

RELIANT Water Technologies

Sewper Rx

Sludge Digester

U.S. PATENT NUMBER: 6884351

Sewper Rx is a polymicrobial blend of bacteria, enzymes, and nutrients, scientifically formulated for the biodegradation of organic compounds found in all types of wastewater systems. These bacteria have been subjected to a process known as 'anhydrobiotic engineering' which causes them to change their behavior, allowing them to adapt to any environment. They are not 'genetically reengineered', they are unique, patented isolates. Among the many species found in this mixture are several facultative bacteria, known for their ability to quickly degrade many organic pollutants. Our patented manufacturing process gives them the ability to survive drying, thus enabling the product to be offered in granular form and allowing for a much longer shelf life, much harder bacteria and much easier and less expensive application. They produce extremely high levels of enzymes necessary for the rapid digestion of protein, carbohydrates, fats, oils, grease, and cellulose and double their CFU count every 24 minutes.

Sewper Rx completely eliminates, or greatly reduces noxious odors and dramatically reduces solids/sludge and foaming while it promotes settling and clarifying, resulting in reduced BOD and TSS in final effluent. Significant savings are achieved in solids handling, separation, storage, hauling and disposal and other costs related to the solids elimination process, while consistently meeting ever-tightening discharge standards. In many cases, significant electrical power consumption savings are also realized. Please contact your representative for system survey & dosage recommendations.

Applications

Activated Sludge Wastewater Systems
Facultative Lagoons & Holding Tanks
Lift Stations & Collection Systems
Solids Digesters
Hog Waste Lagoons
Grease Traps & Septic Systems

Typical Application Environment

pH – 6-9
Dissolved Oxygen, mg/l – 0.05-2.0
Temperature, C° - 5-55
Temperature, F° - 40-110
Toxic metals, mg/l – Trace-None

Physical Properties

Yellow/tan, granular consistency
Shelf life: 1 year, guaranteed
Pathogen-free & non-toxic
Sessile & motile bacteria
Sessile form biofilms
Motile "swim to food"



Go from this.....to this, in just 7 days!

Marketed exclusively by:

RELIANT Water Technologies
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