



chemex
industries, inc.

Technical Report

WASTE TREATMENT BIO BLOCK

A unique bacterial-laden solid, combining a high bacterial count with slow release technology, to dose bacteria into wastewater and effluent handling facilities.

Overview:

Waste Treatment Bio Block is a slow dissolve, bacterial-laden solid for use in degrading organic waste in higher flow systems such as lift stations, wet wells, etc. The safe, application-specific bacteria are present in high numbers to handle difficult organic problems. The unique block will gradually dissolve over a 30-90 day period which allows for continuous treatment and degradation of waste. The naturally-occurring bacteria contained in the block will reduce order, sludge, fats, oils and grease build-up.

Advantages of Waste Treatment Bio Block:

- Optimized proprietary bacterial consortium specifically targets and degrades FOG and other organic waste
- Greatly reduces labor time
- Degrades high concentration of waste
- Enhances BOD/COD/TSS removal
- Reduces sludge build-up
- Contains no harsh chemicals
- Changes biomass dynamics
- Eliminates malodors at source
- Not dependent on people or equipment for dosing
- Manufactured under strict quality control standards to ensure high quality and purity

Applications:

- lift stations
- wet wells
- wastewater treatment plants

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