



**BAE**<sup>™</sup>  
BIOLOGICAL ACTIVITY ENHANCER  
IMPROVES PLANT  
OPERATIONAL EFFICIENCY



**Prodex**<sup>®</sup>  
From the Earth...for the Earth<sup>®</sup>  
*A division of JSH international<sup>™</sup>*







## MAXIMIZING THE MICROBIAL WORKFORCE™



### INTRODUCING



BIOLOGICAL ACTIVITY ENHANCER

**PROPRIETARY  
ORGANIC FORMULA**

**IMPROVES PLANT  
OPERATIONAL EFFICIENCY**

**STIMULATES EXISTING  
MICROBIAL POPULATION**

**PROVIDES A GREAT  
RETURN ON INVESTMENT**

### WHAT IS BAE™?

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

As the green component to the engineered infrastructure, BAE™ provides Operators an organic alternative to maximize the efficiency of their operations. BAE™ has proven to:

- **improve sludge settling.**
- **enhance TSS and BOD removal.**
- **maintain nitrification at low dissolved oxygen levels.**

In addition, BAE™ has shown to be the solution to a variety of unexpected plant challenges. Since microbial activity is the key element in the treatment of wastewater, it is BAE's™ unique ability to enhance the existing microbial population that makes it an essential tool for Operators today.

### A REWARDING RETURN ON INVESTMENT

Effectively priced for a rewarding return on investment, BAE™ will begin to drive down operational costs such as energy, chemicals, and sludge hauling within approximately 4 to 5 sludge ages.



# 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 *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

### CASE HISTORY #2 *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)

### CASE HISTORY #3 *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



# 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 various wastewater treatment systems. It is just the opposite of “Snake Oil!”



## SEEING IS BELIEVING TAKE THE BAE™ CHALLENGE!

### FIELD TRIAL GUARANTEE

Prodex™ 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 evaluation, Prodex™ will not invoice the evaluator for any BAE™ used.

**SATISFACTION GUARANTEED**

## WANT MORE INFORMATION?

Simply go to our website: [ProdexProducts.com](http://ProdexProducts.com) for a discussion of our research and case histories.

Or please call us at **856.234.4540**.



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