

“Probiotics” Revive And Restore Septic Tank Systems

Bioremedial sewage treatment solutions are like probiotics for septic tanks and help revive and restore these systems resulting in much less odour.

That's according to Ian Wright, CEO of organic air, water and sewage treatment firm, Biozone. “Our natural sewage reclamation solutions reduce the frequency of septic tank pump-outs and extend the life of these systems. This is very useful for businesses and homeowners waiting for municipal waterborne sewage,” says Mr Wright.

Septic tanks remain popular in South Africa due to the limited availability of waterborne sewage in many areas. In addition, municipalities billing homeowners separately for water and waterborne sewage means most of us are effectively paying twice over for the same water. This has led to homeowners investigating alternatives to municipal sewage systems.

Biozone Manufacturing has been supplying turnkey packaged sewage treatment plants for over a decade. “Septic tanks remain an excellent, cost effective sewage option for domestic users, provided they are properly designed and well maintained. There's a definite market for septic tanks and Biozone's bioremedial sewage treatment solutions add to the attractiveness of these systems,” says Mr Wright.

Biozone's bioremediation products use unique formulas of aerobic and anaerobic bacteria to enhance the natural process of degrading organic wastes in their basic elements. “Naturally-occurring organisms in our products work with nature to reduce the organic matter and inorganic compounds in septic tanks. The result is a reduction in ammonia levels and the resulting strong odors. Improved clarity, a reduction in bottom sludge and decreased algae growth all lead to a less smelly and better looking septic tank,” Mr Wright says.

Bioremediation is the natural process of using microorganisms to reduce and degrade organic wastes, soluble inorganic compounds, suspended organic matter, settled organic solids and organic sludge. “It is a sustainable and perfectly natural way to prevent the overflowing of septic tanks and the overuse of honeysuckers,” concludes Mr Wright.

Regarding the cost of bioremedial sewage treatment, Biozone's system requires an initial dose into one of the septic tank toilets of five litres at R200 a litre, following by one litre per month thereafter. This would typically be used for a 10 000 litre septic tank system.

Please visit www.ozonize.co.za for further information.