

St. Luke's Health System Case Study

Ensuring High-Purity, Continuous Water Supply for Healthcare Operations

At a glance

Culligan's robust and redundant water treatment system ensures that St. Luke's Health System operates with uninterrupted access to high-purity water. This solution not only safeguards patient care but also improves operational efficiency and profitability—delivering long-term value to a facility dedicated to saving lives.



CHALLENGES



In a healthcare facility where the goal is to treat illness and save lives, uninterrupted access to high-quality water is absolutely critical. St. Luke's Health System, a long-time Culligan® customer, already utilized a wide range of Culligan services including:

- **PEDI water systems**
- **Point-of-Use (POU)** drinking water systems
- **Bottled water delivery**
- **Facility-wide water treatment**

Additionally, Culligan had an agreement in place to provide emergency drinking water should the need arise.

To support a hospital environment, the system had to deliver continuous uptime and reliable performance—especially in emergencies—necessitating a design with built-in redundancy and around-the-clock support from Culligan.

SOLUTIONS



Culligan implemented a comprehensive water treatment system specifically designed for the medical facility's needs, combining softening, purification, and pressure control:

- **Duplex Alternating CSM 600-2CD ASME Water Softeners** for full-line facility softening
- **HE Auto Carbon Filter** to remove chlorine before RO treatment
- **Culligan G2-2 Reverse Osmosis System** for high-purity water
- **Two 210-Gallon Cone Bottom Atmospheric Tanks** to store RO water
- **Two Stainless Steel Multi-Stage Vertical Goulds Pumps** controlled via independent variable speed drives for efficient repressurization

Equipment Installed:

- **Culligan Side Mount (CSM™) Heavy Duty 422 R Triplex Carbon Filtration System**
- **1 Micron Final Filter**

Superior service with every order.

Every customer is important. And every customer is different. With a partner like Culligan® Commercial, you can expect a water treatment plan as original as you are. And like you and your business, we pride ourselves on supporting our solutions with ongoing expert service.

RESULTS



With the Culligan system in place, St. Luke's achieved several operational and financial benefits:

- **Extended Equipment Life:** Consistent high-quality water minimizes wear on essential hospital systems.
- **Operational Savings:** Lower boiler blowdown, reduced chemical usage, and fewer maintenance issues result in significant cost reductions.
- **Process Efficiency:** The production of high-purity water reduces the need for re-washing and re-sterilizing critical surgical equipment.
- **Improved Patient Care:** With less equipment downtime, more patients can be treated, helping to increase overall hospital productivity.
- **Emergency Readiness:** The redundant system design and 24/7 Culligan support ensure continuous uptime, even in urgent scenarios.



THE RESULTS:



Extended
Equipment Life



Operational
Savings



Improved Patient
Care



Emergency
Readiness

THE CULLIGAN ADVANTAGE



1

Industry-Leading Technology

Products with patented technology, designed to outperform the competition.

2

Expert Trained Technicians

In-house, expertly trained service technicians with years of experience with these systems.

3

Certified Quality

Regularly scheduled water quality and system performance checks ensuring water quality meets the EPA, FDA, USDA and state guidelines.

4

The Culligan Guarantee

Trusted name for clear, clean and delicious water that customers depend on, appreciate and even avidly promote due to their overall satisfaction.



For over 80 years, Culligan® has made better water. Our global network, comprised of 800+ dealers and international licensees in over 90 countries, is dedicated to addressing your water-related problems. As a worldwide leader in water treatment, our sales representatives and service technicians are familiar with the local water conditions in your area. Being global and local position us to deliver customized solutions to commercial and industrial water issues that affect your business and your bottom line.