



Jump-starting 2026 at the California Food Processing Expo!

The new year is well underway, with business ramping up and trade shows opening around the country. This week, we will be exhibiting at the 2026 California Food Processing Expo, one of the nation's largest events that brings together the global processing industry from food processors to growers, suppliers, government officials, associations and educational institutions. It takes place February 4 & 5 at the Safe Credit Union Convention Center in Sacramento, California. If you're planning to attend, we invite you to visit us at Booth # 217, where we'll be showcasing our high-performance T-1000 automatic self-cleaning filters.



Spiral Water's T-1000 Filter will take center stage at our booth. These advanced 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 all while providing continuous filtration for particle sizes between 15 and 1,500 microns. In a single pass, these filters are capable of filtering up to 50 times dirtier water with significantly less energy and a smaller footprint compared to large capital equipment. [See this high performance filter in action.](#)

Spiral Water will be exhibiting at other upcoming events including:

- **NJFPA Annual Conference** (New Jersey Food Processors Association), March 5–6, 2026, at Harrah's Resort in Atlantic City, New Jersey. This major industry event will feature two days of networking, panels, and insights regarding food safety, labeling compliance, and emerging regulations.
- **WEFTEC 2026, 99th Annual Technical Exhibition & Conference**, Ernest N. Morial Convention Center, New Orleans, Louisiana
Conference: Sept. 26-30, 2026 | Exhibition: Sept. 28-30, 2026



Case Study: Reducing Chemical Costs and Increasing System Uptime

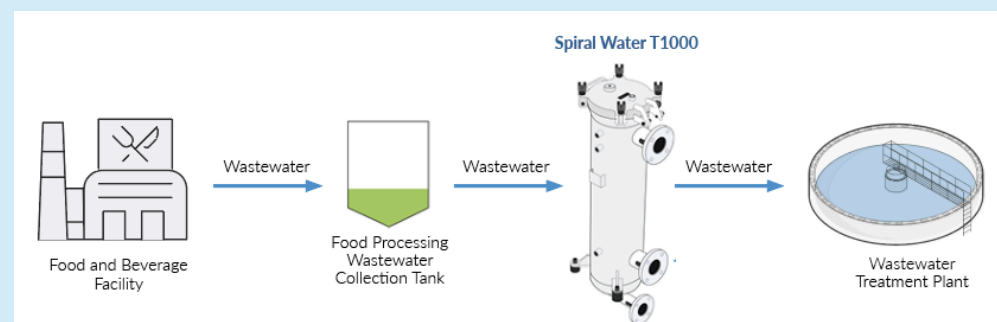
Spiral Water's proven high-performance T-1000 filter system not only helps reduce costs; it also provides security for process systems that require finer than 50 µm filtration that are also affected by variable TSS and high solids

loading. It can also manage TSS above 500+ ppm, unlike other “self-cleaning backwash filters.”

[Learn how](#) our Series 1000 system helped a fruit and vegetables processor reduce chemical costs and increase system uptime. This customer was able to lower their chemical usage by approximately 30% and reduce their chemical cost by about 60%.

How SWT Systems Reduce TSS/BOD

Spiral Water’s proven water & wastewater filtration systems help companies realize significant 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.



[Learn More](#)

10 Reasons to Choose Spiral Water Filters

Here are 10 reasons why Spiral Water's innovative filters and control systems are different and so effective in providing end-users with exceptional performance and peace of mind:

- Engineered with our patented technology, our automated filtration systems provide security for process systems that require finer than 50 µm filtration and are also affected by variable TSS and high solids loading (i.e., unexpected increases in normal TSS solids caused by storms and/or system upsets).
- Our ability to manage TSS above 500+ ppm differentiates us from other “self-cleaning backwash filters” on the market.
- Our patented internal mechanical cleaning mechanism spins off tip vortices, creating a unique hydrodynamic agitation that more effectively keeps the filter clean while maintaining a constant differential pressure across the filter. This keeps our filters online and working when other filters would overload and fail.
- In addition, Spiral Water filters automatically manage upset conditions as high as 10,000 ppm without the need of operator assistance. In multi-filter processes, Spiral Water Filter Systems provide the best first line of defense.
- They provide separation from 10 micron to 4mm as well as continual process filtration even during cleaning.
- Smart System controls provide hands-off variable TSS loading. Less labor translates into lower OpEx.
- Our systems require just a small footprint, are simple to maintain, and are modular and scalable—while providing 10 to 1000 micron filtration.
- Spiral Water's technology sends 90% less water to waste discharge than backwash screen and sand/multimedia filters.
- Our filters operate effortlessly at low system pressures as low as 10 psig - no pulsing. Compare this with backwash filters, which need 30 psi+.

- We offer engineering services for customized solutions to exactly meet the customer's needs.

Contact Spiral Water at 732-629-5553 or info@spiralwater.com to learn more about why our filters are the most reliable automatic filters for TSS over 200 ppm on the market today!

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