

Flottweg Sludge Dewatering and Thickening Decaners Showcased at WaterJAM 2024

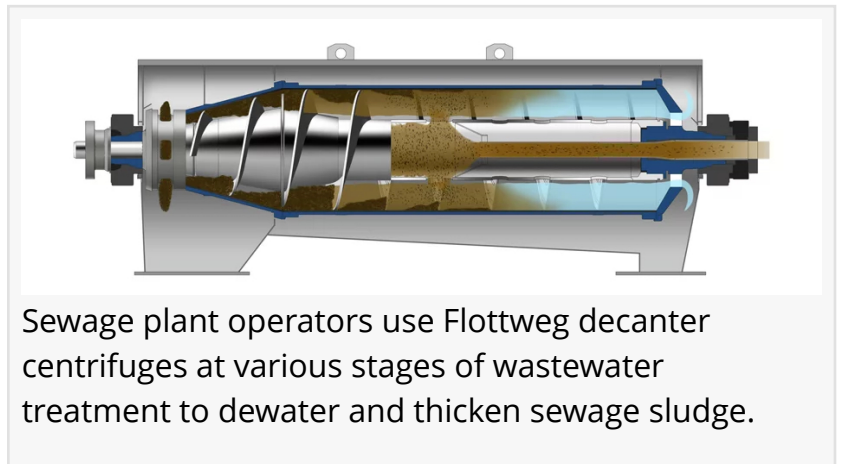
Flottweg to demonstrate its innovative centrifuge designed for its efficient dewatering rate that leads to considerable savings in transport and disposal costs.

VIRGINIA BEACH, VIRGINIA, UNITED STATES, September 4, 2024

[/EINPresswire.com/](#) -- [Flottweg, a leader in sludge dewatering technology](#)

, will showcase its innovative decanter centrifuges at the WaterJAM

2024 Conference, held from September 9-12, 2024, at the Virginia Beach Convention Center in Virginia Beach, Virginia.



Sewage plant operators use Flottweg decanter centrifuges at various stages of wastewater treatment to dewater and thicken sewage sludge.

Flottweg has developed a unique centrifuge concept specifically designed for the highly efficient dewatering of sewage sludge. The Flottweg Xellektor Series combines the most recent technologies and innovations for sludge dewatering.

Sewage plant operators use [Flottweg decanter centrifuges](#) at various stages of wastewater treatment to dewater and thicken sewage sludge. Sludge dewatering and thickening reduce the volume of sludge produced. After the sewage sludge is dewatered with a decanter, it can be reused or disposed of in various ways—such as agricultural use, incineration, or landfill.

Thanks to decades of experience and continuous development and innovation, Flottweg achieves an optimum dewatering rate for each type of sludge. This leads to considerable savings in transport and disposal costs.

“To transport, recycle, dispose, or incinerate dewatered sludge, it is essential that the sludge has a high dry solids content,” says Flottweg subject matter expert Michael Stone. “Further important factors are the economical use of polymers, water, and energy as well as reduced wear. All these success factors have been taken into account at Flottweg since the early 1970s.”

The result of this continuous development is the Flottweg C-series HTS Decanter®. They are used

in sludge dewatering for flow rates from 5 to 180 m³/h. Flottweg has developed a unique centrifuge concept specifically for the high-level dewatering of sewage sludge—the Flottweg Xelletor series. This centrifuge series combines the latest technologies and know-how from the field of sludge dewatering.

Flottweg's participation in the WaterJAM 2024 Conference reflects its commitment to providing innovative, [sustainable solutions for the water and wastewater industry](#). Conference attendees are invited to visit Flottweg's booth to speak with technical experts and see live demonstrations of the decanter centrifuges in action. These demonstrations will showcase how Flottweg's decanters can be tailored to meet specific sludge dewatering challenges, providing reliable performance across various sludge types.

WaterJAM is the Joint Annual Meeting of the Virginia Water Environment Association and the Virginia Section of the American Waterworks Association. WaterJAM provides numerous technical growth opportunities (including continuing education credits) covering the latest industry trends as well as a variety of social endeavors for all attendees.

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