

Top 10 Technologies From WEFTEC 2016

By Kevin Westerling | 25-10-2016

300,000 square feet. That was the size of the tradeshow floor at the Ernest N. Morial Convention Center in New Orleans for the recent 89th Annual Water Environment Federation Technical Exhibition and Conference (WEFTEC), the world's largest annual water quality exhibition. I logged many miles and copious notes over those three days in late September, but it would be folly to suggest that I saw and considered every technology showcased (over a thousand exhibitors were on hand). Instead, here's a "best of" list from all that I came across — a snapshot of various technologies that stood out from the masses, exceptional for their level of innovation and potential for industry impact.

GasMix Anaerobic Digester Mixing System – Landia, Inc.

Sometimes innovation is hard to appreciate, and that which seems simple is actually an engineering feat. Such is the case with GasMix, the first mixing system for anaerobic digesters that is mounted on the outside of the tank. While most systems rely on hydraulic mixing that requires rotating equipment within the tank — and therefore maintenance in the tank — Landia spares the interior for more efficient gas mixing with improved cell breakdown and increased methane concentrations. Furthermore, no inside equipment means a safer environment for plant personnel who no longer have to enter the tank for maintenance. In fact, there is no need for access walkways, platforms, or joists, thereby reducing capital costs.

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