



UTILITY WATER:

CASE STUDIES, VICTIM OF CIRCUMSTANCE

WATER QUALITY EXPERT

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Jeffrey Paquet | President & CEO
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Beyond Clean Water Quality Expert™:

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Most healthcare facilities don't have control over the water that is provided to them. The municipal source can make changes with respect to how they treat water, where they are getting it, or can experience technical issues that may impact the physical and chemical makeup of the water flowing to your department.

One of our current customers began seeing significant staining, discoloration, as well as particulate matter, on their processed instruments. Tray after tray began to be rejected. They called in internal and external experts to determine what was going on and how to fix it. Finally, after months, the hospital was being threatened with closure if they could not fix the problem and restart surgeries. Their existing equipment had become so contaminated that they feared processing anything in the department even with water from another source. We were able to solve their problem by bringing in our Mobile Sterile Processing System and our Water Solutions Unit that was designed to AAMI TIR 34 best practices. The department personnel moved into our mobile facility and the problem immediately disappeared.

We learned much later, the municipality had experienced a water main break and water was cut to the hospital for several days. Old pipes had a chance to dry out, and when water was reintroduced, the corroded surfaces began to dissolve. These contaminants made their way into the hospital water supply causing the issues. By introducing a comprehensive water treatment system that followed AAMI TIR34 best practices for Utility Water, we were able to hold back contaminants and provide the department with clean, compliant water while the hospital designs and builds a new department with a comprehensive water treatment system. Good contingency plans, and the correct water treatment system can address problems such as these which, unfortunately, become more prevalent as public infrastructure ages.

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

Beyond Clean Water Quality Expert™ Biography:

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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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