

USA



BIO-ORGANIC CATALYST
THE POWER IN NATURE®

- ★ NICHE SOLUTIONS PROVIDER OF THE YEAR (WASTE MANAGEMENT / WATER TREATMENT), BIO-ORGANIC CATALYST
- ★ GAMECHANGER OF THE YEAR (WASTE MANAGEMENT), PARKER D. DALE, BIO-ORGANIC CATALYST INC



P. D. Dale
President

Bio-Organic Catalyst, Inc.
711 West 17th Street, #E6
Costa Mesa, California 92627, USA
www.bio-organic.com

parker@bio-organic.com

Office: +1 949 515 1301
Cell: +1 917 833 1584

Bio-Organic Catalyst Inc. makes breakthrough biocatalysts (not an enzyme or bacteria) that radically improve waste/water treatment. This is a platform technology that increases dissolved oxygen and breaks down fats, oils, greases and biofilms. Thus we increase margins and operating efficiencies. We have customers in the US, Canada, South America, the Middle East, Australia and elsewhere. The products are simple to use (just dilute and add), completely safe, fast-acting, inexpensive and require no special equipment or capex.

Our products (BOCs or Bio-Organic Catalysts) are currently used in the following markets:

Waste / wastewater treatment: BOC reduces energy costs, sludge volumes and odours, while increasing dissolved oxygen, sludge quality and throughput – with no retrofitting or capex.

Biogas from sludge and biomass, anaerobic digestors: BOC increases biogas yields with no capex. BOC lowers sludge volumes and improves the quality of the “digestate”. BOC also reduces odours and FOGs.

Deep cleaning of facilities: BOC provides a fast, safe and effective way to remove bio-film, sludge, grease, slime, and fat from plumbing, surfaces, grease traps and sewers in residential, industrial, agro-business, or commercial facilities.

Pulp and paper mills: BOC breaks down the “stickies” – the organic build-up on equipment – thus increasing up-time and profits. BOC also reduces odours and eliminates the need for toxic biocides. Currently being used in various mills in South America.

Compost: BOC instantly neutralizes odours on contact, accelerates composting rates, improves compost quality, enables higher turnover of compost and reduces cost of operations.

Urban runoff, wastewater infrastructure, collection systems, sewer lines: BOC turns urban runoff / collection systems into self-cleaning systems. BOC dissolves slime, grease and bio-film, increases dissolved oxygen, reduces H₂S, treats organic pollutants. With no capex.

Polluted waterways and waterbodies: Increases dissolved oxygen, brings the water “back to life”. Removes smells, slimes, algae and oil slicks.

Petrochemical waste & contamination: BOC provides a fast, simple way to remediate oil spills and petrochemical waste. BOC breaks down the waste/spill and eliminates VOCs and noxious odours. Also, oil will not burn when BOC is added. BOC lifts off ground-in oil and grease and provides fast and deep cleaning of oily and greasy surfaces, pipes, equipment, tanks and bilges.

Agriculture: Our product acts as a soil conditioner which increases crop yields and de-clogs drip irrigation systems. We are currently testing in various countries with good results.

Aquaculture: BOC enables healthy aquaculture with higher yields by increasing dissolved oxygen and rapidly biodegrading fish excrement. This purifies the water, reduces sludge, improves pH and reduces the need for antibiotics and other treatments. For example, in a Colombian tilapia fish farm, mortality dropped from 45% to 3%.