

# **U.S. Wastewater Secondary Treatment Equipment Market Size, Share & Trends Analysis Report By Equipment (PF, MBR, MBBR, SBR, IFAS), By Application, And Segment Forecast, 2020 - 2027**

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## **Abstracts**

### **U.S. Wastewater Secondary Treatment Equipment Market Growth & Trends**

The U.S. wastewater secondary treatment equipment market size is expected to reach USD 2.1 billion by 2027, according to a new report by Grand View Research, Inc. It is projected to register a CAGR of 2.8% during the forecast period. Rising demand for wastewater treatment plants owing to increasing number of new users getting connected to centralized treatment systems is expected to translate into upgradation of existing treatment facilities or construction of new wastewater treatment facilities.

A positive government outlook with respect to funding coupled with stringent regulations and standards for wastewater treatment for both municipal and industrial sectors is expected to drive the market over the forecast period. Wastewater secondary treatment equipment such as the Membrane Bioreactor (MBR) provides more effective removal of suspended and organic solids as it integrates the membrane filtration process with the conventional activated sludge process thereby offering advanced level filtration coupled with high-quality effluent.

Packaged MBR systems are becoming increasingly popular as they offer several benefits including small footprint, less installation and commissioning time, and reduced construction labor and engineering. In addition, these systems can be designed & assembled as per the customer specific requirements as well as the space available for installation. Factors such as population growth and ongoing new housing developments are expected to drive the need for either new capacity construction or existing capacity

expansion of municipal wastewater treatment plants which in turn is anticipated to drive the demand in the municipal application segment.

## U.S. Wastewater Secondary Treatment Equipment Market Report Highlights

The Sequencing Batch Reactor (SBR) segment is projected to expand at a CAGR of 3.5% from 2020 to 2027 owing to its advantages in terms of operational flexibility and control coupled with suitability for applications with limited space availability

The Moving Bed Biofilm Reactor (MBBR) segment is expected to witness substantial growth as they employ biofilm carriers that offer increased surface area for the microorganisms to grow thereby reducing the overall footprint of the system

The wastewater secondary treatment equipment demand in the industrial application segment accounted for a share of 38.3% in terms of revenue in 2019, owing to stringent effluent discharge regulations coupled with rising investments in various industrial sectors

Market participants are investing in R&D in order to develop highly efficient products that cater to the changing technological requirements from various end-use industries especially the ones with high wastewater volume

For instance, in September 2018, Smith & Loveless launched a new design of its TITAN MBR that comprises of smart automation, touchscreen PLC controls, robust construction, and minimal O&M requirements

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