

8602-055

BioRem-2000 Water Treatment FOG

Water Treatment Solutions

Description

- A powerful blend of microbes and natural botanical blends designed to improve wastewater systems with F.O.G.
- Reduces BOD, COD and TSS levels in waste water operations up to 90%.
- Reduces odor in waste water facilities, lift stations, holding ponds and landfill applications from 85% to 100%.
- Removes oil deposits and prevents scum formation in holding tanks, sewers, drains and aeration basins.
- Effluent quality is improved.
- Resistant to many chemical shocks and decreases recovery time.

Technology Profile

Number of Different Microbial Strains	12
Microbial Count	50 Billion/gram
Microbial Characteristic	All GRAS Listed
Number of Enzyme Species	7
Enzyme Activity	6,000 u/mg.
pH Activity Range	5-11 pH
Appearance	Amber Liquid
Bioluminescence Test	Positive for Living Cells
Salmonella	Negative
Listeria	Negative
Phosphorous	Non-Detect

Technical Information

Usage	Dilution Ratio	RTU
Physical Properties	Appearance	Liquid
	Color	Amber
	Fragrance	None
	pH	7
	Shelf Life	Minimum 1 Year
Packaging	8602-055	55 gal.

Advantages

Fats, oil and grease - - also called FOG in the wastewater business - - can have negative impacts on wastewater collection and treatment systems. Most wastewater collection system blockages can be traced to FOG. Blockages in the wastewater collection system are serious, causing sewage spills, manhole overflows, or sewage back-ups in homes and businesses. With the increase in fast food restaurants, many municipalities are having problems with an increase in grease build-up in their lift stations. Fats, oils and grease represent 10% of the organic substances found in wastewater. The term "grease" includes fats, oils, waxes and other similarly related compounds. All kinds of oils found in wastewater will usually float on the water surface and can coat the walls of structures and pipes. The lack of organic decomposition consequently creates maintenance problems. The presence of grease can also interfere with the biological life in the surface wastewater. Grease contents will vary with every system; however, it is best to treat the problem prior to treatment.

Application

There is no set formula that will be effective in every system. All is dependent on the type of environment, the biological and chemical make up of the system. Please consult with distributor and/or manufacture for the correct dosage for your system.