



Water Treatment Applications:

- HIGH PURITY WATER FOR INGREDIENT, BEVERAGE AND FLUID MIXING (INORGANIC & ORGANIC)
- PROCESS/INGREDIENT WATER
- UTILITY WATER FOR PRODUCTION
- BOILER FEED WATER MAKE-UP
- PRE-TREATMENT TO PROTECT EQUIPMENT / EXTEND LIFESPAN
- WASTEWATER MINIMIZATION
- CLEAN IN PLACE
- SANITIZATION

Industrial Food & Beverage Solutions

Value every drop of water with a cost effective water treatment solution.

Water is a precious resource. From start to finish it is important for profitability to use ingredient, process, and utility water wisely in food and beverage manufacturing. For instance, complete removal of certain organic and inorganic matter is critical to process waters that have validated QA/QC requirements. Culligan® Industrial Solutions can help food and beverage manufacturers attain maximum return on investment (ROI), by ensuring specific contaminants are removed efficiently, minimizing waste in the first place, improving the performance of their equipment, reducing maintenance costs and improving operational efficiency.

MEET AND EXCEED SPECIFIC QUALITY REQUIREMENTS.

Accelerated ROI - Consistency of water quality in food and beverage production means better yields, improved product quality and less waste resulting in faster revenue capture.

Flexibility - Culligan® Industrial Solutions feature modular technologies that can be readily "mixed and matched", to ensure that the right contaminants are removed and the correct water quality is achieved.

Reduce wastewater - The superior membrane technologies and ion exchange systems of the Culligan® Industrial Solutions can reduce wastewater discharge. These processes may aid food and beverage manufacturers in meeting both local regulations and strict EPA regulations.

Advanced Electronic Capabilities - The most advanced water treatment system features historical operating data logging, remote monitoring, and telemetry as a standard option at a very cost effective price. Additionally, there are full PLC capabilities available from Culligan® Industrial Solutions based on the integration requirements of the client.



END-TO-END SOLUTIONS.

We ask the right questions so you get the right solution.

Our consultative approach begins with a Culligan® professional working with you to identify your specific water quality needs. By understanding these needs we can customize a system that gives you everything you require and nothing you don't – saving you money and helping you increase your return on investment (ROI). At Culligan®, we take pride in working closely with our customers so we can provide comprehensive industrial water treatment solutions.

WATER TREATMENT SOLUTIONS FOR THE FOOD AND BEVERAGE INDUSTRY.

High purity water for ingredient, beverage and fluid mixing

Food and beverage manufacturers require high purity water for ingredient, beverage and fluid mixing applications. Furthermore, the water treatment system has to be reliable to maintain QC standards and ensure consistent production. Culligan® exclusive advanced electronics, including alarm recognitions, historical operating data logging, remote monitoring and telemetry options, can help avert system failures and therefore help our food and beverage clients maintain consistent production and reduce business risk.

Process and utility water treatment

In food and beverage production, treating process and utility water can lead to significant cost savings and accelerated revenue capture. For instance, treating boiler feed water make-up with a reverse osmosis system from the Culligan® Industrial Solutions arsenal can reduce dissolved solids. This will enable the boiler to operate at more cycles of concentration, thus reducing the blow down and make up water requirements. Reduced make-up and blow down results in direct energy and chemical savings. Other technologies in the Culligan® Industrial Solutions that could be used to treat process water include softening, microfiltration, ultra-filtration, nano-filtration, portable exchange deionization and continuous electro deionization.

Wastewater minimization and resource sustainability

Our food and beverage prospects and customers tell us that in today's business climate it just not about making high quality water that meets their process needs but they must consider resource sustainability. For instance, Culligan® was tapped by Cadbury Adams in Rockford, Illinois to design a water treatment solution incorporating the company's sustainability goals. Culligan® proposed a brine reclaim system that saved the company approximately 221,000 lbs of salt and reduced discharge by 490,000 gallons of water, through a nine month period. With our comprehensive discovery process and consultative approach, we can design a solution that meets your overall onsite water management and wastewater minimization needs.

"Today's food and beverage manufacturers require end-to-end water treatment systems that are delivered faster, better and less expensive. Culligan® Industrial Solutions deliver on all three with a single-source, comprehensive technology platform that addresses a complete range of water treatment applications."



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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.

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