

Del Real Foods Waste Reduction Case Study

ADVANCED
MICROBIAL

At a glance

The following is a case study showing the impact and cost savings from incorporating BioBlend Max in Del Real Foods food manufacturing facility.



"We haven't been able to pump down our slop tank past 90 inches in years. The way the sludge moves through our system saves us money, time, and equipment."

- Head Operator



\$105K

Annual Savings



4,000 GAL

Sludge Reduced
Per Week

CHALLENGE

Del Real Foods was producing 10,000–12,000 gallons of heavy, sludge-like waste each week, overwhelming their system and driving high disposal costs. The waste strained equipment, reduced treatment efficiency, and required costly hauling. They needed a way to reduce waste volume, liquefy solids, and restore flow without costly mechanical intervention or plant upgrades.

SOLUTION

We introduced a biological treatment program using BioBlend Max, dosed at two gallons per day with a weekly nutrient supplement. This approach targeted the solids directly—breaking them down, thinning viscosity, and improving circulation throughout their system. The solution required no equipment changes or shutdowns, allowing Del Real Foods to improve performance using their existing infrastructure.

BENEFITS

Sludge Reduction

1

Reduced waste by 4,000 gallons per week, lowering disposal volume, decreasing labor demand, and giving the facility more operating capacity.

Improved Flowability

2

Transformed sludge from solid to liquid, restoring pump performance, improving flow through the system, and reducing strain on equipment.

Massive ROI

3

Achieved a net savings of \$1,900 every week, improving operational efficiency and delivering measurable ROI.

What does this mean for you?

With the right biological program, you can reduce the volume of waste you haul, increase system efficiency, and free up capacity without new equipment. Liquefied solids move easier, protect pumps, and minimize maintenance. Most importantly, you can see measurable savings in weeks—not months—while keeping your plant running.