



Pond Sludge Reduced up to 47% using BIO ENERGIZER®

FIELD REPORT

Location: Wastewater Treatment Plant in Colorado

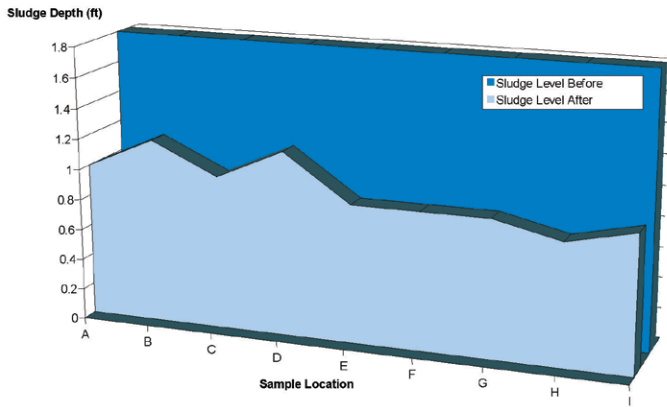
Presented below are the before and after sludge blanket profiles of ponds 1, 2, & 3 of a city in Colorado wastewater lagoon system

Situation

Using BIO ENERGIZER® is saving the City thousands of dollars in mechanical dredging, hauling, and disposal costs. Lagoon de-sludging using BIO ENERGIZER® is typically one-fifth to one-tenth of the cost of mechanical dredging and land applying or land filling sludge.

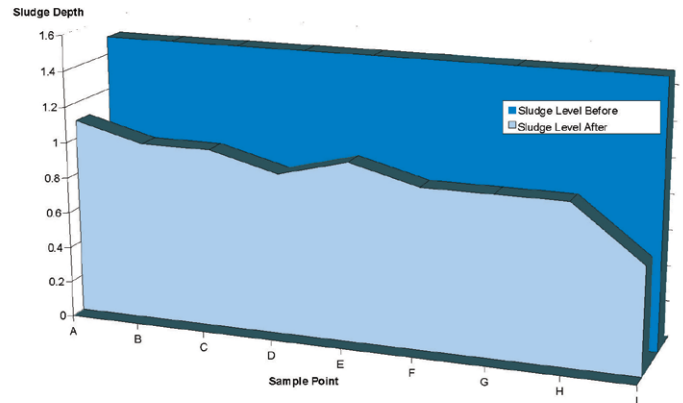
47% Overall Sludge Blanket Reduction in Pond #1

Sludge Blanket Profile of the City in Colorado Pond # 1 Before and After Adding BIO ENERGIZER®



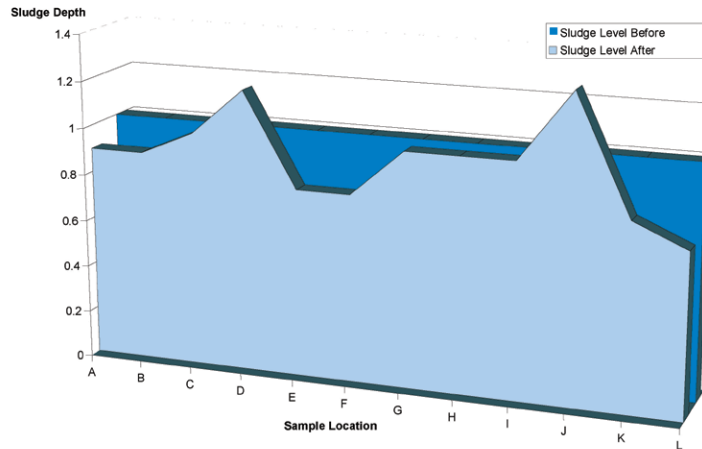
41% Overall Sludge Blanket Reduction in Pond #2

Pond # 2 Sludge Blanket Profile for City in Colorado Before and after Adding BIO ENERGIZER®



12% Overall Sludge Blanket Reduction in Pond #3

City in Colorado Pond # 3 Sludge Blanket Profile Before and After Adding BIO ENERGIZER®



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