

# Landia Stainless Steel Propellers Remain Intact After 20 Years

By Editor in AD & Biogas, Bio-waste, Pumps, Valves & Actuators | 20-06-2016

## Maryland WRF shows submersible mixers offer performance longevity



In Maryland, a Water Reclamation Facility (WRF) replaced the motors of 12 Landia submersible mixers after nearly 20 years of service; however, the original stainless steel propellers are still intact and set for another lengthy spell in the plant's oxidation ditches.

"We are very proud of the Landia mixers' performance, especially to see the stainless steel propellers unworn after nearly two decades," said Landia Director Soren Rasmussen. "This is a familiar picture we see in many plants across the U.S., where reusing our mixers' original propellers represents a big saving for customers, when a plant undergoes an upgrade."

Landia is now offering an unprecedented 20-year warranty on its stainless steel propellers.

"Many wastewater treatment plants, who operate with other brands of mixers, have to change their failing, worn out propellers every few years," Rasmussen said. "But the overall cost of a mixer with our stainless steel propellers is a far more favorable economic solution—and better for the environment too."

Landia's model POPL-I mixers, which are designed to effectively agitate, homogenize and keep solids in suspension, operate at very low propeller speeds to ensure gentle treatment of activated sludge.