



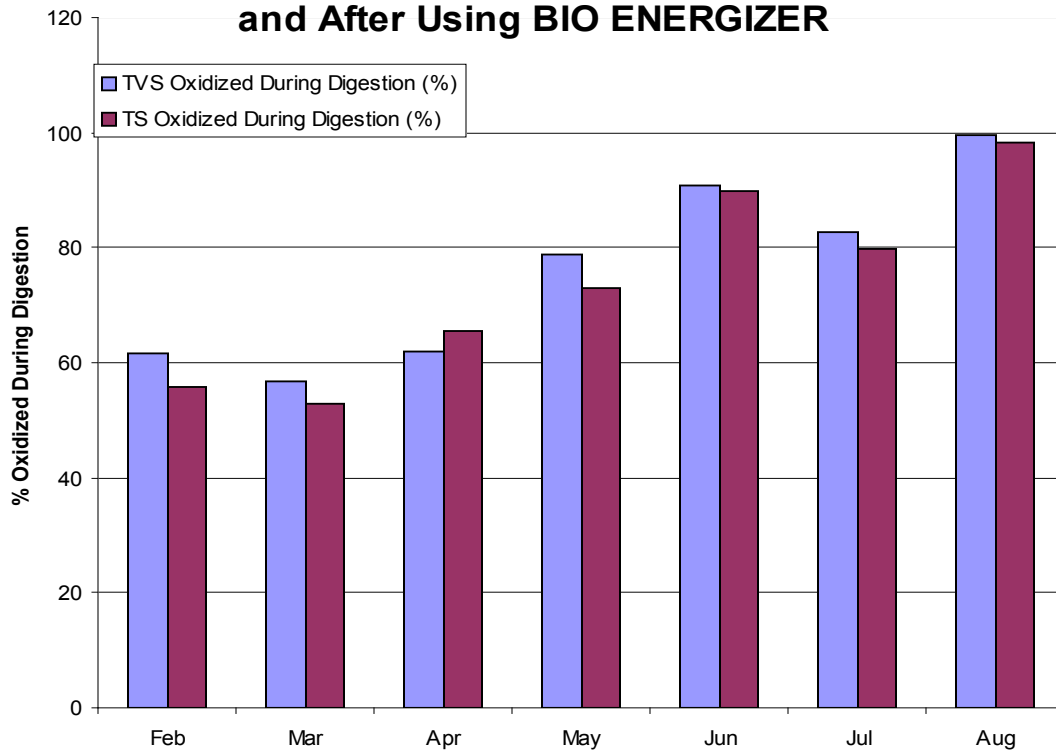
VOLATILE SOLID DESTRUCTION

A City in Indiana began using BIO ENERGIZER to increase solids destruction efficiency in their aerobic digesters.

In a three-month period BIO ENERGIZER saved the City the disposal cost associated with 78.4 dry tons of sludge. This represents a 72% cost savings in solids handling.

The City operates a 2.75 mgd trickling filter plant with primary and secondary clarification, gravity thickener, aerobic digestion and belt filter press.

Volatile Solids Destruction Efficiency Before and After Using BIO ENERGIZER



	Before BIO ENERGIZER	After BIO ENERGIZER
Total Solids Destruction (%)	61.8	89.3
Total Volatile Solids Destruction (%)	64.8	91.0
Residual Sludge (%)	38.2	10.7
Average Monthly Total Solids Pumped from Digester (lbs./Mo)	81,046	18,163
Average Monthly VS Pumped (lbs)	52,675	12,091
Average Monthly TVS Oxidized (lbs)	104,952	120,436

BIO ENERGIZER is a broad-spectrum bio-activator containing over 29 essential microbial growth-promoting factors. By design, BIO ENERGIZER is a balanced formulation of vitamins, trace nutrients, enzymes, organic acids, and bio-stimulants that motivate the existing microbial community to greater metabolic capacity and efficiency. BIO ENERGIZER is a not bacterium.

For over fifteen years wastewater operators have continued to use BIO ENERGIZER to cut their sludge hauling costs.

Operators Using BIO ENERGIZER Report:

- 1) **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.
- 2) **The reduction of odors and aeration costs.** Probiotic enhance aerobic and facultative biological eco-systems to reduce the production of objectionable and offensive odors and enhances dissolved oxygen levels.
- 3) **Increases in BOD removal efficiency.** BIO ENERGIZER improves treatment plant removal efficiency to increase plant treatment capacity and more easily meet effluent requirements.

BIO ENERGIZER enhances endogenous respiration for faster and more complete oxidation of sludge into carbon dioxide and water. BIO ENERGIZER is non-toxic, safe, and presents no danger to personnel.

Call Toll Free Today for Your Free Pond Evaluation and Sludge Removal Quote
1 (800) 961-1220 ext. 231