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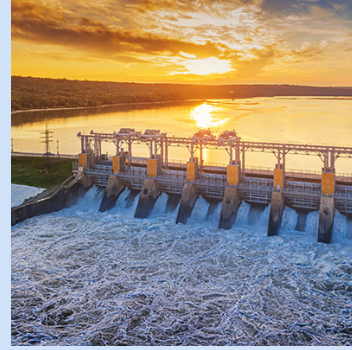
Spiral Water HSWR Systems: Offering Customizable Solutions for Industrial Water Filtration

Did you know that Spiral Water provides proven industrial water filtration systems that can be customized to your specific needs?

Incorporating our patented automatic self-cleaning filters, our High Solids Water Recovery (HSWR) Industrial Filtration Systems offer numerous benefits for critical applications. You can choose a turnkey design, or our engineering team will work with you to create a custom process water prefilter system to accommodate your individual project needs.



All SWT filters provide continuous 15 to 1,500-micron filtration and can remove high levels of Total Suspended Solids (TSS) – up to 15,000 mg/l. In doing so, the SWT filter also drags a percentage of Biological Oxygen Demand (BOD) with the TSS removal. Our filters can be used for fluid reclamation, prefiltration, or primary filtration. With our patented purge technology, you can also concentrate solids to reduce waste volume or for resale.



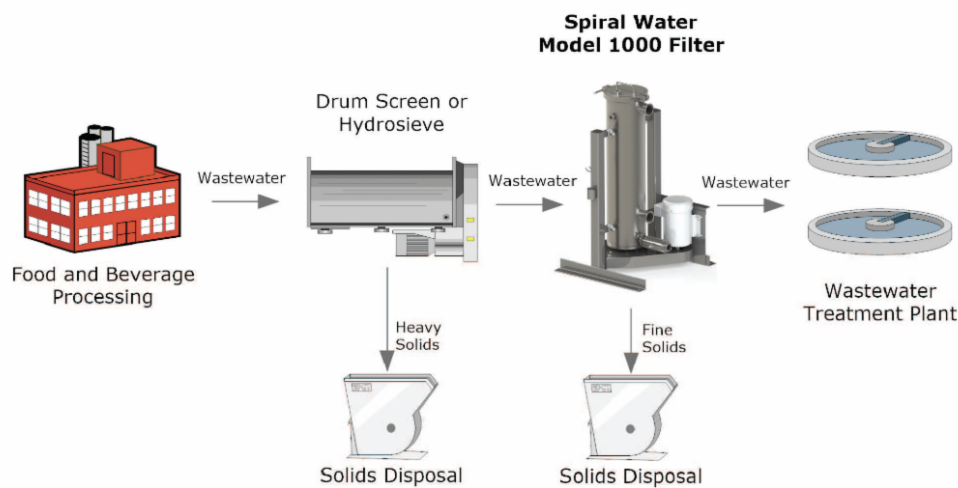
Applications for our HSWR systems include:

- Industrial and organic wastewater treatment – SWT products can remove 50%+ of sediments above 20 microns from industrial discharges to rivers and streams
- Pretreatment for MF/UF/RO
- Food & beverage processing and wastewater reduction – applications range from food processing waste streams to juice filtration, TSS removal in brewery wastewater, and more
- Power generation and hydro power – treating natural water for use in cooling systems; **the filters can handle variable upset periods such as storms, algae blooms, etc.**
- Indoor agriculture and vertical farming
- Farm waste (both pre- and post-digestate) recovery and reuse

Output water from our HSWR Industrial Filtration Systems can either temporarily transfer to a holding tank for use in other plant processes or go to municipalities. Food processing, for example, may use the recovered organic matter in secondary markets.

[Click here](#) to learn more about HSWR Industrial Water Filtration Systems or call us at 732-629-7553 to speak with one of our technical representatives today!

Pretreatment to Remove TSS and BOD in Food & Beverage Wastewater



Wastewater generated by the food & beverage industry presents special challenges to wastewater treatment plants. The high levels of TSS, BOD, and fats, oils and grease are costly to treat. And while pretreatment to remove TSS and BOD can reduce overall treatment costs to the food processing plant, the ability to perform treatment at these facilities has been limited due to the difficulty of reducing TSS and BOD in a small footprint and at a low cost.

Learn how companies like [Del Rey Packing Co.](#), a manufacturer and package of high quality raisins for distribution around the world, have taken advantage of SWT's advanced automatic self-cleaning filters to overcome these challenges.

The Spiral Water Difference

Spiral Water products are delivering breakthrough performance in some of today's most demanding applications, from water reuse and recovery to pre-filtration for DAF, MBR and RO/UF to industrial water filtration and concentration of valuable or resalable product from non-hazardous wastewater.

One reason is that our advanced automatic self-cleaning filters are engineered for high wastewater TSS/BOD removal. They process bulk solids removal up to 15,000 mg/l TSS (15% by volume) by providing continuous 15 to 1500 micron filtration. And another benefit is that our proprietary one-pass filtration technology eliminates backwash or cross-flow, saving time and money.

In addition, our one-pass filtration process automatically collects, concentrates and purges solids. It also optimizes solids management and product recovery, reclaiming concentrated solids, reducing process fluid waste, and enhancing resale potential.

Download our [White Paper](#), Advanced Filtration Approach for Treating High Solids Wastewater, to learn more!

We are here to help you



Get your free filtration audit. Simply download and fill out our Application Data Sheet and email it to info@spiralwater.com

[Download Application](#)

Call us at 732-629-7553 to speak with one of our technical representatives to discuss your project or learn more about Spiral Water's next generation filters.

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