



Shining the Spotlight on Spiral Water's Industrial Wastewater System Integration Services

Spiral Water Technologies is known for its high-performance automatic self-cleaning filtration technology for demanding high-solids filtration and concentration applications. For example, our solutions include standalone products such as our [Series 1000](#) and [Model 850](#) automatic self-cleaning filters.

But our capabilities extend well beyond standalone filtration. As we count down the days to this year's WEFTEC, it's a great time to highlight Spiral Water's ability to design and engineer complete, customized filtration systems built around the specific requirements of an application.

While Spiral Water's self-cleaning filters are designed for seamless integration into existing processes and treatment systems, our engineering team can also develop fully integrated solutions incorporating our filtration technology, controls and other system components.

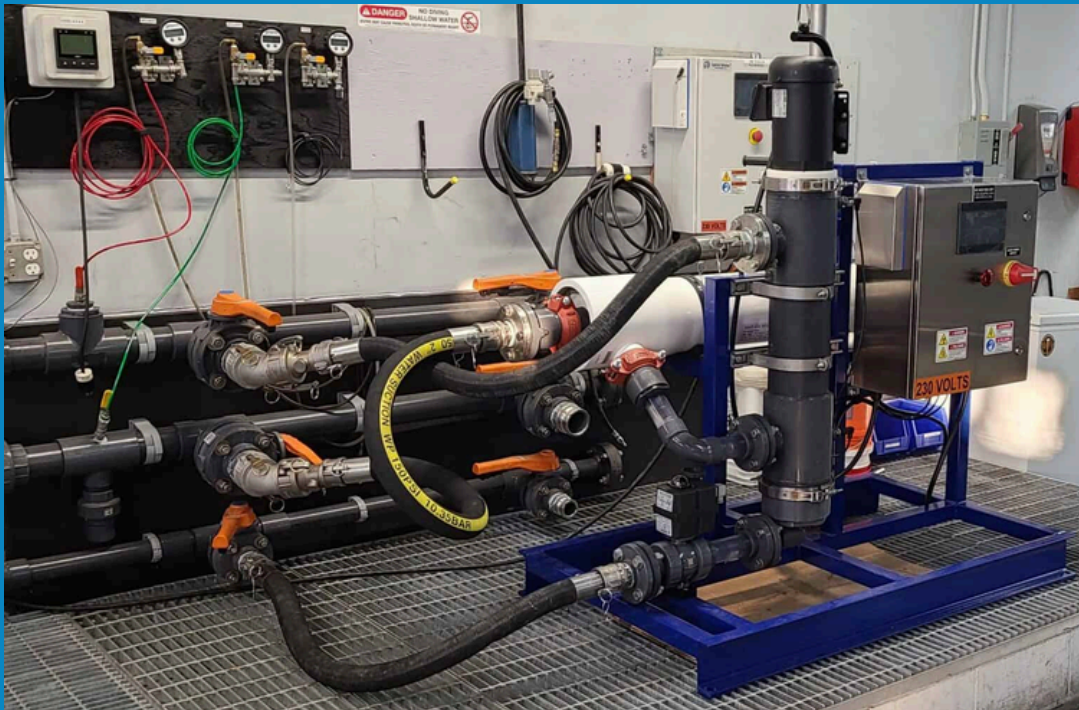
For example, our [High Solids Water Recovery \(HSWR\) System](#) incorporates Series 1000 self-cleaning filters and is designed to handle high-solids process water with TSS concentrations greater than 15,000 ppm.

Another example is our [Pre-RO System](#), which incorporates Model 850 automatic self-cleaning filters capable of handling upset conditions up to 2,000 ppm without operator assistance.



Spiral Water can also customize control systems to meet a customer's specific requirements or integrate with an existing control matrix. Depending on the complexity of the application, our engineering team can support the project from initial concept and system design through manufacturing, commissioning and operation.

The Benefits of an Integrated Spiral Water Solution



Integrating Spiral Water's [automatic self-cleaning filters](#) into a new or existing system can provide a range of operational and economic benefits:

- **Lower operating costs.** Our automatic self-cleaning filtration eliminates the need for disposable filter media while reducing the labor associated with manual cleaning and filter replacement.
- **Reduced maintenance and downtime.** Spiral Water filters clean themselves while operating, helping maintain continuous filtration without taking the system offline for routine cleaning.
- **Straightforward integration.** Our filters can be incorporated into existing facilities and treatment systems, providing an efficient way to add high-solids filtration without unnecessarily redesigning the entire process.
- **Customized system design.** Spiral Water's engineering team can become involved at the concept stage to develop a solution around the customer's process requirements. CAD modeling can also be used to evaluate how equipment will fit within an existing system or facility before installation.

- **Broad application versatility.** Spiral Water technology can be applied across a wide range of industrial and water treatment applications, including RNG/biogas, food and beverage processing, aquaculture, oil and gas, industrial wastewater, water recovery and reuse, and other high-solids applications.
- **Professional engineering expertise.** Spiral Water has Professional Engineers (P.E.s) on staff with experience in system design, manufacturing, commissioning and operations.
- **Turnkey systems integration.** Our engineering team can support early-stage concept development and system integration, helping customers move from a filtration challenge to a complete engineered solution.
- **Solutions designed around your process.** Rather than force-fitting a standard commercial filter into an application, Spiral Water can customize equipment and system configurations around specific process, performance and facility requirements.
- **Solutions for demanding industrial applications.** Our systems can address high-solids process streams and wastewater challenges while supporting water recovery, reuse and improved process efficiency.

At Spiral Water, we understand that every filtration challenge is different. That's why we work closely with customers to develop solutions around their specific process conditions, facility constraints and performance objectives. Whether you need a standalone automatic self-cleaning filter or a complete integrated filtration system, Spiral Water can provide an engineered solution designed to meet the demands of your application.

See Us at WEFTEC 2026

Join us at WEFTEC 2026, Booth #8654, September 28–30 at the Ernest N. Morial Convention Center in New Orleans! We'll be showcasing our high performance T-1000 automatic self-cleaning filter at the show. We invite you to learn about our Advanced Automatic Self-Cleaning Filtration Solutions that are designed for industrial use to remove ultra-high and variable total suspended solids (TSS) from a fluid stream.

We hope to see you at the show!

Spiral Water Model T1000 – A Unique High Solids Water Treatment Solution



[Watch the Video Now](#)

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