

Beverage Manufacturing Case Study 1

A Texas food processing plant producing sauces, dressings, and ready-to-drink beverages was incurring significant costs in wastewater surcharges due to the high soluble BOD concentrations in its wastewater. The plant was paying in excess of \$600,000 in surcharges annually.

The facility needed a more efficient onsite wastewater treatment program to reduce wastewater BOD concentrations. The plant installed eight BioAmps feeding directly into the pH neutralization tank and an adjacent lift station. The BioAmps pumped 248 trillion bacteria into the wastewater treatment system every day.

By cutting soluble BOD levels in half, the BioAmp saved the plant an average of \$175,000 in annual surcharges

Mean BOD levels were reduced by 42% and variability declined by 65%

BOD effluency levels (mg/L)

