

## Meat Processing Case Study 2

A North Carolina meat processing facility regularly struggled to keep its wastewater within municipal regulations. The facility had been in operation for over 45 years, housed over 700 employees, and produced a variety of jerky and assorted snack foods.

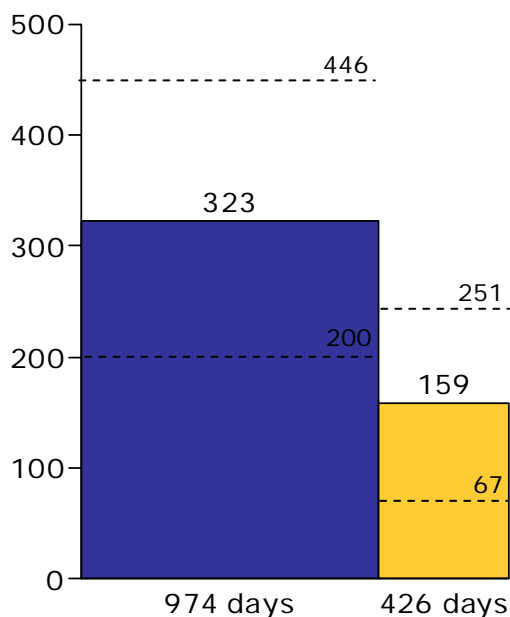
The facility needed a more efficient method to treat soluble BOD and FOG concentrations discharged in its wastewater. The plant installed four BioAmps. The BioAmps pumped 124 trillion bacteria into the wastewater treatment system every day.

**The BioAmp saved the plant \$40,000 in annual surcharges and plumbing expenses, enabling it to win the County Pretreatment Program Award for 2003**

Mean BOD levels were reduced by 51% and variability declined by 25%

Mean FOG levels were reduced by 21% and variability declined by 15%

BOD effluency levels (ppm)



■ Mean effluency levels without BioAmp

■ Mean effluency levels with BioAmp

--- One Standard Deviation

FOG effluency levels (ppm)

