



AN ORGANIC SOLUTION FOR WASTEWATER TREATMENT



BIOLOGICAL ACTIVITY ENHANCER

Today, Facility Managers face tremendous challenges with more stringent environmental and fiscal constraints. These challenges have to be met with new and innovative approaches for continuous improvement that will lower cost and optimize operational conditions.

Prodex™ offers the wastewater treatment industry a proprietary liquid organic formula made from natural peat extract called **BAE™** (*Biological Activity Enhancer*). Facilities can benefit from the use of BAE™ in both aerobic and anaerobic environments to improve operational efficiency and maximize renewable energy production. This low cost organic liquid provides operators an alternative to costly capital investments, while complimenting environmental initiatives.

MAXIMIZING THE MICROBIAL WORKFORCE™

The complex microbial population is at the center of the wastewater treatment process. The stability of this population in wastewater environments is critical and can become difficult to balance. BAE's™ unique ability to increase existing microbial populations and enhance their activity in both aerobic and anaerobic environments makes it an essential tool for Operators today.

INCREASING RENEWABLE ENERGY PRODUCTION

BAE™ helps Operators take full advantage of the energy source right at their finger tips by biologically enhancing the anaerobic digestion process.

- **Maximizing methane gas production**
- **Increasing volatile solids reduction**
- **Improving dewatering of sludge**

IMPROVING OPERATIONAL EFFICIENCY

By optimizing the microbial environment, BAE™ has proven to provide operators an organic alternative to maximize the efficiency of their operations.

- **Improves sludge settling**
- **Enhances TSS and BOD removal**
- **Maintains nitrification at low dissolved oxygen levels**





JOIN US IN MAKING THIS A HEALTHIER AND MORE ENVIRONMENTALLY FRIENDLY WORLD TO LIVE IN.



OUR STORY

Prodex™ is the Wastewater Treatment division of JSH international (JSHi), a global Bio-Environmental company located in Mount Laurel, New Jersey. The Company develops, manufactures and markets Eco-Friendly products designed to have a positive impact on our environment.

The vision behind Prodex™ comes from the founder of JSHi, Jirair S. Hovnanian. Mr. Hovnanian understood the powerful and positive impact that unique products derived from natural materials could have on our lands, waters, and energy production. His vision remains with us today and is the driving force behind the Company's mission to "harness the power of natural materials to promote environmental stewardship, operational efficiency, sustainability and a healthier work place while being cost effective and socially responsible in creating business opportunities."

Industry optimized variations of this organic product are offered within the JSH international Family of companies and manufactured in the U.S.A. Visit www.JSHinternational.net to learn more.



From the Earth...for the Earth®
A division of JSH international™ LLC



**Member of the
 Water Environment Federation**