



## Planning Ahead with Spiral Water Technologies Filtration Systems

With winter slowly releasing its grip, it's a good time to look ahead and shine the light on Spiral Water's advanced automatic filtration solutions.

Our advanced filtration systems address multiple industries' need for powerful—and proven—solutions for wastewater disposal, water reuse and recycling, and recovery of valuable product from non-hazardous wastewater streams, and more.



### Spiral Water's solutions:

**Remove high total suspended solids (TSS) removal over 500 ppm.** This is in sharp contrast with other automatic self-cleaning filters that cannot handle high solids loading above 500 ppm, thus making them operationally troublesome and insufficient for many industrial applications.

**Deliver 99% water recovery in just 1 pass.**

**Eliminate the need for traditional solutions** that are labor intensive, waste large volumes of water, require larger footprints and expensive human resources, often result in equipment redundancy, and create unfavorable environmental impacts.

**Are ideal for food & beverage, biogas/RNG, wastewater treatment, and much more.**

**Come in three high performance product lines** for advanced high solids filtration and concentration applications:

- Model 850 Solids Concentrating Automatic Filters
- Series 1000 for medium to high flow, high-pressure applications
- HSWR Systems for complete water recovery and filtration

[Learn More](#)



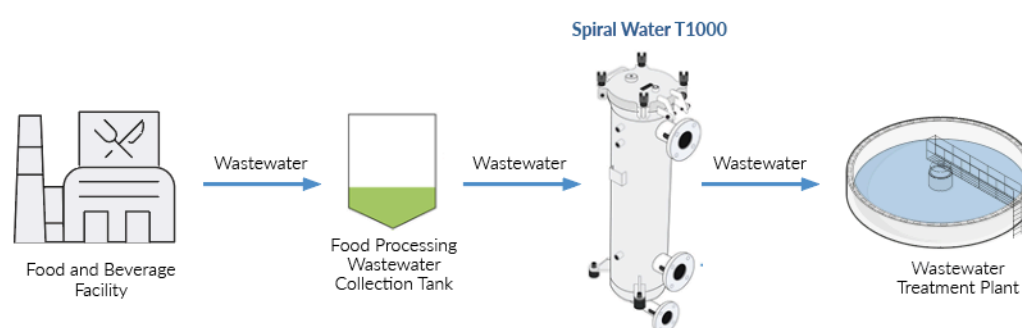
## Making a Splash at the 2026 California Food Processing Expo

Our team traveled to Sacramento, California where we showcased our high-performance T-1000 automatic self-cleaning filters. Here's a list of features that make the T-1000 a technology of choice for companies around the country:

- The T-1000 is engineered for medium to high flow, high pressure, high temperature applications and liquid/solids separation.
- These reliable filters are proven in industrial use to remove ultra-high and variable total suspended solids from a fluid stream.
- Made with stainless steel to ensure optimal durability, T-1000 filters are specifically engineered to remove high total suspended solids/biochemical oxygen demand (TSS/BOD) from fluid streams.
- They can handle high TSS loading exceeding 500 ppm as well as remove bulk solids up to 15,000 mg/l while providing continuous filtration for particle sizes between 15 and 1,500 microns.
- In a single pass, they can filter up to 50 times dirtier water with significantly less energy and a smaller footprint compared to large capital equipment.

## Applications Focus

***Beginning with this issue, we'll explore a series of core value applications, starting with a look at Reducing TSS/BOD Wastewater Discharge & Service Charges.***



Spiral Water's proven water & wastewater filtration systems help companies realize substantial savings by significantly reducing TSS/BOD wastewater discharge service charges. Not only do our filters mitigate the need for expensive water hauling and disposal—they also increase plant uptime by providing continuous high-solids removal at lower micron levels without plugging.

**Municipal TSS/BOD wastewater service charges are rising, for example:**

- TSS surcharges: \$0.40–\$1.20 per lb.
- Typical 100,000 gpd plant saves: \$8k–\$18k/month

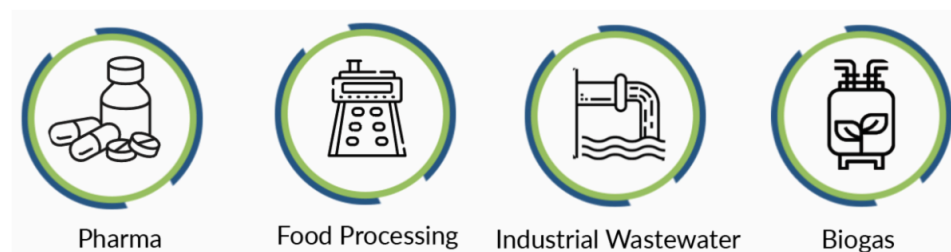
**This forces industrial facilities to reduce OpEx costs:**

- Look for investment that increases uptime
- Look for a simple add-on solution vs. a complicated approach
- Measure ROI in months

**Spiral Water automatic TSS reduction systems help by:**

- Automatically removing solids 10–25  $\mu\text{m}$
- Lowering TSS, which also reduces a significant percent of BOD
- Immediately seeing a reduction in municipal fees
- Providing a compact footprint for easy retrofit

**Core applications include:**



“Our mission is to provide customers with powerful, best-in-class products engineered specifically to solve high solids filtration challenges. Spiral Water provides proven, compact packaged filtration and concentration solutions not previously available to industry. We are 100% committed to our partners, and together we are helping customers around the world meet their most challenging high solids water reuse and recovery goals.”

Spiral Water Technologies | [732-629-7553](tel:732-629-7553) | [info@spiralwater.com](mailto:info@spiralwater.com) | [spiralwater.com](http://spiralwater.com)



Spiral Water Technologies, Inc | 200 Pond Avenue | Middlesex, NJ 08846 US

[Unsubscribe](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!