

# Flottweg Demonstrates Sludge Dewatering and Thickening Decanters at PNCWA

*Flottweg will showcase equipment that delivers optimum dewatering rate leading to considerable savings in transport and disposal costs.*

BOISE, IDAHO, UNITED STATES, August 26, 2024 /EINPresswire.com/ -- Thanks to decades of experience and consistent further development, [Flottweg achieves an optimum dewatering rate](#) for each type of sludge. This leads to considerable savings in transport and disposal costs.

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 know-how from sludge dewatering.

Flottweg will demonstrate its expertise about [dewatering and thickening centrifuges](#) at the 90th Annual Pacific Northwest Clean Water Association Conference and Exhibition in Boise, Idaho.

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In order to transport, recycle, dispose, or incinerate dewatered sludge, it is essential that the sludge has a high dry solids content.”

*Michael Stone*



Numerous centrifuges are used worldwide in a wide variety of wastewater treatment applications in sewage treatment plants.

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.

“In order 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.

This year the PNCWA Conference is focused on cultivating resilience, whether in the workforce, planning efforts, construction projects, or designs. Resilience is enhanced and developed by drawing from many aspects that affect our industry. PNCWA encourages participation from its members, water partners and friends at other organizations, and anyone else who participates in the clean water community.

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