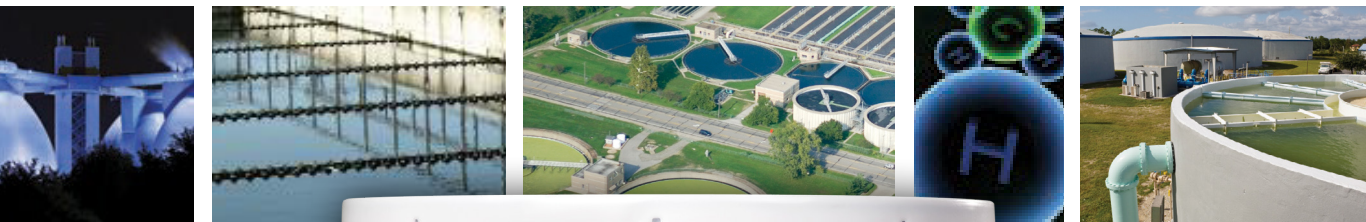


A REVOLUTIONARY ORGANIC SOLUTION FOR WASTEWATER TREATMENT



TESTED & PROVEN

**ONE
PRODUCT**

**MANY
BENEFITS**

- Stimulates Existing Microbial Population
- Improves Overall Operational Stability & Efficiency
 - Enhances Sludge Settling & Solids Handling
- Reduces Costs such as Hauling, Chemicals & Energy
 - Accelerates Recovery from Upsets

WANT MORE INFORMATION?

Simply go to our website: ProdexProducts.com for a discussion of our research.
Or please call us at **856.234.4540** to set up a **FREE evaluation**.
EMAIL: info@prodexproducts.com

BAE™ provides Operators an organic alternative to maximize the efficiency of their operations by greatly improving the biology of their plant. This in turn has proven to be very successful & financially beneficial in these 5 areas (click each for case study):

Food Waste to Energy

Bio-solids being treated at a 6 MGD plant were supplemented using BAE™. This stabilized the materials in the digester and as a result:

- ✓ Biogas output increased by 37%
- ✓ Facility is now generating \$150K/yr. in revenue & growing
- ✓ Increased buffering capacity & throughput

Biogas Production

BAE™ was added to four digesters at a 60 MGD plant. The results were astounding:

- ✓ Digester gas production increased by 41%
- ✓ Cost avoidance for facility due to additional gas produced equates to \$392K/yr.

Solids Handling

BAE™ was used at a 60 MGD plant to improve solids handling treatment.

- ✓ Plant saved \$353K/yr. on re-treatment costs due to return stream clean up
- ✓ Cake solids increased & less polymer used
- ✓ A reduction of 2.28 tons per day of sludge cake disposal= reduced tipping fees

Nitrogen Removal

A 27 MGD plant treating Waste Activated Sludge & Primary Sludge was experiencing high amounts of Nitrogen in the plant effluent. The use of BAE™:

- ✓ Brought effluent numbers from 39 mg/L in Nov. 2019 down to 4 mg/L in Aug. 2020 (a 90% reduction after one year)

Maintenance Dosage/ Emergency Use

A well maintained 12 MGD plant stores BAE™ to use when they experience dramatic changes in the plant influent. The use of BAE™ in the aeration basins:

- ✓ Created a strong microbiology for quick response & recovery
- ✓ Provided stabilization for smooth plant operation
- ✓ Cleaned up gray water & enabled facility to meet contractual obligations