

U.S. Water Treatment As A Service Market Size, Share & Trends Analysis Report By End Use (Residential, Commercial), By Technology (Water Softeners, Filtration Systems), By Model, By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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U.S. Water Treatment As A Service Market Growth & Trends

The U.S. water treatment as a service market size is anticipated to reach USD 176.1 million by 2030, exhibiting a CAGR of 14.7% during the forecast period, according to a new report by Grand View Research, Inc. The increase in water pollution caused by organic waste is primarily due to increased agricultural activities, livestock farming, industrial and municipal wastewater discharge, and reduced river dilution capacity. These factors are anticipated to propel the demand for water treatment as a service market in the U.S.

According to the UN World Water Development report, heavy metals, pesticides, fertilizers, pathogens, organic waste, and other emerging pollutants are contaminating freshwater resources. The increase in water pollution caused by organic waste is primarily due to increased agricultural activities, livestock farming, industrial and municipal wastewater discharge, and reduced river dilution capacity. These factors are anticipated to propel the demand for water treatment services.

Further, the complexity and diversity of pollutants, coupled with the need for continuous monitoring and upgrading the treatment technologies, make outsourcing water treatment services an attractive option. This has led to the emergence of a robust

market for water treatment as a service, where companies offer comprehensive solutions, including treatment plant management, maintenance, and compliance monitoring, allowing clients to address pollution challenges while focusing on their core operations.

The surge in urbanization is particularly pronounced in emerging economies, where constraints on natural resources contribute to water stress. Cities have a substantial impact on the water cycle and groundwater tables, primarily due to significant extraction of water from both groundwater and surface water sources. This exacerbates challenges related to replenishing groundwater levels, heightens the risk of flooding, and leads to water body pollution through the leaching of wastewater. The expanding urban population is expected to further contribute to the degradation of water bodies, consequently fueling the demand for water treatment systems, which is further expected to propel the water treatment as a service market.

Moreover, cost-effectiveness is another factor propelling the demand for water treatment as a service in the U.S. Rather than investing in the construction and maintenance of in-house facilities, cities find outsourcing to be a more economical option, allowing them to allocate resources strategically. For instance, U.S. Water Services Corporation provides a wide range of water treatment services tailored to meet the diverse needs of its clients. From advanced water purification technologies to customized solutions for specific industries, the company is dedicated to ensuring the delivery of safe and compliant water for various applications.

Seven Seas Water Group, Waterleau USA, Quench USA, Inc., OriginClear, Aquatech International LLC, and Bawat Water Technologies AB are major players in the U.S. water treatment as a service market. Strategies adopted by these companies usually include expansion of their service network, mergers & acquisitions, and new scheme launches. For instance, in November 2023, Aquatech International LLC launched three robust cutting-edge membrane technologies.

U.S. Water Treatment As A Service Market Report Highlights

In 2023, the commercial end-use segment dominated the market, accounting for 66.4% of the total revenue share. Commercial entities often require sophisticated water treatment systems to meet specific quality standards and regulatory requirements. Implementing and managing these systems can be a complex process that requires technical expertise. Water as a service provider such as Oneka Technologies, Clearford, etc., carry out the installation,

operation, and maintenance of these systems, thereby reducing the burden of these activities on commercial businesses.

The filtration systems segment dominated the market. As filtration systems with remote monitoring capabilities offer significant benefits by enabling real-time supervision and control of water treatment processes. Remote monitoring allows operators to assess the performance of filtration systems, track key metrics, and promptly detect any anomalies or inefficiencies.

RO systems segment is expected to show lucrative growth over the forecast period, owing to its ability to get rid of numerous types of suspended or dissolved bacterial and amoebic particles present in the water. Reverse osmosis systems drive the demand for water treatment as a service by providing a highly effective method of purifying water.

The pay-as-you-go model is likely to dominate the market in 2023 and is anticipated to witness the highest CAGR over the forecast period. This model has gained widespread adoption in residential and commercial communities by substituting substantial initial expenses with a payment structure based on usage. The capability to pay solely for consumed services renders advanced water treatment systems financially viable for a broader array of businesses.

In June 2023, Quench USA, Inc. acquired Pure Beverage Systems Inc., an important dealer of Wellsys-branded bottleless water coolers & ice cream machines situated in Rhode Island. This acquisition is anticipated to help the company to develop its market in Rhode Island.

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