

Technical Bulletin

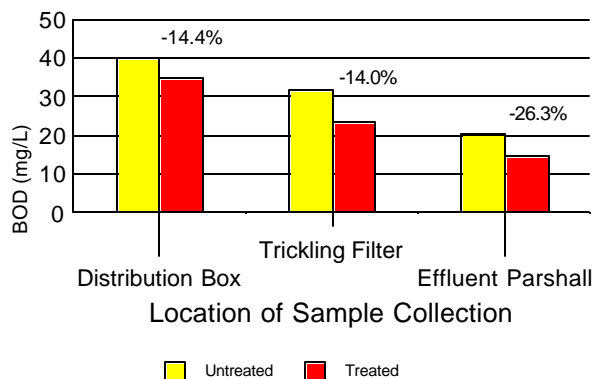
ST-12 Microbial Enhancer for Sewage Treatment

ST-12 is a complex blend of non-toxic and non-hazardous organic nutrients that increase microbial activity and settleable solids while decreasing undesirable odors through more complete oxidation of organic contaminants during the processing of sewage under aerobic conditions.

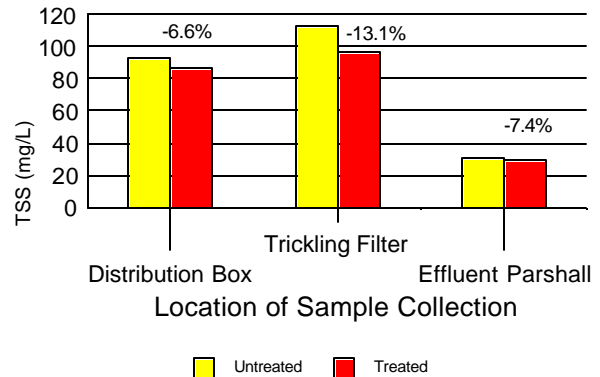
- ST-12 liquefies suspended solids and reduces the strength of the wastewater.
- ST-12 is a liquid and is effective in biological treatment processes at a number of locations.
- ST-12 can be applied to both film flow (e.g., trickling filter) or suspension (e.g., activated sludge, lagoon) type of liquid waste treatment.

The graphs below demonstrate the effectiveness of ST-12 when used at various locations at a treatment plant at 1-2 ppm.

Effect on Biochemical Oxygen Demand



Effect on Suspended Solids



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