

Need More Gas?

Then we need to talk!

Introducing

BAETM

BIOLOGICAL ACTIVITY ENHANCER

- **Increases methane production**
- **A low cost stimulant**
- **Improves the quality of sludge**
- **Proprietary organic formula**
- **Provides a great return on investment**



From the Earth... for the Earth[®]

Member of the
Water Environment
Federation

Harnessing the Power of Nature™



What is BAE?

BAE is a revolutionary proprietary organic formula that increases microbial population and maximizes their activity. This unique product is derived from highly humified peat sources and blended through a patented stabilization and extraction process.

BAE is a Green Energy product that contributes to environmental stewardship by providing renewable energy and reducing your facility's carbon footprint. This formula inhibits the negative impact of toxic elements and triggers a metabolic reaction among the existing microbial population. As a result of this reaction, the natural process of methane gas production is enhanced.

BAE is used successfully in Municipal, Commercial and Agricultural Anaerobic Digesters.

A Rewarding Return On Investment

BAE is priced so that users experience a rewarding Return on Investment. Savings start within 4 to 6 weeks of introduction into the anaerobic digester and continue as long as it is used!

Field Tested and Proven



BAE is benefiting communities every day. These Case Histories record actual, on-site BAE usage as shown.

CASE HISTORIES

Case History # 1

BAE was added at a rate of 4 gallons twice per week to the anaerobic digester of a 5.5 MGD plant. Within two weeks, the floatable cover was at maximum height, & the generator was operating at 100%. At 4 weeks, the boiler was online and occasional flaring was detected. Gas production increased by 28% despite an influent decline of 220,000 GPD.

Case History # 2

This plant operated at 50% above design capacity with a single stage 600,000 liter anaerobic digester. The digester was treated with 500 pounds of lime per week to maintain a 6.7 ph, and sludge was shipped at 3,300 liters per day. Gas production was marginal, requiring winter supplement. At a rate of 1 gallon per day, in just 2 weeks, BAE reduced sludge hauling to 1600 liters per day, lime treatment to 0 lbs. per week, and gas production became copious.

Case History # 3

A 3 MGD plant land-applied its sludge, and the digester often fell short of regulatory requirements by operating between 35-40% VSD. With 2 gallons per day of BAE added to the digester, VSD rose to the 60 – 65% range. Sludge odor was eliminated, gas production increased, & sludge volume was reduced from 9,400 gallons to 6,750 gallons per day, a 28% reduction.

Case History # 4

A single stage 500,000 gallon digester with no combustible gas, circulation, or heating was acting essentially as a holding tank. Sludge was trucked 7-times per week at 7,500 gallons per load. BAE was added at 1 gallon per day and within 7-weeks methane was present in the sludge, and after 20 weeks sludge shipments were reduced from 7-times to 2-times per week, a 37,500 gallon reduction.

Case History # 5

BAE was added to a farm built digester at a dairy farm with 1,000 cows at the rate of 1 gallon per day. Within a few short weeks, the VSD rose from 21% to 36%, resulting in a 71% increase in gas production and reducing organic solids in the digester by 19%.

Case History # 6

BAE was added at a low rate to a farm-built digester to treat the manure of 11,000 hogs. The VSD rose from 41% to 63%, which increased digester gas by 54% and lowered organic loading in the sludge by 37%. This impact enabled the addition of a second electric generator, and excess electricity was sold to the power grid.



WHAT ARE YOU WAITING FOR?

The benefits of BAE are yours for the asking!

Prodex is well aware of the fact that this industry has been inundated with what is commonly referred to as "Snake Oil," and we understand your frustration. BAE is a revolutionary and effective product that has been proven to work in municipal, commercial and agricultural digesters. It is just the opposite of "Snake Oil!"

We will gladly help you introduce BAE into your systems. There is no downside. BAE has never had a bad or unwelcome effect on any kind of treatment system. It cannot cause harm. It can only improve!

SEEING IS BELIEVING! TAKE THE BAE 60-DAY CHALLENGE!

Field Trial Guarantee

Prodex, the industrial environmental division of JSH international guarantees the performance of its BAE product when properly used and monitored under the direction of and determined by the Purchaser and Prodex. Prior to the start of the evaluation, both parties will determine specific performance criteria. If for any reason the evaluator is not satisfied with the performance of the product at the end of the 60-day evaluation, Prodex will not invoice the evaluator for any BAE used.

SATISFACTION GUARANTEED

Want more information?

Simply go to our website: **ProdexProducts.com** for a discussion of our research and case histories. You may also call us at **856-234-4540** to get your questions answered.



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