

8602-004

BioRem-2000 Water Treatment FOG Blocks

Description

- A microbe-laden block designed for use in lift stations to digest fat, oil and grease (FOG) build-up and organic solids.
- Eliminates rancid odors in wastewater systems.
- Slowly dissolves and releases billions of microbes that consume FOG and organic solids.
- A consistent, automated system providing continuous treatment.
- Reduces labor time by eliminating dosage and metering pumps.
- Resistant to many chemical shocks and decreases recovery time.
- Bio-based, all-natural and biodegradable.

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	Green Block
Bioluminescence Test	Positive for Living Cells
Salmonella	Negative
Listeria	Negative
Phosphorous	Non-Detectable

Technical Information

Usage	Dilution Ratio	RTU
Physical Properties	Appearance	Solid
	Color	Green
	Fragrance	None
	pH	7
	Shelf Life	Minimum 1 Year
Packaging	8602-004	4 lb.

Water Treatment Solutions

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 greases 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

Flow Rate (GPD)	Blocks
25,000 - 49,999	1
50,000 - 74,999	2
75,000 - 99,999	3
100,000 - 149,999	4