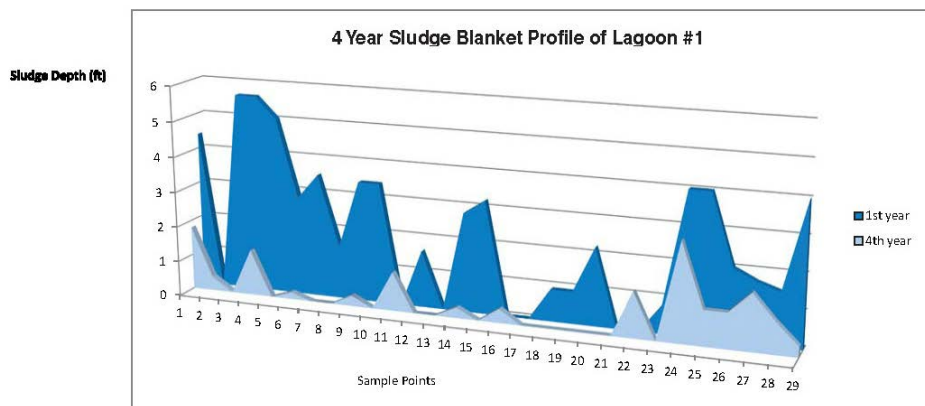
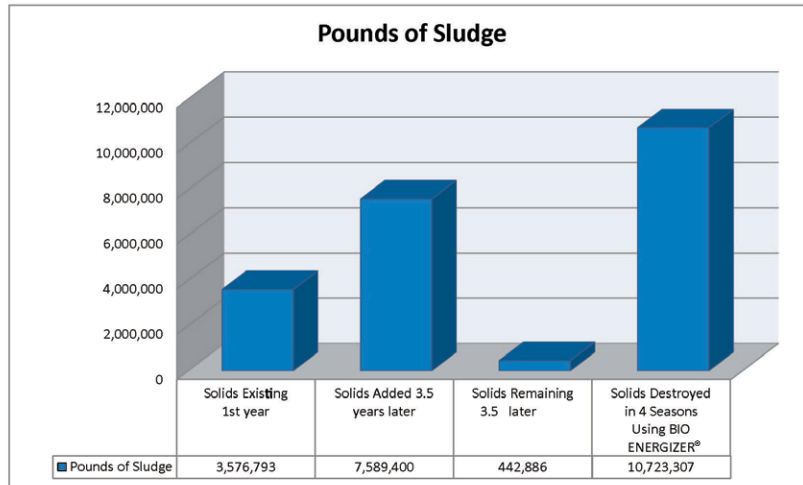


# BIO ENERGIZER® Results from a Food Processing Facility

FIELD REPORT

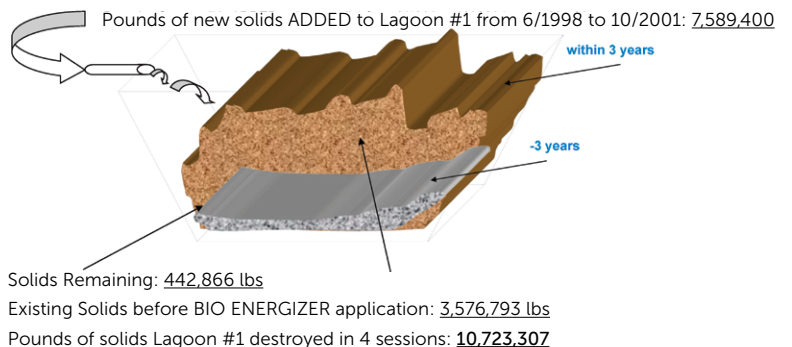
Location: Food Processing Facility in Illinois



## Solids Mass Balance

**3.5 million pounds of sludge blanket was destroyed along with the oxidation of all new solids added for 4 years**

Assumptions	
Average Daily Flow	720,000 gal
Average BOD in	6,500 mg/l
Average TSS in	2,500 mg/l
Average number of days per Pack	130
Seasons Using BIO ENERGIZER	4
Size of Lagoon # 1	11.7 acres
Average depth of sludge at start date	2.586 ft
Average depth of sludge after 4 years	.70 ft
Average Total Solids at start date	4.50%
Average Total Solids after 4 years	1.199%
Pounds of solids existing at start date	3,576,793
Pounds of solids added over 4 seasons	7,589,400
Pounds of solids remaining after 4 years	442,886



## Probiotic Solutions® Product Information

BIO ENERGIZER® is a broad-spectrum bio-activator containing over 30 essential microbial growth-promoting ingredients. By design, BIO ENERGIZER® is a balanced formulation of vitamins, trace nutrients, enzymes, organic acids, and biostimulants that motivate the existing microbial community to greater metabolic capacity and efficiency. BIO ENERGIZER® is not a bacterium nor an inoculum.

For many years, wastewater operators have continued to use BIO ENERGIZER® to cut their sludge hauling costs.

### Operators Using BIO ENERGIZER® Report:

- 1) Increases in BOD removal efficiency.** BIO ENERGIZER® improves treatment plant removal efficiency to increase plant treatment capacity and more easily meet effluent requirements.
- 2) The elimination of expensive dredging costs.** BIO ENERGIZER® converts sludge into gases and water, reducing sludge accumulations. No draining, drying, excavating, or inconvenient down time.
- 3) The reduction of odors and aeration costs.** BIO ENERGIZER® enhances aerobic and facultative biological eco-systems to reduce the production of objectionable and offensive odors. BIO ENERGIZER® also increases the dissolved oxygen levels which decreases the need for aeration.

BIO ENERGIZER® enhances endogenous respiration for faster and more complete oxidation of sludge into carbon dioxide and water.

.....



## Our Probiotic Solutions® Products

are Highly Efficient and Effective Due to Our Unique Delivery System

*Call Toll Free Today for Your Free Quote and System Evaluation.*

**1 (800) 961-1220**