrosion and damage.

While the water that is being sent to your department may meet Utility Water quality guidelines, in many regions of the country it does not. In addition to reducing the effectiveness of your enzymes, detergents, and increasing your instrument repair costs, it can also degrade the effectiveness of the equipment that produces your Critical Water for final rinses. Typical problems will be high or low pH, high Total Organic Carbon, high conductivity, high chlorides, and water that is too hard. The only way to address these problems is to treat or purify this water before it gets consumed by your department. If your department has Utility Water that does not meet the guidelines, you should discuss this with your facilities engineers and your current water equipment supplier for options to address the problem.

Have more questions for this expert? Contact Jeffrey at jpaquet@mmicmedical.com

Beyond Clean Water Quality Expert™ Biography:

JEFFREY PAQUET

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Jeffrey Paquet is the CEO of MMIC Medical Systems and its VERDA Water Quality Systems. Mr. Paquet is an expert in Product Realization and Commercialization that stems from his career that spans nearly 30 years in various industries including Healthcare, Automotive, and Aerospace. Jeffrey has a Bachelors of Science in Aerospace Engineering from UCLA with his career focused on design, product development, and manufacturing. His experience in the Aerospace industry has driven his belief that the technology and operational systems employed to monitor processes and provide the ability for rapid response to dynamic situations have direct and valuable application in the healthcare environment.

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