

BioPlug™

Information Bulletin

Let Nature
Work For You!

- Eliminates FOG
- Proven performance in lift stations
- Easy to install and maintain
- Protects workers and the environment
- Guaranteed results

What is the BioPlug and how does it work?

BioPlug™ is a 100 percent microbial product designed to release bacteria over a 30-day time period and digest fats, oils, grease, sugars and starches. Specifically designed for lift stations and sewer lines, the BioPlug contains eight strains of bacteria, which were isolated due to their ability to metabolize grease. The new bacteria rapidly increase the bioremediation process, which converts the grease to carbon dioxide and water. (continued next page)

Bioremediation

Bioremediation is a process by which aerobic micro-organisms consume or digest compounds, transforming them into harmless carbon dioxide and water.

Research has shown that some of the micro-organisms, or bacteria, consume at a higher rate than others. We have isolated those specific strains of bacteria that consume grease and organic matter at the highest rate, for use in the BioPlug. The BioStim™ bacteria, in various combinations and large numbers, will dominate the bacterial system already present within the drain lines.



Oceanic oil spills were one of the first uses for microorganisms specifically isolated for their ability to consume oil and convert it to carbon dioxide and water.

New BioPlug S for use in sewer lines

Now the proven performance of the BioPlug can be used in sewer lines as well as lift stations. The BioPlug S has been specifically designed for use in sewer lines accessible by manhole. The BioPlug S conveniently attaches to the manhole cover and floats below, releasing bacteria at a rate proportionate to water flow for optimum control of fats, oils and grease.



The BioPlug Guarantee

Use of the BioPlug will not only eliminate FOG buildup in lift stations and sewer lines, but will drastically reduce the need for costly pumping, transporting and disposal of FOG. In fact, BioStim guarantees that the BioPlug will reduce maintenance costs associated with grease management by at least 300% of the cost of the BioPlugs.

How do I get the BioPlug?

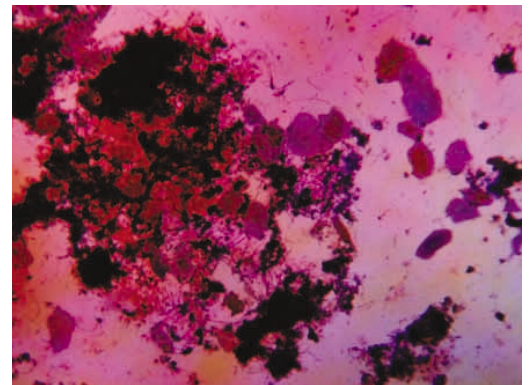
For more information about the BioPlug and other BioStim products, please call 800-338-8812.

What is the BioPlug and how does it work? (continued)

The BioPlug is offered in two unique products: BioPlug L for use in lift stations and BioPlug S for use in sewer lines. Both BioPlug products provide time-released bacteria and require no maintenance other than the monthly addition of a new BioPlug.

The natural advantage

- The BioPlug contains no enzymes, surfactants or chemicals of any type.
- The BioPlug eliminates grease instead of liquefying it and moving it down the line to be dealt with by others.
- Municipalities and institutions across the country are successfully using the BioPlug to eliminate grease and the associated cost of cleaning grease from sewer lines and lift stations.
- The BioPlug is easy to install and requires only monthly replacement.
- The BioPlug poses no risk to the environment.



Unlike other products containing bacteria and enzymes, BioPlug microbes are specifically selected to consume fats, oils and grease.

Bacteria versus enzymes

Many products on the market boast similar control of fats, oils and grease (FOG), though there are important scientific differences in their chemistry and mode of action. Most products on the market today contain high concentrations of enzymes that liquefy grease. Products containing enzymes simply move the liquefied grease further down the line to resolidify, creating clogs and continued organic matter buildup.

The BioPlug releases trillions of natural aerobic bacteria into the system. The bacteria begin the process of bioremediation, essentially eating the grease and organic buildup in the sewer lines.



For more information, contact your local dealer: