



MICRO SOLUTIONS TO BIG CHALLENGES

Aster Bio scientists use leading-edge biotechnologies to solve industry challenges and make the world a better place.

We put Mother Nature to work

Microorganisms are nature's recyclers. At Aster Bio we put Earth-friendly microorganisms to work to treat biological waste and reduce pollution and toxic compounds in wastewater, groundwater and soil.

The Aster Bio difference

Aster Bio scientists are experts in microbial ecology, biochemistry and waste treatment. We've developed a leading-edge biomass management approach, including our Environmental Genomics™ testing, to make biological treatments work better. We use custom bioaugmentation formulations, micronutrients and process monitoring programs to help our customers meet their waste treatment goals.

Our bugs are better

Aster Bio is the only biological solutions company to offer leading-edge multigenomic screening technologies with time-tested environmental microbiology techniques to create customized biochemical products for better results.

We can save you money

Aster Bio can maximize your treatment system's performance while reducing chemical, utility and capital costs. We analyze your biological treatment system with a biomass evaluation/system audit and our exclusive Environmental Genomics™ DNA testing to develop a customized, effective bioaugmentation solution.

Micro solutions for big industry challenges

We formulate customized solutions to optimize wastewater biomass in municipal, pulp and paper, petrochemical, food processing and organic chemical wastewater treatment systems. Our formulations are often used to enhance bioremediation of soils and waters contaminated by hydrocarbons and other recalcitrant chemicals.

About Aster Bio

Aster Bio is the future of bioaugmentation. Formed in 2003, we use the most advanced science, including DNA sequencing, to develop customized, Earth-friendly products to effectively solve our customers' unique biological waste treatment challenges.

Co-founders Erik Rumbaugh and Paul Campbell, Ph.D., have a combined 45 years of experience in biotechnology.



Who we help

WASTEWATER TREATMENT

Industrial

- Pulp & paper
- Refining/petrochemical
- Organic chemical & pharmaceutical
- Food processing
- Industrial pretreatment

Municipal

- Collection systems
- Wastewater treatment plants

BIOREMEDIATION

Soil contamination

- Hydrocarbons
- Organic chemicals (xenobiotic compounds)

Water contamination

- Holding ponds (surface water)
- Groundwater

Services

Whether you're starting up a new facility or looking to improve performance in an existing unit, Aster Bio can help you optimize your biological treatment system. Our services include:

- Environmental Genomics™ testing
- System Audits
- Filamentous & Non-Filamentous Bulking ID & Control
- Evaluation of Bioaugmentation or Biological Additive Effectiveness
- Toxicity Screening with our Tox-N™ & Tox-Bac™ testing

Let's get started

713-724-0082
1-800-374-3480 (toll free)
info@asterbio.com
www.asterbio.com

