



Wastewater

ESSENTIAL MICRO™ 1

Essential Micro™ 1 is a trace element formulation containing 6-10 of the essential anaerobic trace elements needed for healthy anaerobic wastewater systems. Essential trace elements are an excellent tool to boost the performance of high rate anaerobic treatment systems.

Helps With:

- MicroNutrients
- Nitrification inhibition
- Trace metals
- Nutrient deficiencies
- Anaerobic treatment
- High volatile acids
- Filamentous bacteria reduction

How It Works:

- Provides the essential trace elements for anaerobic bacteria, formulated in a bioavailable matrix which protects the trace elements from hydroxide precipitation, sulfide precipitation and chelation.
- Deficiencies in adequate concentration of the essential trace elements for anaerobic bacteria can result in high Volatile Fatty Acids (VFA), lower-than-optimal methane production, increased alkalinity consumption, reduced BOD/COD removal and reduced wastewater pH. The introduction of **Essential Micro™ 1** will help alleviate these issues.
- **Essential Micro™ 1** is specifically formulated to each client's waste stream, based on its essential trace elements profile.

Benefits/Advantages:

Essential Micro™ 1 is a compound of essential trace elements intended to provide vital nutrients to microbial life to improve anaerobic systems and plant operating efficiency.

HYDRO SOLUTIONS, INC exists to provide solutions to customers in the air and water treatment industries. We are dedicated to offering customized plans, products, and services to ensure our customers meet their air and water discharge permits while operating their systems at optimum efficiency.

For more information regarding trace elements essential to microbial life in anaerobic systems and other wastewater treatment solutions, visit hydrosolutions.com or contact our wastewater treatment specialists at 502-899-7107.

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HYDRO
Solutions

P.O. Box 221016 Louisville, KY 40252
888-734-9376