

TREATMENT PLANT OPERATOR

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DEDICATED TO WASTEWATER & WATER TREATMENT PROFESSIONALS

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## It Just Keeps Getting Better



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Jacob Billingsley  
Superintendent  
Glasgow, Ky.

## Cleaning system eliminates biomass, increases productivity

### Problem

Shane Donoghue, a wastewater facilities manager in a large Australian city, saw accumulation of FOG and biomass up to 4 feet deep in a month in a lift station. This required tens of thousands of dollars in maintenance, including weekly to biweekly vacuum truck service and confined-space entry to clean the well by hand. “Sometimes the FOG would build so thick, it was too great of a load for a single truck,” Donoghue says.

### Solution

Donoghue purchased the **EP-1300 conditioning and cleaning system** from **Anue Water Technologies**. The unit operates by recycling a small amount of discharged flow to create ongoing surface agitation that prevents FOG buildup and promotes aerobic activity.



### **RESULT:**

The installation immediately reduced maintenance checkups from weekly to monthly. The lift station no longer required frequent vacuuming, and confined-space entry was nearly eliminated. The unit saved \$15,000 in the first year and nearly \$22,000 in the second year on labor, vacuum truck services and landfill tipping fees. Maintenance costs declined by nearly 50 percent. **760-727-2683; [www.anuewater.com](http://www.anuewater.com)**